

Preliminary U/P ratios of Rexspar
from Dick Bull Nov 9/87

675436
Rexspar
82M/5

DIAGENETIC AND OTHER URANIUM MINERAL DATA

NO	SAMPLE ID	WT. (mg)	304\308	308\306	308\309	304\309	87/4	U (%)	Th (%)	Pb (%)	COMMON	335U	307Pb	335U
1	RAD 82-800A	0.10	0.18188	0.30508	0.00883	0.00883	44.6	11.88	33.88	35.18	3.3110	0.5800		
2	GLV 82-34	18.80	0.10882	0.00883	0.00141	0.00141	38.1	8.30	8.81	1.33	1.3412	0.8311	0.0578	
3	RAD 82-800B	0.10	0.18311	0.31503	0.00105	0.00105	43.5	24.81	30.31	34.80	3.8085	0.5181		
4	RAD 82-800C	0.10	0.18311	0.31503	0.00105	0.00105	43.5	24.81	30.31	34.80	3.8085	0.5181		
5	GLV 82-38E	28.00	0.35883	0.00883	0.00141	0.00141	34.2	18.65	8.88	61.81	0.1613	0.0153	0.7833	
6	GLV 82-34	18.80	0.10882	0.00883	0.00141	0.00141	38.1	8.30	8.81	1.33	1.3412	0.8311	0.0578	
7	RAD 82-800A	0.10	0.18188	0.30508	0.00883	0.00883	44.6	11.88	33.88	35.18	3.3110	0.5800		
8	C(Lyde)	380.0	0.43884	1.05104	0.02831	0.02831	38.0	0.31	9.8*	11.31	0.0084	0.0003		
9	B(FLVA-20)	150.0	0.32838	0.80301	0.01433	0.01433	88.8	0.36	23.7*	20.18	0.7413	0.0321		
10	V(RD11-100)	330.0	0.11188	0.38143	0.02438	0.02438	31.8	0.36	88.8*	50.81	0.1688	0.0531		
11	LD12E-801F	28.00	0.08811	0.02543	0.00141	0.00141	38.1	8.30	0.33	8.81	0.3328	0.0578		

* concentration in ppm

Ken
I forgot to send these.
Actually not so good
but Ralph is re-massaging
them. → one uranium
the other late R.
More later.
Dad

A(RAD77-100)

Pb TRACER ATOMIC FRACTIONS(4,6,7,8)
0.0 0.0022 0.0005 0.9973

U TRACER(FRAC)235,238 Th TRACER(FRAC)230,232
0.99872 0.00128 0.92040 0.07960

SAMPLE (mg.) Pb ALIQUOT (mg.) U-Th ALIQUOT (mg.)
0.22000E+03 0.5545E+01 0.5545E+01

Pb TRACER WT. U TRACER WT. Th TRACER WT.(microgm.)
1.6098 7.7654 10.2509

Pb BLANK(microgm.) AND ITS RATIOS 6/4,ETC.
0.0015 18.340 15.640 38.220

Pb SAMPLE RATIOS (7/6,8/6,4/6)
0.1125090 0.3925610 0.0042970

Pb MIXTURE RATIOS (7/6,8/6) 8/7(CALC.)
0.1180170 3.9848824 33.7653198

U MIXTURE (238/235) Th MIXTURE (232/230)
2.4919004 0.1387000

COMP. OF COMMON Pb(6/4,7/4,8/4)
18.316 15.644 38.280 300 my Com. Pb

SAMPLE ATOMIC PERCENT	MICROMOLES Pb FROM 8/6 & 8/7 (OR 7/6) RATIO	
0.28469 66.25298 7.45405 26.00833	0.00321	0.00336

SAMPLE EX BLANK		
0.28225 66.34593 7.42266 25.94917	0.00321	LESS BLANK

RADIOGENIC Pb (AS ATOMIC FRACTION)
-0.0 0.61176 0.03007 0.15145

207Pb/206Pb	206Pb/238U	207Pb/235U	208Pb/232Th
0.4916E-01	0.2345E-01	0.1589E+00	0.2275E+00

U CONC	Th CONC	Pb CONC(ppm)
0.3619E+04	0.8956E+02	0.1195E+03

COMMON Pb (microgm.)	% OF TOTAL	CONC. IN ppm.
0.1370E+00	20.67	0.2470E+02

17/6 (Ma)	16/8 (Ma)	17/5 (Ma)	18/2 (Ma)
155.0	149.4	149.8	4143.2

↑
Kimmer
L. J. J.

↑
L. J.

↑
L. J.

↑
redice

B(GFA77-50)

Pb TRACER ATOMIC FRACTIONS(4,6,7,8)
0.0 0.0022 0.0005 0.9973

U TRACER(FRAC)235,238 Th TRACER(FRAC)230,232
0.99872 0.00128 0.92040 0.07960

SAMPLE (mg.) Pb ALIQUOT (mg.) U-Th ALIQUOT (mg.)
0.17000E+03 0.1190E+02 0.2457E+02

Pb TRACER WT. U TRACER WT. Th TRACER WT.(microgm.)
1.4458 3.2466 8.0684

Pb BLANK(microgm.) AND ITS RATIOS 6/4,ETC.
0.0015 18.340 15.640 38.220

Pb SAMPLE RATIOS (7/6,8/6,4/6)
0.2600090 0.8043930 0.0142620

Pb MIXTURE RATIOS (7/6,8/6) 8/7(CALC.)
0.2625430 4.7224731 17.9874115

U MIXTURE (238/235) Th MIXTURE (232/230)
5.3031998 0.7695600

COMP. OF COMMON Pb(6/4,7/4,8/4)
18.316 15.644 38.280 300 my Com. Pb

SAMPLE ATOMIC PERCENT	MICROMOLES Pb	
	FROM 8/6 & 8/7 (OR 7/6) RATIO	
0.68611 48.10783 12.50847 38.69760	0.00364	0.00369

SAMPLE EX BLANK		
0.68476 48.15376 12.49080 38.67065	0.00363	LESS BLANK

RADIOGENIC Pb (AS ATOMIC FRACTION)
-0.0 0.35612 0.01778 0.12458

207Pb/206Pb	206Pb/238U	207Pb/235U	208Pb/232Th
0.4994E-01	0.3510E-01	0.2417E+00	0.4247E-01

U CONC	Th CONC	Pb CONC(ppm)
0.7423E+03	0.2081E+03	0.6312E+02

COMMON Pb (microgm.)	% OF TOTAL	CONC. IN ppm.
0.3769E+00	50.15	0.3166E+02

T7/6 (Ma)	T6/8 (Ma)	T7/5 (Ma)	T8/2 (Ma)
192.0	222.4	219.8	840.6

↑
F₂Sm

↑
Li₂

↑
Li₂