



40-8674

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General Office: 772 Horizon Drive, Grand Junction, CO 81501  
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Registered Office: 136 South Main, Salt Lake City, UT 84101

(303) 249-5460  
(517) 788-1942  
(801) 534-0734

October 18, 1985

04008674220E

U. S. Nuclear Regulatory Commission  
Uranium Recovery Field Office  
Attn: Mr. Mike Shoppen  
P. O. Box 25325  
Denver, Colorado 80225 (0325)

Re: SUA- 1326, Docket No. 40-8674  
Blanding Ore Buying Station

Dear Mr. Shoppen:

Enclosed are the laboratory results of soil samples taken during the decommissioning activities of the Blanding Ore Buying Station.

The 36 sample results shown on Job #85-88 and 85-89 are for the locations shown on Map 4 - Initial Gamma Radiation Survey. This includes two prevailing wind direction samples (site center and Lab pit). The 24 sample results shown on Job #85-108 and 85-109 correlate with the locations on Map 3 - Initial Soil Sampling Locations. Final soil sample results are shown on Job #85-178 and correlate with the locations shown on Map 6.

Vegetation sample results for the locations shown on Map 4 will follow as soon as we receive them from Alpha Nuclear Laboratories.

If you have any more questions, please feel free to call.

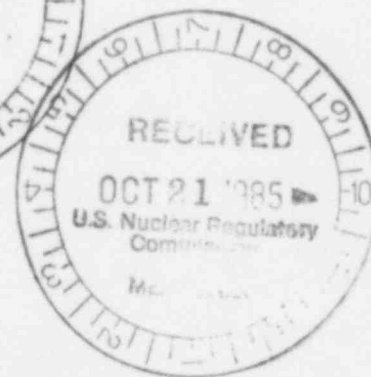
Sincerely,

*Jack Thamm*

Jack Thamm  
General Manager

JT:bim

Enclosures



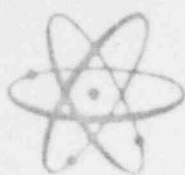
DESIGNATED ORIGINAL

Certified By *Mary C. Hood*

8511070561 851018  
PDR ADOCK 04008674  
C PDR

FEE EXEMPT

*Add Info*  
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# ALPHA NUCLEAR LABORATORIES INC.

A DIVISION OF ALPHA ENERGY LABORATORIES, INC.

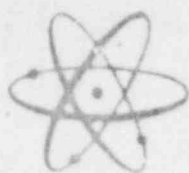
REPORT OF ANALYSIS

ANL JOB# 85-88

## PLATEAU RESOURCES

### 20 OF 36 SOILS FOR U PB TH RA

SAMPLE I. D.	ISOTOPE	CONCENTRATION (UCI/G )	LLD (UCI/G )
NORTH NORTH EAST TOP 7111	U-NAT	$(1.52 \pm 0.02) \times 10^{-6}$	$7 \times 10^{-8}$
	PB-210	$(9.75 \pm 5.03) \times 10^{-7}$	$2 \times 10^{-7}$
	TH-230	$(1.11 \pm 0.96) \times 10^{-7}$	$1 \times 10^{-7}$
	RA-226	$(0.00 \pm 1.33) \times 10^{-7}$	$2 \times 10^{-7}$
NORTH NORTH EAST MID 7112	U-NAT	$(5.90 \pm 0.01) \times 10^{-7}$	$7 \times 10^{-8}$
	PB-210	$(6.50 \pm 4.98) \times 10^{-7}$	$2 \times 10^{-7}$
	TH-230	$(2.86 \pm 0.76) \times 10^{-7}$	$6 \times 10^{-8}$
	RA-226	$(2.93 \pm 2.06) \times 10^{-7}$	$2 \times 10^{-7}$
NORTH NORTH EAST BOTTOM 7113	U-NAT	$(5.90 \pm 0.01) \times 10^{-7}$	$7 \times 10^{-8}$
	PB-210	$(7.18 \pm 4.63) \times 10^{-7}$	$2 \times 10^{-7}$
	TH-230	$(2.87 \pm 0.61) \times 10^{-7}$	$8 \times 10^{-8}$
	RA-226	$(0.00 \pm 2.59) \times 10^{-7}$	$2 \times 10^{-7}$
EAST NORTH EAST TOP 7114	U-NAT	$(5.33 \pm 0.01) \times 10^{-7}$	$7 \times 10^{-8}$
	PB-210	$(7.28 \pm 6.90) \times 10^{-7}$	$2 \times 10^{-7}$
	TH-230	$(7.43 \pm 1.27) \times 10^{-7}$	$1 \times 10^{-7}$
	RA-226	$(0.00 \pm 1.19) \times 10^{-7}$	$2 \times 10^{-7}$
EAST NORTH EAST MID 7115	U-NAT	$(5.90 \pm 0.01) \times 10^{-7}$	$7 \times 10^{-8}$
	PB-210	$(7.96 \pm 4.19) \times 10^{-7}$	$2 \times 10^{-7}$
	TH-230	$(6.03 \pm 14.7) \times 10^{-8}$	$3 \times 10^{-7}$
	RA-226	$(2.82 \pm 2.32) \times 10^{-7}$	$2 \times 10^{-7}$
EAST NORTH EAST BOTTOM 7116	U-NAT	$(6.73 \pm 0.08) \times 10^{-7}$	$7 \times 10^{-8}$
	PB-210	$(1.08 \pm 1.31) \times 10^{-6}$	$2 \times 10^{-7}$
	TH-230	$(1.65 \pm 1.40) \times 10^{-7}$	$2 \times 10^{-7}$
	RA-226	$(0.00 \pm 9.52) \times 10^{-8}$	$2 \times 10^{-7}$
NORTH TOP 7117	U-NAT	$(8.18 \pm 0.10) \times 10^{-7}$	$7 \times 10^{-8}$
	PB-210	$(1.45 \pm 2.34) \times 10^{-6}$	$2 \times 10^{-7}$
	TH-230	$(0.00 \pm 3.11) \times 10^{-6}$	$2 \times 10^{-7}$
	RA-226	$(4.17 \pm 2.48) \times 10^{-7}$	$2 \times 10^{-7}$
NORTH MID 7118	U-NAT	$(8.38 \pm 0.10) \times 10^{-7}$	$7 \times 10^{-8}$
	PB-210	$(4.29 \pm 4.67) \times 10^{-7}$	$2 \times 10^{-7}$
	TH-230	$(2.94 \pm 2.93) \times 10^{-7}$	$3 \times 10^{-7}$
	RA-226	$(0.00 \pm 2.71) \times 10^{-7}$	$2 \times 10^{-7}$



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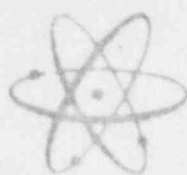
## REPORT OF ANALYSIS

ANL JOB# 85-88

### PLATEAU RESOURCES

20 OF 36 SOILS FOR U PB TH RA

SAMPLE I. D.	ISOTOPE	CONCENTRATION(UCI/G )	LLD(UCI/G )
NORTH BOTTOM 7119	U-NAT	$(6.94 \pm 0.08) \times 10^{-7}$	$7 \times 10^{-8}$
	PB-210	$(2.71 \pm 7.63) \times 10^{-7}$	$2 \times 10^{-7}$
	TH-230	$(0.00 \pm 1.82) \times 10^{-6}$	$2 \times 10^{-7}$
	RA-226	$(2.80 \pm 28.0) \times 10^{-8}$	$2 \times 10^{-7}$
WEST TOP 7120	U-NAT	$(7.14 \pm 0.09) \times 10^{-7}$	$7 \times 10^{-8}$
	PB-210	$(3.07 \pm 8.64) \times 10^{-7}$	$2 \times 10^{-7}$
	TH-230	$(2.36 \pm 1.81) \times 10^{-7}$	$1 \times 10^{-7}$
	RA-226	$(0.00 \pm 2.24) \times 10^{-7}$	$2 \times 10^{-7}$
WEST MID 7121	U-NAT	$(8.00 \pm 0.09) \times 10^{-7}$	$7 \times 10^{-8}$
	PB-210	$(7.85 \pm 5.46) \times 10^{-7}$	$2 \times 10^{-7}$
	TH-230	$(2.63 \pm 0.99) \times 10^{-7}$	$2 \times 10^{-7}$
	RA-226	$(0.00 \pm 2.18) \times 10^{-7}$	$2 \times 10^{-7}$
WEST BOTTOM 7122	U-NAT	$(6.54 \pm 0.08) \times 10^{-7}$	$7 \times 10^{-8}$
	PB-210	$(1.53 \pm 1.09) \times 10^{-6}$	$2 \times 10^{-7}$
	TH-230	$(4.14 \pm 1.19) \times 10^{-7}$	$2 \times 10^{-7}$
	RA-226	$(0.00 \pm 2.06) \times 10^{-7}$	$2 \times 10^{-7}$
NORTH WEST TOP 7123	U-NAT	$(6.46 \pm 0.08) \times 10^{-7}$	$7 \times 10^{-8}$
	PB-210	$(4.27 \pm 4.12) \times 10^{-7}$	$2 \times 10^{-7}$
	TH-230	$(2.04 \pm 2.16) \times 10^{-7}$	$2 \times 10^{-7}$
	RA-226	$(0.00 \pm 2.00) \times 10^{-7}$	$2 \times 10^{-7}$
NORTH WEST MID 7124	U-NAT	$(9.25 \pm 0.11) \times 10^{-7}$	$7 \times 10^{-8}$
	PB-210	$(6.20 \pm 5.88) \times 10^{-7}$	$2 \times 10^{-7}$
	TH-230	$(1.77 \pm 0.36) \times 10^{-6}$	$2 \times 10^{-7}$
	RA-226	$(0.00 \pm 2.49) \times 10^{-7}$	$2 \times 10^{-7}$
NORTH WEST BOTTOM 7125	U-NAT	$(8.42 \pm 0.10) \times 10^{-7}$	$7 \times 10^{-8}$
	PB-210	$(8.79 \pm 5.88) \times 10^{-7}$	$9 \times 10^{-7}$
	TH-230	$(5.52 \pm 2.35) \times 10^{-7}$	$2 \times 10^{-7}$
	RA-226	$(0.00 \pm 1.89) \times 10^{-7}$	$2 \times 10^{-7}$
SOUTH WEST TOP 7126	U-NAT	$(7.79 \pm 0.09) \times 10^{-7}$	$7 \times 10^{-8}$
	PB-210	$(6.71 \pm 4.54) \times 10^{-7}$	$2 \times 10^{-7}$
	TH-230	$(1.75 \pm 0.12) \times 10^{-6}$	$2 \times 10^{-7}$
	RA-226	$(7.06 \pm 1.39) \times 10^{-7}$	$2 \times 10^{-7}$



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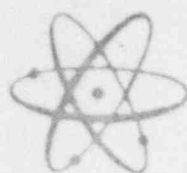
## REPORT OF ANALYSIS

ANL JOB# 85-88

### PLATEAU RESOURCES

20 OF 36 SOILS FOR U PB TH RA

SAMPLE I. D.	ISOTOPE	CONCENTRATION(UCI/G )	LLD(UCI/G )
SOUTH WEST MID 7127	U-NAT	$(6.33 \pm 0.08) \times 10^{-7}$	$7 \times 10^{-8}$
	PB-210	$(2.19 \pm 5.02) \times 10^{-7}$	$2 \times 10^{-7}$
	TH-230	$(2.68 \pm 0.12) \times 10^{-8}$	$2 \times 10^{-7}$
	RA-226	$(1.72 \pm 2.10) \times 10^{-7}$	$2 \times 10^{-7}$
SOUTH WEST BOTTOM 7128	U-NAT	$(1.01 \pm 0.01) \times 10^{-6}$	$7 \times 10^{-8}$
	PB-210	$(7.64 \pm 5.11) \times 10^{-7}$	$2 \times 10^{-7}$
	TH-230	$(4.81 \pm 1.28) \times 10^{-7}$	$2 \times 10^{-7}$
	RA-226	$(1.69 \pm 3.52) \times 10^{-7}$	$2 \times 10^{-7}$
EAST TOP 7129	U-NAT	$(7.87 \pm 0.09) \times 10^{-7}$	$7 \times 10^{-8}$
	PB-210	$(1.13 \pm 0.52) \times 10^{-6}$	$2 \times 10^{-7}$
	TH-230	$(7.71 \pm 1.19) \times 10^{-7}$	$1 \times 10^{-7}$
	RA-226	$(0.00 \pm 3.05) \times 10^{-7}$	$2 \times 10^{-7}$
EAST MID 7130	U-NAT	$(7.05 \pm 0.08) \times 10^{-7}$	$7 \times 10^{-8}$
	PB-210	$(0.77 \pm 4.76) \times 10^{-7}$	$2 \times 10^{-7}$
	TH-230	$(1.79 \pm 0.18) \times 10^{-8}$	$2 \times 10^{-7}$
	RA-226	$(3.56 \pm 0.06) \times 10^{-8}$	$2 \times 10^{-7}$



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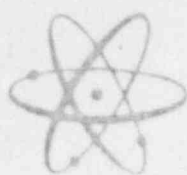
REPORT OF ANALYSIS

ANL JOB# 85-89

PLATEAU RESOURCES

16 OF 36 SOILS FOR U PB TH AND RA

SAMPLE I. D.	ISOTOPE	CONCENTRATION (UCI/G )	LLD (UCI/G )
EAST BOTTOM 7131	U-NAT	$(8.28 \pm 0.10) \times 10^{-7}$	$7 \times 10^{-8}$
	PB-210	$(6.79 \pm 42.1) \times 10^{-8}$	$7 \times 10^{-7}$
	TH-230	$(2.84 \pm 0.05) \times 10^{-6}$	$1 \times 10^{-7}$
	RA-226	$(0.00 \pm 1.74) \times 10^{-7}$	$2 \times 10^{-7}$
SOUTH EAST TOP 7132	U-NAT	$(1.54 \pm 0.02) \times 10^{-6}$	$7 \times 10^{-8}$
	PB-210	$(5.77 \pm 4.81) \times 10^{-7}$	$2 \times 10^{-7}$
	TH-230	$(0.00 \pm 1.92) \times 10^{-6}$	$4 \times 10^{-6}$
	RA-226	$(0.00 \pm 2.52) \times 10^{-7}$	$2 \times 10^{-7}$
SOUTH EAST 7133	U-NAT	$(7.67 \pm 0.09) \times 10^{-7}$	$7 \times 10^{-8}$
	PB-210	$(2.61 \pm 3.40) \times 10^{-7}$	$6 \times 10^{-7}$
	TH-230	$(6.00 \pm 0.29) \times 10^{-6}$	$2 \times 10^{-7}$
	RA-226	$(9.48 \pm 2.76) \times 10^{-7}$	$2 \times 10^{-7}$
SOUTH EAST BO 7134	U-NAT	$(7.67 \pm 0.09) \times 10^{-7}$	$7 \times 10^{-8}$
	PB-210	$(4.11 \pm 3.98) \times 10^{-7}$	$6 \times 10^{-7}$
	TH-230	$(4.85 \pm 0.09) \times 10^{-6}$	$2 \times 10^{-7}$
	RA-226	$(0.00 \pm 1.07) \times 10^{-7}$	$2 \times 10^{-7}$
SOUTH TOP 7135	U-NAT	$(5.20 \pm 0.06) \times 10^{-7}$	$7 \times 10^{-8}$
	PB-210	$(1.44 \pm 1.04) \times 10^{-6}$	$2 \times 10^{-7}$
	TH-230	$(3.45 \pm 0.16) \times 10^{-6}$	$1 \times 10^{-7}$
	RA-226	$(0.00 \pm 1.49) \times 10^{-7}$	$2 \times 10^{-7}$
SOUTH MID 7136	U-NAT	$(9.21 \pm 0.22) \times 10^{-7}$	$7 \times 10^{-8}$
	PB-210	$(0.00 \pm 4.30) \times 10^{-7}$	$7 \times 10^{-7}$
	TH-230	$(6.89 \pm 1.10) \times 10^{-7}$	$1 \times 10^{-7}$
	RA-226	$(0.00 \pm 2.96) \times 10^{-7}$	$2 \times 10^{-7}$
SOUTH BOTTOM 7137	U-NAT	$(1.00 \pm 0.02) \times 10^{-6}$	$7 \times 10^{-8}$
	PB-210	$(9.16 \pm 5.85) \times 10^{-7}$	$2 \times 10^{-7}$
	TH-230	$(6.29 \pm 1.36) \times 10^{-7}$	$2 \times 10^{-7}$
	RA-226	$(0.00 \pm 2.17) \times 10^{-7}$	$2 \times 10^{-7}$
NORTH EAST TOP 7138	U-NAT	$(8.39 \pm 0.20) \times 10^{-7}$	$7 \times 10^{-8}$
	PB-210	$(2.40 \pm 6.02) \times 10^{-7}$	$10 \times 10^{-7}$
	TH-230	$(6.07 \pm 1.88) \times 10^{-7}$	$2 \times 10^{-7}$
	RA-226	$(3.23 \pm 21.4) \times 10^{-8}$	$2 \times 10^{-7}$



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REPORT OF ANALYSIS

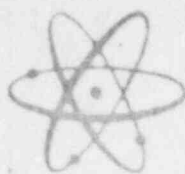
ANL JOB# 85-89

PLATEAU RESOURCES

16 OF 35 SOILS FOR U PB TH AND RA

SAMPLE I. D.	ISOTOPE	CONCENTRATION(UCI/G )	LLD(UCI/G )
NORTH EAST MID 7139	U-NAT	$(9.82 \pm 0.23) \times 10^{-7}$	$7 \times 10^{-8}$
	PB-210	$(0.00 \pm 1.03) \times 10^{-6}$	$2 \times 10^{-7}$
	TH-230	$(4.57 \pm 4.88) \times 10^{-7}$	$2 \times 10^{-7}$
	RA-226	$(8.16 \pm 0.51) \times 10^{-6}$	$2 \times 10^{-7}$
NORTH EAST BOTTOM 7140	U-NAT	$(9.82 \pm 0.23) \times 10^{-7}$	$7 \times 10^{-8}$
	PB-210	$(0.37 \pm 4.89) \times 10^{-7}$	$2 \times 10^{-7}$
	TH-230	$(7.52 \pm 1.52) \times 10^{-7}$	$1 \times 10^{-7}$
	RA-226	$(3.47 \pm 1.21) \times 10^{-7}$	$2 \times 10^{-7}$
LAB PIT TOP 7141	U-NAT	$(1.43 \pm 0.03) \times 10^{-8}$	$7 \times 10^{-8}$
	PB-210	$(3.55 \pm 0.16) \times 10^{-8}$	$2 \times 10^{-7}$
	TH-230	$(3.21 \pm 0.11) \times 10^{-8}$	$1 \times 10^{-7}$
	RA-226	$(1.43 \pm 0.05) \times 10^{-8}$	$2 \times 10^{-7}$
LAB PIT MID 7142	U-NAT	$(4.06 \pm 0.07) \times 10^{-6}$	$7 \times 10^{-8}$
	PB-210	$(0.73 \pm 1.35) \times 10^{-6}$	$1 \times 10^{-7}$
	TH-230	$(2.31 \pm 0.34) \times 10^{-6}$	$1 \times 10^{-7}$
	RA-226	$(1.63 \pm 2.25) \times 10^{-7}$	$2 \times 10^{-7}$
LAB PIT BOTTOM 7143	U-NAT	$(2.65 \pm 0.05) \times 10^{-6}$	$7 \times 10^{-8}$
	PB-210	$(0.00 \pm 1.21) \times 10^{-6}$	$2 \times 10^{-7}$
	TH-230	$(1.34 \pm 0.22) \times 10^{-6}$	$2 \times 10^{-7}$
	RA-226	$(4.88 \pm 20.2) \times 10^{-8}$	$2 \times 10^{-7}$
SITE CENTER TOP 7144	U-NAT	$(1.64 \pm 0.03) \times 10^{-8}$	$7 \times 10^{-8}$
	PB-210	$(1.61 \pm 0.11) \times 10^{-8}$	$1 \times 10^{-6}$
	TH-230	$(2.26 \pm 0.21) \times 10^{-8}$	$9 \times 10^{-7}$
	RA-226	$(2.06 \pm 0.12) \times 10^{-6}$	$2 \times 10^{-7}$
SITE CENTER MID 7145	U-NAT	$(1.05 \pm 0.02) \times 10^{-6}$	$7 \times 10^{-8}$
	PB-210	$(0.00 \pm 1.21) \times 10^{-6}$	$2 \times 10^{-6}$
	*TH-230	$(7.81 \pm 9.47) \times 10^{-7}$	$1 \times 10^{-6}$
	RA-226	$(9.84 \pm 1.65) \times 10^{-7}$	$2 \times 10^{-7}$
SITE CENTER BOTTOM 7146	U-NAT	$(1.30 \pm 0.03) \times 10^{-6}$	$7 \times 10^{-8}$
	PB-210	$(3.72 \pm 7.36) \times 10^{-7}$	$1 \times 10^{-6}$
	TH-230	$(9.23 \pm 0.70) \times 10^{-6}$	$5 \times 10^{-7}$
	RA-226	$(1.04 \pm 0.10) \times 10^{-6}$	$2 \times 10^{-7}$





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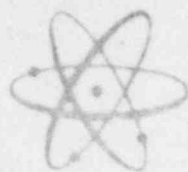
## REPORT OF ANALYSIS

ANL JOB# 85-108

### PLATEAU RESOURCES

18 SOILS FOR RA U TH PB PO 015547

SAMPLE I. D.	ISOTOPE	CONCENTRATION (UCI/G )	LLD (UCI/G )
RA #1 TOP 7267	RA-226	$(6.17 \pm 0.32) \times 10^{-6}$	$2 \times 10^{-7}$
	TH-230	$(1.11 \pm 0.04) \times 10^{-8}$	$1 \times 10^{-7}$
	PB-210	$(1.31 \pm 0.08) \times 10^{-8}$	$2 \times 10^{-7}$
	U-NAT	$(1.49 \pm 0.03) \times 10^{-8}$	$7 \times 10^{-8}$
RS #1 MID 7268	RA-226	$(8.39 \pm 1.44) \times 10^{-7}$	$2 \times 10^{-7}$
	TH-230	$(1.21 \pm 0.07) \times 10^{-8}$	$10 \times 10^{-8}$
	PB-210	$(3.63 \pm 6.21) \times 10^{-7}$	$2 \times 10^{-7}$
	U-NAT	$(2.63 \pm 0.06) \times 10^{-6}$	$7 \times 10^{-8}$
RS #1 BOT 7269	RA-226	$(4.33 \pm 0.32) \times 10^{-6}$	$2 \times 10^{-7}$
	TH-230	$(1.76 \pm 0.42) \times 10^{-6}$	$2 \times 10^{-7}$
	PB-210	$(4.30 \pm 4.17) \times 10^{-7}$	$7 \times 10^{-7}$
	U-NAT	$(8.45 \pm 0.02) \times 10^{-7}$	$7 \times 10^{-8}$
RS #2 TOP 7270	RA-226	$(1.39 \pm 0.28) \times 10^{-6}$	$2 \times 10^{-7}$
	TH-230	$(6.17 \pm 2.02) \times 10^{-7}$	$2 \times 10^{-7}$
	PB-210	$(6.07 \pm 5.23) \times 10^{-7}$	$2 \times 10^{-7}$
	U-NAT	$(3.64 \pm 0.06) \times 10^{-6}$	$7 \times 10^{-8}$
RS #2 MID 7271	RA-226	$(1.44 \pm 0.35) \times 10^{-6}$	$2 \times 10^{-7}$
	TH-230	$(5.95 \pm 1.24) \times 10^{-7}$	$10 \times 10^{-8}$
	PB-210	$(1.39 \pm 0.92) \times 10^{-6}$	$2 \times 10^{-7}$
	U-NAT	$(1.28 \pm 0.03) \times 10^{-6}$	$7 \times 10^{-8}$
RS #2 BOT 7272	RA-226	$(2.89 \pm 0.37) \times 10^{-6}$	$2 \times 10^{-7}$
	TH-230	$(1.50 \pm 0.26) \times 10^{-6}$	$1 \times 10^{-7}$
	PB-210	$(4.50 \pm 6.41) \times 10^{-7}$	$2 \times 10^{-7}$
	U-NAT	$(8.88 \pm 0.19) \times 10^{-7}$	$7 \times 10^{-8}$
RS #3 TOP 7273	RA-226	$(1.91 \pm 0.24) \times 10^{-6}$	$2 \times 10^{-7}$
	TH-230	$(9.96 \pm 1.76) \times 10^{-7}$	$8 \times 10^{-8}$
	PB-210	$(1.47 \pm 0.52) \times 10^{-6}$	$2 \times 10^{-7}$
	U-NAT	$(2.22 \pm 0.05) \times 10^{-6}$	$7 \times 10^{-8}$
RS #3 MID 7274	RA-226	$(1.02 \pm 0.24) \times 10^{-6}$	$2 \times 10^{-7}$
	TH-230	$(7.34 \pm 1.16) \times 10^{-7}$	$1 \times 10^{-7}$
	PB-210	$(1.05 \pm 0.62) \times 10^{-6}$	$2 \times 10^{-7}$
	U-NAT	$(7.65 \pm 0.16) \times 10^{-7}$	$7 \times 10^{-8}$



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REPORT OF ANALYSIS

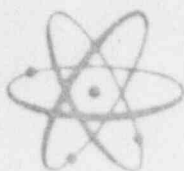
ANL JOB# 85-108

PLATEAU RESOURCES

18 SOILS FOR RA U TH PB PO 015547

SAMPLE I. D.	ISOTOPE	CONCENTRATION(UCI/G )	LLD(UCI/G )
RS #3 BOT 7275	RA-226	$(3.93 \pm 0.32) \times 10^{-6}$	$2 \times 10^{-7}$
	TH-230	$(1.33 \pm 1.09) \times 10^{-7}$	$1 \times 10^{-7}$
	PB-210	$(1.16 \pm 0.69) \times 10^{-6}$	$2 \times 10^{-7}$
	U-NAT	$(8.88 \pm 0.19) \times 10^{-7}$	$7 \times 10^{-8}$
RS #4 TOP 7276	RA-226	$(6.70 \pm 1.15) \times 10^{-7}$	$2 \times 10^{-7}$
	TH-230	$(5.67 \pm 2.05) \times 10^{-7}$	$8 \times 10^{-8}$
	PB-210	$(3.70 \pm 0.69) \times 10^{-6}$	$2 \times 10^{-7}$
	U-NAT	$(1.64 \pm 0.03) \times 10^{-6}$	$7 \times 10^{-8}$
RS #4 MID 7277	RA-226	$(0.00 \pm 2.46) \times 10^{-7}$	$2 \times 10^{-7}$
	TH-230	$(6.44 \pm 3.26) \times 10^{-7}$	$2 \times 10^{-7}$
	PB-210	$(1.95 \pm 0.74) \times 10^{-6}$	$2 \times 10^{-7}$
	U-NAT	$(1.73 \pm 0.04) \times 10^{-6}$	$7 \times 10^{-8}$
RS #4 BOT 7278	RA-226	$(4.58 \pm 2.73) \times 10^{-7}$	$2 \times 10^{-7}$
	TH-230	$(6.85 \pm 0.74) \times 10^{-7}$	$8 \times 10^{-8}$
	PB-210	$(1.01 \pm 0.56) \times 10^{-6}$	$2 \times 10^{-7}$
	U-NAT	$(7.45 \pm 0.16) \times 10^{-7}$	$7 \times 10^{-8}$
RS #5 TOP 7279	RA-226	$(2.16 \pm 0.27) \times 10^{-6}$	$2 \times 10^{-7}$
	TH-230	$(2.62 \pm 0.42) \times 10^{-6}$	$1 \times 10^{-7}$
	PB-210	$(2.49 \pm 0.69) \times 10^{-6}$	$2 \times 10^{-7}$
	U-NAT	$(6.80 \pm 0.14) \times 10^{-6}$	$7 \times 10^{-8}$
RS #5 MID 7280	RA-226	$(3.46 \pm 2.91) \times 10^{-7}$	$2 \times 10^{-7}$
	TH-230	$(6.44 \pm 1.92) \times 10^{-7}$	$8 \times 10^{-8}$
	PB-210	$(4.38 \pm 5.77) \times 10^{-7}$	$2 \times 10^{-7}$
	U-NAT	$(7.09 \pm 0.13) \times 10^{-7}$	$7 \times 10^{-8}$
RS #5 BOT 7281	RA-226	$(8.36 \pm 1.28) \times 10^{-7}$	$2 \times 10^{-7}$
	TH-230	$(9.68 \pm 1.41) \times 10^{-7}$	$9 \times 10^{-8}$
	PB-210	$(0.00 \pm 5.61) \times 10^{-7}$	$2 \times 10^{-7}$
	U-NAT	$(6.89 \pm 0.13) \times 10^{-7}$	$7 \times 10^{-8}$
RS #6 TOP 7282	RA-226	$(0.00 \pm 2.85) \times 10^{-7}$	$2 \times 10^{-7}$
	TH-230	$(4.42 \pm 0.86) \times 10^{-7}$	$6 \times 10^{-8}$
	PB-210	$(4.00 \pm 4.70) \times 10^{-7}$	$2 \times 10^{-7}$
	U-NAT	$(3.15 \pm 0.07) \times 10^{-6}$	$7 \times 10^{-8}$





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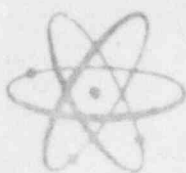
## REPORT OF ANALYSIS

ANL JOB# 85-108

### PLATEAU RESOURCES

18 SOILS FOR RA U TH PB PO 015547

SAMPLE I. D.	ISOTOPE	CONCENTRATION(UCI/G )	LLD(UCI/G )
RS #6 MID 7283	RA-226	$(1.51 \pm 0.25) \times 10^{-6}$	$2 \times 10^{-7}$
	TH-230	$(4.07 \pm 1.34) \times 10^{-7}$	$9 \times 10^{-8}$
	PB-210	$(4.54 \pm 5.33) \times 10^{-7}$	$2 \times 10^{-7}$
	U-NAT	$(8.32 \pm 0.18) \times 10^{-7}$	$7 \times 10^{-8}$
RS #6 BOT 7284	RA-226	$(1.98 \pm 0.33) \times 10^{-6}$	$2 \times 10^{-7}$
	TH-230	$(1.91 \pm 1.00) \times 10^{-7}$	$7 \times 10^{-8}$
	PB-210	$(0.00 \pm 9.56) \times 10^{-7}$	$2 \times 10^{-7}$
	U-NAT	$(6.68 \pm 0.14) \times 10^{-7}$	$7 \times 10^{-8}$



# ALPHA NUCLEAR LABORATORIES INC.

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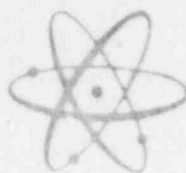
## REPORT OF ANALYSIS

ANL JOB# 85-109

### PLATEAU RESOURCES

#### 6 SOILS FOR RA PB TH AND U

SAMPLE I. D.	ISOTOPE	CONCENTRATION (UCI/G )	LLD (UCI/G )
RS #7 TOP 7285	RA-226	$(7.20 \pm 0.31) \times 10^{-6}$	$2 \times 10^{-7}$
	TH-230	$(5.50 \pm 0.26) \times 10^{-6}$	$7 \times 10^{-8}$
	PB-210	$(1.68 \pm 0.11) \times 10^{-6}$	$7 \times 10^{-7}$
	U-NAT	$(7.53 \pm 0.06) \times 10^{-6}$	$7 \times 10^{-8}$
RS #7 MID 7286	RA-226	$(0.00 \pm 1.97) \times 10^{-7}$	$2 \times 10^{-7}$
	TH-230	$(4.54 \pm 0.75) \times 10^{-7}$	$5 \times 10^{-8}$
	PB-210	$(1.88 \pm 0.74) \times 10^{-6}$	$7 \times 10^{-7}$
	U-NAT	$(9.87 \pm 0.07) \times 10^{-7}$	$7 \times 10^{-8}$
RS #7 BOT 7287	RA-226	$(2.35 \pm 0.35) \times 10^{-6}$	$3 \times 10^{-7}$
	TH-230	$(9.16 \pm 2.29) \times 10^{-7}$	$1 \times 10^{-7}$
	PB-210	$(1.72 \pm 0.87) \times 10^{-6}$	$7 \times 10^{-7}$
	U-NAT	$(1.66 \pm 0.01) \times 10^{-6}$	$7 \times 10^{-8}$
RS #8 TOP 7288	RA-226	$(3.20 \pm 0.22) \times 10^{-6}$	$2 \times 10^{-7}$
	TH-230	$(1.05 \pm 0.24) \times 10^{-6}$	$1 \times 10^{-7}$
	PB-210	$(5.68 \pm 1.08) \times 10^{-6}$	$7 \times 10^{-7}$
	U-NAT	$(2.00 \pm 0.02) \times 10^{-6}$	$7 \times 10^{-8}$
RS #8 MID 7289	RA-226	$(5.05 \pm 4.34) \times 10^{-7}$	$2 \times 10^{-7}$
	TH-230	$(6.29 \pm 1.37) \times 10^{-7}$	$1 \times 10^{-7}$
	PB-210	$(2.46 \pm 0.65) \times 10^{-6}$	$7 \times 10^{-7}$
	U-NAT	$(7.53 \pm 0.06) \times 10^{-6}$	$7 \times 10^{-8}$
RS #8 BOT 7290	RA-226	$(1.47 \pm 0.26) \times 10^{-6}$	$2 \times 10^{-7}$
	TH-230	$(9.13 \pm 1.35) \times 10^{-7}$	$10 \times 10^{-8}$
	PB-210	$(1.91 \pm 0.88) \times 10^{-6}$	$7 \times 10^{-7}$
	U-NAT	$(4.70 \pm 0.03) \times 10^{-6}$	$7 \times 10^{-8}$



# ALPHA NUCLEAR LABORATORIES INC.

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## REPORT OF ANALYSIS

ANL JOB# 85-178

### PLATEAU RESOURCES

#### 12 SOILS FOR U-NAT AND RA-226

SAMPLE I. D.	ISOTOPE	CONCENTRATION (UCI/G )	LLD (UCI/G )
BOBS CENTER LINE WEST 50 7725	RA-226 U-NAT	(3.63 $\pm$ 0.06) X 10 <sup>-6</sup> (1.29 $\pm$ 0.03) X 10 <sup>-8</sup>	1 X 10 <sup>-7</sup> 7 X 10 <sup>-8</sup>
BOBS CENTER LINE EAST 50 7726	RA-226 U-NAT	(9.19 $\pm$ 3.83) X 10 <sup>-7</sup> (2.96 $\pm$ 0.04) X 10 <sup>-8</sup>	2 X 10 <sup>-7</sup> 7 X 10 <sup>-8</sup>
BOBS CENTER LINE SOUTH 50 7727	RA-226 U-NAT	(2.06 $\pm$ 0.21) X 10 <sup>-6</sup> (5.76 $\pm$ 0.13) X 10 <sup>-8</sup>	2 X 10 <sup>-7</sup> 7 X 10 <sup>-8</sup>
BOBS CENTER LINE SOUTH 100 7728	RA-226 U-NAT	(3.63 $\pm$ 0.17) X 10 <sup>-6</sup> (7.73 $\pm$ 0.47) X 10 <sup>-8</sup>	1 X 10 <sup>-7</sup> 7 X 10 <sup>-8</sup>
BOBS CENTER LINE SOUTH 150 7729	RA-226 U-NAT	(4.47 $\pm$ 0.10) X 10 <sup>-6</sup> (1.18 $\pm$ 0.07) X 10 <sup>-8</sup>	1 X 10 <sup>-7</sup> 7 X 10 <sup>-8</sup>
BOBS 0-0 CTR LINE TO CTR LINE 7730	RA-226 U-NAT	(3.40 $\pm$ 0.19) X 10 <sup>-6</sup> (9.03 $\pm$ 0.13) X 10 <sup>-8</sup>	2 X 10 <sup>-7</sup> 7 X 10 <sup>-8</sup>
BOBS SOUTH 100 EAST 50 7731	RA-226 U-NAT	(2.66 $\pm$ 0.22) X 10 <sup>-6</sup> (7.08 $\pm$ 0.10) X 10 <sup>-8</sup>	2 X 10 <sup>-7</sup> 7 X 10 <sup>-8</sup>
BOBS WEST 50 SOUTH 100 7732	RA-226 U-NAT	(1.31 $\pm$ 0.23) X 10 <sup>-6</sup> (2.63 $\pm$ 0.04) X 10 <sup>-8</sup>	2 X 10 <sup>-7</sup> 7 X 10 <sup>-8</sup>
BOBS EAST 50 SOUTH 50 7733	RA-226 U-NAT	(1.42 $\pm$ 0.59) X 10 <sup>-6</sup> (1.66 $\pm$ 0.02) X 10 <sup>-8</sup>	2 X 10 <sup>-7</sup> 7 X 10 <sup>-8</sup>
BOBS WEST 50 SOUTH 50 7734	RA-226 U-NAT	(9.91 $\pm$ 4.58) X 10 <sup>-7</sup> (2.90 $\pm$ 0.04) X 10 <sup>-8</sup>	2 X 10 <sup>-7</sup> 7 X 10 <sup>-8</sup>
BOBS SOUTH 150 EAST 50 7735	RA-226 U-NAT	(1.35 $\pm$ 0.49) X 10 <sup>-6</sup> (1.22 $\pm$ 0.02) X 10 <sup>-8</sup>	2 X 10 <sup>-7</sup> 7 X 10 <sup>-8</sup>
BOBS SOUTH 150 WEST 50 7736	RA-226 U-NAT	(1.54 $\pm$ 0.26) X 10 <sup>-6</sup> (1.22 $\pm$ 0.07) X 10 <sup>-8</sup>	2 X 10 <sup>-7</sup> 7 X 10 <sup>-8</sup>