

DATE 20 JUN 78  
BOMB 8063  
IDECK 14

\$ = INCOMPLETE SPECTRUM  
+ = PILL NR DID NOT MATCH  
X = B-TAGWORD DID NOT MATCH  
S = PEAK SHIFT GREATER THAN 5 CH  
H = HALFWIDTH GREATER THAN 3.00  
C = 1 MIN CH DIFF GE 3  
C = 10 MIN STD - (NA-MN)/NA FLUX .LE.0. OR .GT. .08  
C = 20 MIN STD - SM FLUX DIFF BETWEEN STDS .GT. 5.0  
C = LONG STD - SC FLUX DIFF BETWEEN STDS .GT. 5.0  
C = 80 MIN STD - TA FLUX DIFF BETWEEN STDS .GT. 5.0

TAGWORD	PILL	ERROR	HALFWIDTH
607104	B	H	7.64
607103	A	H	8.18
607151	A	H	8.05
607105	C	H	8.20
607106	D	H	7.77
607107	E	H	7.93
607108	F	H	7.89
607109	G	H	7.52
607110	H	H	7.90
607111	I	H	7.85
607112	J	H	7.95
607113	K	H	7.64
607114	L	H	7.84
607115	M	H	7.93
607116	N	H	8.10
607117	O	H	7.89
607118	P	H	7.91
607119	Q	H	7.91
607120	R	H	7.91
607121	S	H	7.79
607122	T	H	7.99
607123	U	H	7.94
607124	V	H	8.01
607125	W	H	8.10
607126	X	H	7.90
607127	Y	H	8.05
607128	Z	H	7.93
607129	1	H	7.81
607130	2	H	7.90
607131	3	H	7.97
607132	4	H	7.85
607133	5	H	7.91
607134	6	H	7.99
607135	7	H	7.94
607136	8	H	7.98
607137	9	H	8.04
607138	+	H	7.79
607139	-	H	7.75
607140	*	H	8.12

607141	/	H	7.67
607142	(	H	7.94
607143	\$	H	7.95
607144	.	H	7.98
607145	)	H	7.86
607146	#	H	7.86
607147	>	H	7.75
607148	^	H	7.90
607149	†	H	7.62
607150	:	H	7.65

8063 B BACK BACKGROUND  
GAMMA SPECTRUM-B 607134

WEIGHT OF STD = 100.00000 MG EOB = 0. MJD IRRADIATION IME = 0. MIN DECAY TIME = 2295.00 DAYS  
 COUNT TIME = 79.998 MIN C/SEC BEG. = 0 C/SEC END = 0 START TIME = 2295.00 MJD

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.64 CHANNELS

STANDARD	HALF LIFE	GAMMA ENERGY	ELEMENT FRACTION OF STANDARD	GROSS COUNTS	BKGD	BKGD	PPR EAK HAN	REAL PEAK CHAN	N I APPROX	CPM	ISOTOPE ABUND.	CALCULATED FLUX	
					COUNTS	OPT. MULT.		CH SP	BKGD CHAN	O/O			
1 INCOH	-0.	*0000 1.000 +/- 0.	E 0	20852	4141	-25-0.	385	388 30 -0	17 16711.0	-0.	1.671 +/- .030E 4		
1 COH	-0.	*2311 1.000 +/- 0.	E 0	2289	1488	-8-0.	0412	415 12 -0	9 479.3	-0.	4.793 +/- .644E 2		
1 FE	-0.	*0640 6.300 +/- 0.	E -3	183	156	-16-0.	0105	104 9 1	29 16.2	-0.	2.565 +/- 2.001E 3		
1 CR	-0.	*0541 30.000 +/- .490E -0	73	93	-5-0.	9784	84 5 1	3 -12.0	-0.	-.399 +/- -.247E -0			
												FE PEAK IS AT CHANNEL 103.84 WITH HALFWIDTH OF 2.02. CR PEAK IS INTEGRATED BEGINNING EXACTLY -21.60 CHANNELS HIGHER.	
												COUNTS REMOVED FROM NEXT PEAK = 0 FE, ( .00120), 0 CR, ( .11000),	
1 MN	-0.	*0590 30.000 +/- .648E -0	90	103	-6-0.	9874	94 6 1 39	-7.8	-0.	-.260 +/- -.317E -0			
												FE PEAK IS AT CHANNEL 103.84 WITH HALFWIDTH OF 2.02. MN PEAK IS INTEGRATED BEGINNING EXACTLY -12.60 CHANNELS HIGHER.	
1 TI	-0.	*1451 30.000 +/- .090E -0	118	110	-6-0.	9604	67 6 -0 14	4.8	-0.	.160 +/- .450E -0			
												FE PEAK IS AT CHANNEL 103.84 WITH HALFWIDTH OF 2.02. TI PEAK IS INTEGRATED BEGINNING EXACTLY -39.60 CHANNELS HIGHER.	
1 CA	-0.	*0369 30.000 +/- .032E -0	160	162	-13-0.	9434	50 6 1 11	-1.2	-0.	-3.989 +/- 5.616E -2			
												FE PEAK IS AT CHANNEL 103.84 WITH HALFWIDTH OF 2.02. CA PEAK IS INTEGRATED BEGINNING EXACTLY -56.60 CHANNELS HIGHER.	
1 V	-0.	*0495 30.000 +/- .220E -0	82	88	-4-0.	9704	76 5 1 4	-3.6	-0.	-.120 +/- -.249E -0			
												FE PEAK IS AT CHANNEL 103.84 WITH HALFWIDTH OF 2.02. V PEAK IS INTEGRATED BEGINNING EXACTLY -29.60 CHANNELS HIGHER.	
1 ZN	-0.	*0863 30.000 +/- 4.000E -0	102	102	-6-0.	0394	148 10 -0	7 .0	-0.	1.995 +/- 2.455E -5			
												FE PEAK IS AT CHANNEL 103.84 WITH HALFWIDTH OF 2.02. ZN PEAK IS INTEGRATED BEGINNING EXACTLY 39.40 CHANNELS HIGHER.	
1 CU	-0.	*0805 30.000 +/- 2.900E -0	130	105	-6-0.	0284	136 9 -0	5 15.0	-0.	.499 +/- .493E -0			
												FE PEAK IS AT CHANNEL 103.84 WITH HALFWIDTH OF 2.02. CU PEAK IS INTEGRATED BEGINNING EXACTLY 28.40 CHANNELS HIGHER.	
1 PB	-0.	*1265 30.000 +/- 2.000E -0	77	88	-8-0.	8090	231 11 -0	8 -6.6	-0.	-.219 +/- .472E -0			
												PEAK IS AT CHANNEL 416.82 WITH HALFWIDTH OF 10.06. PB PEAK IS INTEGRATED BEGINNING EXACTLY *91.00 CHANNELS HIGHER.	
1 RB	-0.	*1338 1.490 +/- 0.	E -4	66	45	-8-0.	8210	242 9 0	6 12.6	-0.	8.434 +/- 6.633E 4		
												PEAK IS AT CHANNEL 416.82 WITH HALFWIDTH OF 10.06. RB PEAK IS INTEGRATED BEGINNING EXACTLY *79.00 CHANNELS HIGHER.	
1 SR	-0.	*1415 1.530 +/- 0.	E -4	62	68	-1-0.	8340	256 11 4 -37	-3.6	-0.	-2.347 +/- 6.172E 4		
												PEAK IS AT CHANNEL 416.82 WITH HALFWIDTH OF 10.06. SR PEAK IS INTEGRATED BEGINNING EXACTLY *66.00 CHANNELS HIGHER.	
												CCUNTS REMOVED FROM NEXT PEAK = 3 RB, ( .16500),	
1 Y	-0.	*1493130.000 +/- 1.400E -0	42	68	-1-0.	8520	274 11 4 -55	-17.6	-0.	-.136 +/- -.070E -0			
												PEAK IS AT CHANNEL 416.82 WITH HALFWIDTH OF 10.06. Y PEAK IS INTEGRATED BEGINNING EXACTLY *48.00 CHANNELS HIGHER.	
												CCUNTS REMOVED FROM NEXT PEAK = 0 SR, ( .16500), 0 PB, ( .05500),	
1 ZR	-0.	*1575 1.170 +/- 0.	E -4	95	100	-1 1.070	8660	290 15 4 -70	-3.0	-0.	-2.558 +/- 1.371E 4		
												PEAK IS AT CHANNEL 416.82 WITH HALFWIDTH OF 10.06. ZR PEAK IS INTEGRATED BEGINNING EXACTLY *34.00 CHANNELS HIGHER.	
												COUNTS REMOVED FROM NEXT PEAK = 0 Y, ( .15200),	
1 NB	-0.	*1659150.000 +/- 1.400E -0	93	95	-1 1.400	8844	306 11 4 -86	-1.2	-0.	-7.983 +/- 5.518E -3			
												PEAK IS AT CHANNEL 416.82 WITH HALFWIDTH OF 10.06. NB PEAK IS INTEGRATED BEGINNING EXACTLY *15.60 CHANNELS HIGHER.	
												COUNTS REMOVED FROM NEXT PEAK = 0 ZR, ( .15900),	
1 MO	-0.	*1744150.000 +/- 2.000E -0	137	165	-9-0.	9050	328 13 -0	12 -16.8	-0.	-.112 +/- -.136E -0			
												PEAK IS AT CHANNEL 416.82 WITH HALFWIDTH OF 10.06. MO PEAK IS INTEGRATED BEGINNING EXACTLY *95.00 CHANNELS HIGHER.	
1 NI	-0.	*0747 30.000 +/- 1.349E -0	51	64	-1-0.	0201	125 4 1	5 -7.8	-0.	-.259 +/- -.350E -0			
												FE PEAK IS AT CHANNEL 103.84 WITH HALFWIDTH OF 2.02. NI PEAK IS INTEGRATED BEGINNING EXACTLY 20.00 CHANNELS HIGHER.	
1 K	-0.	*0331 30.000 +/- 1.000E -0	166	207	-4-0.	9365	43 6 -0	17 -24.5	-0.	-.818 +/- .658E -0			
												FE PEAK IS AT CHANNEL 103.84 WITH HALFWIDTH OF 2.02. K PEAK IS INTEGRATED BEGINNING EXACTLY -63.50 CHANNELS HIGHER.	

8063 B BACK BACKGROUND  
GAMMA SPECTRUM-B 607104

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.64 CHANNELS  
STD NUMBER 1 -607104 B SAMPLE WEIGHT = 100.00000 G DEAD TIME = .09 0/0 EOB = 0. MJD  
IRRADIATION TIME = . MIN DECAY TIME = 2295.00 DAYS COUNT TIME = 79.998 MIN C/SEC BEG. = 0. C/SEC END = 0.  
START TIME = 2295.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BE AN 0/ 0/ 0 PST

NUCLIDE	HALF LIFE DAYS	GAMMA ENERGY KEV	GAMMA INTENS. 0/0	COUNTS 0/0	CROSS SECTION BARNs	GROSS COUNTS	BKGD APPR PEAK CHAN	REAL PEAK CHAN	LUX(N/MIN-CM2)	CPM	MULT	ELEMENT	ELEMENT
									DECAY CORR.			ABUNDANCE	
INCOH	-0.	*0000	-0.	-0.	-0.	20852	4141	385	388	.671 +/- .030E 4	-0	1.00000	-.006 +/- 1.797E -9
COH	-0.	*2311	-0.	-0.	-0.	2289	1488*0412	415		.793 +/- .644E 0	2*0000000.0	1.00000	-.000 +/- 5.019E 20
FE	-0.	*0640	-0.	-0.	-0.	183	156*0105	104		.565 +/- 2.001E 0	3*0000000.0	1.00000	-.000 +/- 3.162E 18 FE
CR	-0.	*0541	-0.	-0.	-0.	73	93*9784	84		.257 +/- .980E 0	3*0000000.0	1.00000	-.000 +/- 4.780E 18 CR
									UMMED STARTING -21.60 CHANNELS HIGHER.				
									FE PEAK IS AT CHANNEL 103.84 WITH HALFWIDTH OF 2.02. CR PEAK IS 0.02. CR, ( .11000), 0 FE, ( .00120),				
									COUNTS REMOVED FROM NEXT PEAK = 0 FE, ( .00120), 0 CR, ( .11000),				
MN	-0.	*0590	-0.	-0.	-0.	90	103*9874	94		.662 +/- 1.297E 0	3*0000000.0	.00120	-.000 +/- 2.356E 18 MN
TI	-0.	*0451	-0.	-0.	-0.	118	110*9604	67		.308 +/- 1.801E 0	2*0000000.0	1.00000	-.000 +/- 1.041E 19 TI
CA	-0.	*0369	-0.	-0.	-0.	160	162*9434	50		.335 +/- 6.503E 0	1*0000000.0	1.00000	-.000 +/- 7.207E 18 CA
V	-0.	*0495	-0.	-0.	-0.	82	88*9704	76		.642 +/- 4.402E 0	2*0000000.0	1.00000	-.000 +/- 3.194E 18 V
ZN	-0.	*0863	-0.	-0.	-0.	102	102*0394	148		.026 +/- .800E 0	4*0000000.0	1.00000	-.000 +/- 2.928E 13 ZN
CU	-0.	*0805	-0.	-0.	-0.	130	105*0284	136		.437 +/- 5.803E 0	3*0000000.0	1.00000	-.000 +/- 1.010E 18 CU
PB	-0.	*1265	-0.	-0.	-0.	77	88*8090	231		.129 +/- 4.002E 0	3*0000000.0	1.00000	-.000 +/- 6.441E 17 PB
RB	-0.	*1338	-0.	-0.	-0.	66	45*8210	242		.434 +/- 6.633E 0	4*1278267.6	1.00000	-.000 +/- 3.633E 16 RB
SR	-0.	*1415	-0.	-0.	-0.	62	68*8340	256	1	.000 +/- .000E 0	*79.00 CHANNELS HIGHER.		
									PEAK IS AT CHANNEL 416.82 WITH HALFWIDTH OF 10.06. SR PEAK IS 0.000 +/- .000E 0				
									PEAK IS AT CHANNEL 416.82 WITH HALFWIDTH OF 10.06. SR PEAK IS 0.000 +/- .000E 0				
Y	-0.	*1493	-0.	-0.	-0.	42	68*8520	274	1	.000 +/- .000E 0	-6*2692763.3	.16500	-.000 +/- 5.564E 26 Y
									PEAK IS AT CHANNEL 416.82 WITH HALFWIDTH OF 10.06. Y PEAK IS 0.000 +/- .000E 0				
ZR	-0.	*1575	-0.	-0.	-0.	95	100*8660	290	1	.000 +/- .000E 0	-6*5334539.7	.16500	-.000 +/- 1.063E 26 ZR
									PEAK IS AT CHANNEL 416.82 WITH HALFWIDTH OF 10.06. ZR PEAK IS 0.000 +/- .000E 0				
NB	-0.	*1659	-0.	-0.	-0.	93	95*8844	306	1	.000 +/- .000E 0	-6*2228361.3	.15200	-.000 +/- 4.782E 25 NB
									PEAK IS AT CHANNEL 416.82 WITH HALFWIDTH OF 10.06. NB PEAK IS 0.000 +/- .000E 0				
MO	-0.	*1744	-0.	-0.	-0.	137	165*9050	328	1	.000 +/- .000E 0	-6*7319037.4	.15900	-.000 +/- 7.531E 26 MO
									PEAK IS AT CHANNEL 416.82 WITH HALFWIDTH OF 10.06. MO PEAK IS 0.000 +/- .000E 0				
NI	-0.	*0747	-0.	-0.	-0.	51	64*0200	125		.460 +/- 2.699E 0	3*0000000.0	1.00000	-.000 +/- 1.129E 18 NI
K	-0.	*0331	-0.	-0.	-0.	166	207*9365	43		.565 +/- 2.001E 0	3*0000000.0	1.00000	-.000 +/- 4.802E 18 K
									FE PEAK IS AT CHANNEL 103.84 WITH HALFWIDTH OF 2.02. K PEAK IS 0.000 +/- .000E 0				
									COUNT RATE CORRECTION FOR LAST ELEMENT = I				

8063 A LUB-30 L-122 EL CHAYAL CONTROL  
GAMMA SPECTRUM-B 607103

WEIGHT OF STD = 100.0000 MG EOB = 0. MJD IRRADIATION IME = 0. MIN DECAY TIME = 83247.00 DAYS  
COUNT TIME = 79.991 MIN C/SEC BEG. = 0 C/SEC END = 0 START TIME = 83247.00 MJD

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 8.18 CHANNELS

STANDARD	HALF LIFE	GAMMA ENERGY	ELEMENT FRACTION OF STANDARD	GROSS COUNTS	BKGD COUNTS	BKGD OPT.	BKGD MULT.	PPR EAK HAN	REAL PEAK CHAN	N I APPROX CPM	ISOTOPE CPM	ABUND.	CALCULATED FLUX
1 INCOH	-0.	*1000 1.000 +/-0.	E 0	458553	119005	-25-0.		385	388 30 -0	17	322837.0	-0.	3.228 +/- .016E 5
1 COH	-0.	*2311 1.000 +/-0.	E 0	112281	47463	-8-0.		0412	415 12 -0	9	2007.8	-0.	2.008 +/- .022E 3
1 FE	-0.	*0640 6.300 +/-0.	E -3	8304	1337	-16-0.		0105	104 9 1	29	215.8	-0.	3.425 +/- .053E 4
1 CR	-0.	*0541 30.000 +/- .490E -0		791	774	-5-0.		9784	85 5 1	3	.5	-0.	1.755 +/- 3.969E -2
													FE PEAK IS AT CHANNEL 104.22 WITH HALFWIDTH OF 5.23. CR PEAK IS INTEGRATED BEGINNING EXACTLY -21.60 CHANNELS HIGHER. COUNTS REMOVED FROM NEXT PEAK = 8 FE, ( .00120), 2 CR, ( .11000),
1 MN	-0.	*0590 30.000 +/- .648E -0		1341	905	-6-0.		9874	94 6 1	39	13.2	-0.	.440 +/- .054E -0
													FE PEAK IS AT CHANNEL 104.22 WITH HALFWIDTH OF 5.23. MN PEAK IS INTEGRATED BEGINNING EXACTLY -12.60 CHANNELS HIGHER.
1 TI	-0.	*0451 30.000 +/- .090E -0		1108	950	-6-0.		9604	67 6 -0	14	4.9	-0.	.163 +/- .069E -0
													FE PEAK IS AT CHANNEL 104.22 WITH HALFWIDTH OF 5.23. TI PEAK IS INTEGRATED BEGINNING EXACTLY -39.60 CHANNELS HIGHER.
1 CA	-0.	*0369 30.000 +/- .032E -0		1484	1142	-13-0.		9434	50 6 1	11	10.6	-0.	.353 +/- .053E -0
													FE PEAK IS AT CHANNEL 104.22 WITH HALFWIDTH OF 5.23. CA PEAK IS INTEGRATED BEGINNING EXACTLY -56.60 CHANNELS HIGHER.
1 V	-0.	*0495 30.000 +/- .220E -0		812	776	-4-0.		9704	77 5 1	4	1.1	-0.	3.717 +/- 3.943E -2
													FE PEAK IS AT CHANNEL 104.22 WITH HALFWIDTH OF 5.23. V PEAK IS INTEGRATED BEGINNING EXACTLY -29.60 CHANNELS HIGHER.
1 ZN	-0.	*0863 30.000 +/- 4.000E -0		1412	1128	-6-0.		0394	148 10 -0	7	8.8	-0.	.293 +/- .087E -0
													FE PEAK IS AT CHANNEL 104.22 WITH HALFWIDTH OF 5.23. ZN PEAK IS INTEGRATED BEGINNING EXACTLY 39.40 CHANNELS HIGHER.
1 CU	-0.	*0805 30.000 +/- 2.900E -0		1159	1031	-6-0.		0284	137 9 -0	5	4.0	-0.	.132 +/- .079E -0
													FE PEAK IS AT CHANNEL 104.22 WITH HALFWIDTH OF 5.23. CU PEAK IS INTEGRATED BEGINNING EXACTLY 28.40 CHANNELS HIGHER.
1 PB	-0.	*1265 30.000 +/- 2.000E -0		1905	4235	-8-0.		8090	231 11 -0	8	-72.2	-0.	-2.406 +/- -.164E 0
													PEAK IS AT CHANNEL 417.31 WITH HALFWIDTH OF 9.37. PB PEAK IS INTEGRATED BEGINNING EXACTLY *91.00 CHANNELS HIGHER.
1 RB	-0.	*1338 1.490 +/-0.	E -4	7342	2202	-8-0.		8210	242 9 0	6	143.8	-0.	9.651 +/- .255E 5
													PEAK IS AT CHANNEL 417.31 WITH HALFWIDTH OF 9.37. RB PEAK IS INTEGRATED BEGINNING EXACTLY *79.00 CHANNELS HIGHER.
1 SR	-0.	*1415 1.530 +/-0.	E -4	8929	1339	-1-0.		8340	256 11 4	-37	214.0	-0.	1.399 +/- .022E 6
													PEAK IS AT CHANNEL 417.31 WITH HALFWIDTH OF 9.37. SR PEAK IS INTEGRATED BEGINNING EXACTLY *66.00 CHANNELS HIGHER.
													COUNTS REMOVED FROM NEXT PEAK = 848 RB, ( .16500),
1 Y	-0.	*1493130.000 +/- 1.400E -0		4142	1339	-1-0.		8520	274 11 4	-55	55.7	-0.	.428 +/- .019E -0
													PEAK IS AT CHANNEL 417.31 WITH HALFWIDTH OF 9.37. Y PEAK IS INTEGRATED BEGINNING EXACTLY *48.00 CHANNELS HIGHER.
													COUNTS REMOVED FROM NEXT PEAK = 1252 SR, ( .16500), 0 PB, ( .05500),
1 ZR	-0.	*1575 1.170 +/-0.	E -4	12633	1954	-1 1.070	8660	290 15 4	-70	272.3	-0.	2.327 +/- .037E 6	
													PEAK IS AT CHANNEL 417.31 WITH HALFWIDTH OF 9.37. ZR PEAK IS INTEGRATED BEGINNING EXACTLY *34.00 CHANNELS HIGHER.
													COUNTS REMOVED FROM NEXT PEAK = 297 Y, ( .15200),
1 NB	-0.	*1659150.000 +/- 1.400E -0		3291	1875	-1 1.400	8844	307 11 4	-86	32.9	-0.	.220 +/- .020E -0	
													PEAK IS AT CHANNEL 417.31 WITH HALFWIDTH OF 9.37. NB PEAK IS INTEGRATED BEGINNING EXACTLY *15.60 CHANNELS HIGHER.
													COUNTS REMOVED FROM NEXT PEAK = 1499 ZR, ( .15900),
1 MO	-0.	*1744150.000 +/- 2.000E -0		5695	4398	-9-0.		9050	328 13 -0	12	-6.1	-0.	-4.055 +/- -3.672E -2
													PEAK IS AT CHANNEL 417.31 WITH HALFWIDTH OF 9.37. MO PEAK IS INTEGRATED BEGINNING EXACTLY -95.00 CHANNELS HIGHER.
1 NI	-0.	*0747 30.000 +/- 1.349E -0		457	468	-1-0.		0200	126 4 1	5	-.3	-0.	-1.136 +/- -4.983E -2
													FE PEAK IS AT CHANNEL 104.22 WITH HALFWIDTH OF 5.23. NI PEAK IS INTEGRATED BEGINNING EXACTLY 20.00 CHANNELS HIGHER.
1 K	-0.	*0331 30.000 +/- 1.000E -0		1729	1381	-4-0.		9365	43 6 -0	17	10.8	-0.	.359 +/- .090E -0
													FE PEAK IS AT CHANNEL 104.22 WITH HALFWIDTH OF 5.23. K PEAK IS INTEGRATED BEGINNING EXACTLY -63.50 CHANNELS HIGHER.

8063 A LUB-30 L-122 EL CHAYAL CONTROL  
GAMMA SPECTRUM-B 607103

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 8.18CHANNELS  
STD NUMBER 1 -607103 A SAMPLE WEIGHT = 100.00000 G DEAD TIME = .53 0/0 EOB = 0. MJD  
IRRADIATION TIME = .0. MIN DECAY TIME = 83247.00 DAYS COUNT TIME = 79.991 MIN C/SEC BEG. = 0 C/SEC END = 0  
START TIME = 83247.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BE AN 10/18/2086 PST

NUCLIDE	HALF LIFE DAYS	GAMMA ENERGY KEV	GAMMA INTENS. 0/0	COUNTS 0/0	CROSS SECTION BARNs	GROSS COUNTS	BKGD APPR PEAK CHAN	REAL PEAK CHAN	LUX(N/MIN-CM2)	CPM	MULT	ELEMENT	ELEMENT
									DECAY CORR.			ABUNDANCE	
INCOH	-0.	*0000	-0.	-0.	458553	119005	385	388	.228 +/- .016E 5	322837.0	1.00000	.001 +/- 1.569E 3	
COH	-0.	*2311	-0.	-0.	112281	47463*0412	415		.008 +/- .022E 3	2007.8	1.00000	1.000 +/- .015E 0	
FE	-0.	*0640	-0.	-0.	8304	1337*0105	104		.425 +/- .053E 4	215.8	1.00000	6.300 +/- .138E -3 FE	
CR	-0.	*0541	-0.	-0.	791	774*9784	85		.678 +/- .026E 4	.5	1.00000	3.137 +/- 7.094E -5 CR	
									UMMED STARTING -21.60 CHANNELS HIGHER.				
									2 CR, (.11000),				
									.220 +/- .034E 4	13.2	.00120	5.941 +/- .741E -4 MN	
MN	-0.	*0590	-0.	-0.	1341	905*9874	94		UMMED STARTING -12.60 CHANNELS HIGHER.				
TI	-0.	*0451	-0.	-0.	1108	950*9604	67		.083 +/- .048E 3	4.9	1.00000	1.587 +/- .675E -3 TI	
CA	-0.	*0369	-0.	-0.	1484	1142*9434	50		.113 +/- .017E 3	10.6	1.00000	9.516 +/- 1.433E -3 CA	
V	-0.	*0495	-0.	-0.	812	776*9704	77		.536 +/- .117E 3	1.1	1.00000	1.480 +/- 1.570E -4 V	
ZN	-0.	*0863	-0.	-0.	1412	1128*0394	148		.370 +/- .021E 5	8.8	1.00000	6.420 +/- 1.904E -5 ZN	
CU	-0.	*0805	-0.	-0.	1159	1031*0284	137		.934 +/- .154E 4	4.0	1.00000	3.991 +/- 2.379E -5 CU	
PB	-0.	*1265	-0.	-0.	1905	4235*8090	231		.851 +/- .106E 4	-72.2	1.00000	-1.053 +/- .074E -3 PB	
RB	-0.	*1338	-0.	-0.	7342	2202*8210	242		UMMED STARTING *91.00 CHANNELS HIGHER.				
SR	-0.	*1415	-0.	-0.	8929	1339*8340	256		.651 +/- .255E 5	143.8	1.00000	1.490 +/- .056E -4 RB	
									UMMED STARTING *79.00 CHANNELS HIGHER.				
Y	-0.	*1493	-0.	-0.	4142	1339*8520	274		.399 +/- .022E 6	214.0	1.00000	1.530 +/- .034E -4 SR	
									UMMED STARTING *66.00 CHANNELS HIGHER.				
									848 RB, (.16500),				
									.958 +/- .030E 6	55.7	.16500	2.843 +/- .140E -5 Y	
									UMMED STARTING *48.00 CHANNELS HIGHER.				
ZR	-0.	*1575	-0.	-0.	1252	SR, (.16500),	0		PB, (.05500),	272.3	.16500	1.170 +/- .026E -4 ZR	
									.327 +/- .037E 6				
NB	-0.	*1659	-0.	-0.	3291	1875*8844	307		.258 +/- .052E 6	32.9	.15200	1.011 +/- .095E -5 NB	
									UMMED STARTING *15.60 CHANNELS HIGHER.				
MO	-0.	*1744	-0.	-0.	5695	4398*9050	328		.654 +/- .074E 6	-6.1	.15900	-1.307 +/- 1.193E -6 MO	
									UMMED STARTING -95.00 CHANNELS HIGHER.				
NI	-0.	*0747	-0.	-0.	457	468*0200	126		.621 +/- .072E 4	-.3	1.00000	-.737 +/- 3.235E -5 NI	
K	-0.	*0331	-0.	-0.	1729	1381*9365	43		UMMED STARTING 20.00 CHANNELS HIGHER.				
									.425 +/- .053E 4	10.8	1.00000	3.147 +/- .793E -4 K	
									K PEAK IS UMMED STARTING -63.50 CHANNELS HIGHER.				
							I		COUNT RATE CORRECTION FOR LAST ELEMENT =				

8063 A LUB-30 L-L 22 EL CHAYAL CONTROL  
GAMMA SPECTRUM-B 607151

GAMMA SPECTRUM-B 007191  
WEIGHT OF STD = 100.0000 MG EOB = 0. MJD IRRADIATION IME = 0. MIN DECAY TIME = 83247.00 DAYS  
COUNT TIME = 79.991 MIN C/SEC BEG. = 0 C/SEC END = 0 START TIME = 83247.00 MJD

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 8.05CHANNELS

8063 A LUB-30 L-122 EL CHAYAL CONTROL  
GAMMA SPECTRUM-B 607151

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 8.05CHANNELS  
STD NUMBER 2 -607151 A SAMPLE WEIGHT = 100.00000 G DEAD TIME = .77 O/O EOB = 0. MJD  
IRRADIATION TIME = . MIN DECAY TIME = 83247.00 DAYS COUNT TIME = 79.991 MIN C/SEC BEG. = 0 C/SEC END = 0  
START TIME = 83247.00 MJD PILL THICKNESS = -. MILS SPECTRUM BE AN 10/18/2086 PST

NUCLIDE	HALF LIFE	GAMMA ENERGY	GAMMA INTENS.	COUNTS 0/0	CROSS SECT 0/0	GROSS COUNTS BARNs	BKGD PEAK CHAN	APPR PEAK CHAN	REAL PEAK CHAN	LUX(N/MIN-CM2)	CPM DECAY CORR.	MULT ELEMENT	ELEMENT ABUNDANCE	
INCOH	-0. DAYS	*0000	-0. KEV	-0.	-0.	453384	120515	385	388	.162 +/- .016E	5	316158.0	1.00000	.001 +/- 1.574E 3
COH	-0.	*2311	-0.	-0.	-0.	110832	47208	*0412	415	.012 +/- .022E	3	2012.4	1.00000	1.000 +/- .016E 0
FE	-0.	*0640	-0.	-0.	-0.	8183	1291	*0105	104	.460 +/- .054E	4	218.0	1.00000	6.300 +/- .139E -3 FE
CR	-0.	*0541	-0.	-0.	-0.	741	753	*9784	85	.695 +/- .026E	4	-4	1.00000	-2.239 +/- 7.001E -5 CR
										UMMED STARTING -21.60 CHANNELS HIGHER.				
										FE PEAK IS AT CHANNEL 104.20 WITH HALFWIDTH OF 4.96. CR PEAK IS				
										CCOUNTS REMOVED FROM NEXT PEAK = 8 FE, ( .00120), 0 CR, ( .11000),				
MN	-0.	*0590	-0.	-0.	-0.	1275	913	*9874	94	.242 +/- .035E	4	11.2	.00120	4.990 +/- .738E -4 MN
TI	-0.	*0451	-0.	-0.	-0.	1071	938	*9604	67	.114 +/- .048E	3	4.2	1.00000	1.351 +/- .674E -3 TI
CA	-0.	*0369	-0.	-0.	-0.	1439	1080	*9434	50	.125 +/- .017E	3	11.4	1.00000	1.010 +/- .142E -2 CA
V	-0.	*0495	-0.	-0.	-0.	786	767	*9704	77	.612 +/- .118E	3	.6	1.00000	.789 +/- 1.568E -4 V
ZN	-0.	*0863	-0.	-0.	-0.	1370	1101	*0394	148	.384 +/- .022E	5	8.5	1.00000	6.147 +/- 1.902E -5 ZN
CU	-0.	*0805	-0.	-0.	-0.	1169	893	*0284	137	.003 +/- .016E	5	8.7	1.00000	8.700 +/- 2.283E -5 CU
PB	-0.	*1265	-0.	-0.	-0.	1780	3669	*8090	231	.920 +/- .108E	4	-59.7	1.00000	-8.634 +/- .692E -4 PB
RB	-0.	*1338	-0.	-0.	-0.	6985	2069	*8210	242	.426 +/- .253E	5	140.4	1.00000	1.490 +/- .057E -4 RB
SR	-0.	*1415	-0.	-0.	-0.	8621	1320	*8340	256	.374 +/- .022E	6	210.2	1.00000	1.530 +/- .035E -4 SR
										PEAK IS AT CHANNEL 417.32 WITH HALFWIDTH OF 9.52. SR PEAK IS				
										CCOUNTS REMOVED FROM NEXT PEAK = 811 RB, ( .16500),				
Y	-0.	*1493	-0.	-0.	-0.	4067	1320	*8520	274	.924 +/- .031E	6	56.3	.16500	2.927 +/- .145E -5 Y
										PEAK IS AT CHANNEL 417.32 WITH HALFWIDTH OF 9.52. Y PEAK IS				
ZR	-0.	*1575	-0.	-0.	-0.	1205	SR, ( .16500),	0	PB, ( .05500),	UMMED STARTING *48.00 CHANNELS HIGHER.				
										COUNTS REMOVED FROM NEXT PEAK = 12380				
NB	-0.	*1659	-0.	-0.	-0.	294	Y, ( .15200),	0	PB, ( .05500),	UMMED STARTING *34.00 CHANNELS HIGHER.				
										PEAK IS AT CHANNEL 417.32 WITH HALFWIDTH OF 9.52. ZR PEAK IS				
MO	-0.	*1744	-0.	-0.	-0.	3132	1828	*8844	307	.264 +/- .053E	6	30.3	.15200	9.295 +/- .950E -6 NB
										COUNTS REMOVED FROM NEXT PEAK = 1471 ZR, ( .15900),				
NI	-0.	*0747	-0.	-0.	-0.	5640	4489	*9050	328	.663 +/- .075E	6	-9.8	.15900	-2.110 +/- 1.226E -6 MO
										PEAK IS AT CHANNEL 417.32 WITH HALFWIDTH OF 9.52. MO PEAK IS				
K	-0.	*0331	-0.	-0.	-0.	463	380	*0200	126	.668 +/- .073E	4	2.6	1.00000	5.624 +/- 3.019E -5 NI
										FE PEAK IS AT CHANNEL 104.20 WITH HALFWIDTH OF 4.96. NI PEAK IS				
										FE PEAK IS AT CHANNEL 104.20 WITH HALFWIDTH OF 4.96. K PEAK IS				
										COUNT RATE CORRECTION FOR LAST ELEMENT = I				

8063 C PLAST THICK PLASTIC  
GAMMA SPECTRUM-B 607105

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 8.20CHANNELS  
 STD NUMBER 1 2 -607151 A SAMPLE WEIGHT = -0. G DEAD TIME = .41 O/O EOB = 0. MJD  
 IRRADIATION TIME = -. MIN DECAY TIME = 0. DAYS COUNT TIME = 79.998 MIN C/SEC BEG. = 0 C/SEC END = 0  
 START TIME = -0. MJD PILL THICKNESS = -0. MILS SPECTRUM BE AN 0/ 0/ 0 PST

8063 D BUR-470 SU21 SU-2 ABRIGO  
GAMMA SPECTRUM-B 607106

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.77 CHANNELS  
STD NUMBER 1 2 -607151 A SAMPLE WEIGHT = -0. G DEAD TIME = 1.01 0/0 EOB = 0. MJD  
IRRADIATION TIME = . MIN DECAY TIME = 161456.50 DAYS COUNT TIME = 79.995 MIN C/SEC BEG. = 0 C/SEC END = 0  
START TIME = 161456.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BE AN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS	BKGD	APPR	EAL	I	FLUX(N/MIN-CM <sup>2</sup> )	CPM	ELEMENT	ELEMENT
	COUNTS EL	MULT	COUNTS EL	MULT	COUNTS	COUNTS	PEAK	EAK	X	EOB		ABUNDANCE	
INCOH					824221	200113	385	388	3.195 +/- .011E 5	607397.0	.002 +/- 3.877E 3		
COH					200635	84707*0412	415	2.010 +/- .016E 3	1908.6	.950 +/- .011E -0			
FE					11583	2498*0105	104	3.443 +/- .038E 4	149.6	4.345 +/- .078E -3	FE		
CR					1417	1448*9784	85	1.687 +/- .019E 4	-5	-3.026 +/- 5.072E -5	CR		
MN	FE PEAK IS AT CHANNEL 104.18 WITH HALFWIDTH OF 11 FE .00120	0 CR .11000			4.97.	CR PEAK IS	UMMED	STARTING -21.60 CHANNELS HIGHER.					
TI	FE PEAK IS AT CHANNEL 104.18 WITH HALFWIDTH OF				2226	1718*9874	94	2.231 +/- .024E 4	8.2	3.669 +/- .518E -4	MN		
CA	FE PEAK IS AT CHANNEL 104.18 WITH HALFWIDTH OF				4.97.	MN PEAK IS	UMMED	STARTING -12.60 CHANNELS HIGHER.					
V	FE PEAK IS AT CHANNEL 104.18 WITH HALFWIDTH OF				1979	1836*9604	67	3.098 +/- .034E 3	2.4	7.599 +/- 4.897E -4	TI		
ZN	FE PEAK IS AT CHANNEL 104.18 WITH HALFWIDTH OF				4.97.	TI PEAK IS	UMMED	STARTING -39.60 CHANNELS HIGHER.					
CU	FE PEAK IS AT CHANNEL 104.18 WITH HALFWIDTH OF				2636	2167*9434	50	1.119 +/- .012E 3	7.7	6.901 +/- 1.022E -3	CA		
PB	FE PEAK IS AT CHANNEL 104.18 WITH HALFWIDTH OF				4.97.	CA PEAK IS	UMMED	STARTING -56.60 CHANNELS HIGHER.					
RB	PEAK IS AT CHANNEL 417.43 WITH HALFWIDTH OF				1480	1474*9704	77	7.574 +/- .083E 3	.1	.130 +/- 1.131E -4	V		
SR	PEAK IS AT CHANNEL 417.43 WITH HALFWIDTH OF				4.97.	V PEAK IS	UMMED	STARTING -29.60 CHANNELS HIGHER.					
Y	2173 RB .16500	0 0.			2863	2378*0394	148	1.377 +/- .015E 5	8.0	5.799 +/- 1.454E -5	ZN		
ZR	PEAK IS AT CHANNEL 417.43 WITH HALFWIDTH OF 638 SR .16500	0 PB .05500			4.97.	ZN PEAK IS	UMMED	STARTING 39.40 CHANNELS HIGHER.					
NB	PEAK IS AT CHANNEL 417.43 WITH HALFWIDTH OF 506 Y .15200	0 0.			2332	2032*0284	137	9.984 +/- .110E 4	4.9	4.947 +/- 1.772E -5	CU		
MO	PEAK IS AT CHANNEL 417.43 WITH HALFWIDTH OF 1799 ZR .15900	0 0.			4.97.	CU PEAK IS	UMMED	STARTING 28.40 CHANNELS HIGHER.					
NI	PEAK IS AT CHANNEL 417.43 WITH HALFWIDTH OF				4065	9268*8090	231	6.885 +/- .076E 4	-85.7	-1.244 +/- .058E -3	PB		
K	FE PEAK IS AT CHANNEL 104.18 WITH HALFWIDTH OF				9.12.	PB PEAK IS	UMMED	STARTING *91.00 CHANNELS HIGHER.					
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				17916	4746*8210	242	9.538 +/- .180E 5	215.4	2.258 +/- .055E -4	RB		
					9.12.	RB PEAK IS	UMMED	STARTING *79.00 CHANNELS HIGHER.					
					6451	2582*8340	256	1.387 +/- .015E 6	63.3	4.564 +/- .147E -5	SR		
					9.12.	SR PEAK IS	UMMED	STARTING *66.00 CHANNELS HIGHER.					
					8084	2582*8520	274	1.941 +/- .022E 6	54.5	2.805 +/- .112E -5	Y		
					9.12.	Y PEAK IS	UMMED	STARTING *48.00 CHANNELS HIGHER.					
					15719	3767*8660	290	2.329 +/- .026E 6	185.2	7.949 +/- .156E -5	ZR		
					9.12.	ZR PEAK IS	UMMED	STARTING *34.00 CHANNELS HIGHER.					
					7490	3650*8844	307	3.261 +/- .037E 6	54.6	1.675 +/- .077E -5	NB		
					9.12.	NB PEAK IS	UMMED	STARTING *15.60 CHANNELS HIGHER.					
					9677	8441*9050	328	4.659 +/- .053E 6	-9.2	-1.983 +/- .893E -6	MO		
					9.12.	MO PEAK IS	UMMED	STARTING -95.00 CHANNELS HIGHER.					
					918	912*0200	126	4.644 +/- .051E 4	.1	.213 +/- 2.396E -5	NI		
					4.97.	NI PEAK IS	UMMED	STARTING 20.00 CHANNELS HIGHER.					
					3091	2552*9365	43	3.443 +/- .038E 4	8.9	2.578 +/- .568E -4	K		
					4.97.	K PEAK IS	UMMED	STARTING -63.50 CHANNELS HIGHER.					

8063 E BUR-471 SU22 SU-2 ABRIGO  
GAMMA SPECTRUM-B 607107

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.93 CHANNELS  
STD NUMBER 1 2 -607151 A SAMPLE WEIGHT = -0. G DEAD TIME = .86 0/0 EOB = 0. MJD  
IRRADIATION TIME = 0. MIN DECAY TIME = 88997.50 DAYS COUNT TIME = 79.996 MIN C/SEC BEG. = 0 C/SEC END = 0  
START TIME = 88997.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BE AN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS COUNTS	BKGD COUNTS	APPR PEAK	EAL X	I	FLUX (N/MIN-CM <sup>2</sup> )	CPM	ELEMENT	ELEMENT ABUNDANCE	
	COUNTS EL	MULT	COUNTS EL	MULT										
INCOH					694273	165919	385	388	3.195 +/- .011E 5	511643.0	.002 +/- 2.977E 3			
COH					161641	68944*0412	412	415	2.010 +/- .016E 3	1811.8	.901 +/- .011E -0			
FE					11895	1773*0105	105	104	3.443 +/- .038E 4	197.8	5.747 +/- .096E -3 FE			
CR					1034	1028*9784		85	1.687 +/- .019E 4	.1	.695 +/- 5.101E -5 CR			
MN	FE PEAK IS AT CHANNEL 104.17 WITH HALFWIDTH OF 12 FE .00120	1 CR .11000			5.18.	CR PEAK IS	UMMED STARTING -21.60 CHANNELS HIGHER.							
TI	FE PEAK IS AT CHANNEL 104.17 WITH HALFWIDTH OF				2002	1216*9874	94	2.231 +/- .024E 4	15.1	6.774 +/- .553E -4 MN				
CA	FE PEAK IS AT CHANNEL 104.17 WITH HALFWIDTH OF				5.18.	MN PEAK IS	UMMED STARTING -12.60 CHANNELS HIGHER.							
V	FE PEAK IS AT CHANNEL 104.17 WITH HALFWIDTH OF				1459	1282*9604	67	3.098 +/- .034E 3	3.5	1.117 +/- .487E -3 TI				
ZN	FE PEAK IS AT CHANNEL 104.17 WITH HALFWIDTH OF				5.18.	TI PEAK IS	UMMED STARTING -39.60 CHANNELS HIGHER.							
CU	FE PEAK IS AT CHANNEL 104.17 WITH HALFWIDTH OF				2025	1548*9434	50	1.119 +/- .012E 3	9.3	8.333 +/- 1.047E -3 CA				
PB	PEAK IS AT CHANNEL 417.40 WITH HALFWIDTH OF				5.18.	CA PEAK IS	UMMED STARTING -56.60 CHANNELS HIGHER.							
RB	PEAK IS AT CHANNEL 417.40 WITH HALFWIDTH OF				1096	1089*9704	77	7.574 +/- .083E 3	.1	.181 +/- 1.155E -4 V				
SR	PEAK IS AT CHANNEL 417.40 WITH HALFWIDTH OF				2044	1635*0394	148	1.377 +/- .015E 5	8.0	5.805 +/- 1.439E -5 ZN				
Y	2149 RB .16500 0 0.				5.18.	ZN PEAK IS	UMMED STARTING 39.40 CHANNELS HIGHER.							
ZR	PEAK IS AT CHANNEL 417.40 WITH HALFWIDTH OF 594 SR .16500 0 PB .05500				1678	1430*0284	137	9.984 +/- .110E 4	4.8	4.855 +/- 1.772E -5 CU				
NB	PEAK IS AT CHANNEL 417.40 WITH HALFWIDTH OF 514 Y .15200 0 0.				5.18.	CU PEAK IS	UMMED STARTING 28.40 CHANNELS HIGHER.							
MO	PEAK IS AT CHANNEL 417.40 WITH HALFWIDTH OF 1699 ZR .15900 0 0.				3403	8426*8090	231	6.885 +/- .076E 4	-98.2	-1.426 +/- .065E -3 PB				
NI	PEAK IS AT CHANNEL 417.40 WITH HALFWIDTH OF				9.40.	PB PEAK IS	UMMED STARTING *91.00 CHANNELS HIGHER.							
K	FE PEAK IS AT CHANNEL 104.17 WITH HALFWIDTH OF				17047	4020*8210	242	9.538 +/- .180E 5	233.7	2.450 +/- .059E -4 RB				
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				9.40.	RB PEAK IS	UMMED STARTING *79.00 CHANNELS HIGHER.							
					5505	1908*8340	256	1.387 +/- .015E 6	64.9	4.682 +/- .146E -5 SR				
					9.40.	SR PEAK IS	UMMED STARTING *66.00 CHANNELS HIGHER.							
					7440	1908*8520	274	1.941 +/- .022E 6	61.5	3.170 +/- .116E -5 Y				
					9.40.	Y PEAK IS	UMMED STARTING *48.00 CHANNELS HIGHER.							
					14064	2784*8660	290	2.329 +/- .026E 6	196.6	8.442 +/- .161E -5 ZR				
					9.40.	ZR PEAK IS	UMMED STARTING *34.00 CHANNELS HIGHER.							
					6509	2671*8844	307	3.261 +/- .037E 6	62.1	1.905 +/- .078E -5 NB				
					9.40.	NB PEAK IS	UMMED STARTING *15.60 CHANNELS HIGHER.							
					8362	7146*9050	328	4.659 +/- .053E 6	-9.2	-1.979 +/- .958E -6 MO				
					9.40.	MO PEAK IS	UMMED STARTING -95.00 CHANNELS HIGHER.							
					698	616*0200	126	4.644 +/- .051E 4	1.6	3.451 +/- 2.367E -5 NI				
					5.18.	NI PEAK IS	UMMED STARTING 20.00 CHANNELS HIGHER.							
					2580	2056*9365	43	3.443 +/- .038E 4	10.2	2.975 +/- .613E -4 K				
					5.18.	K PEAK IS	UMMED STARTING -63.50 CHANNELS HIGHER.							

8063 F BUR-472 SU23 SU-2 ABRIG  
GAMMA SPECTRUM-B 607108

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.89 CHANNELS

8063 G BUR-473 SU24 SU-2 ABRIGO

GAMMA SPECTRUM-B 607119

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.52CHANNELS  
 STD NUMBER 1 2 -607151 A SAMPLE WEIGHT = -0. G DEAD TIME = .98 0/0 EOB = 0. MJD  
 IRRADIATION TIME = . MIN DECAY TIME = 118461.00 DAYS COUNT TIME = 79.995 MIN C/SEC BEG. = 0 C/SEC END = 0  
 START TIME = 118461.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BE AN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS COUNTS	BKGD COUNTS	APPR PEAK	EAL X	I FLUX(N/MIN-CM2)	CPM	ELEMENT	ELEMENT
	COUNTS EL	MULT	COUNTS EL	MULT								
INCOH					799613	187979	385	388	3.195 +/- .011E 5	594923.0	.002 +/- 3.684E 3	
COH					191494	78788*0412	415	2.010 +/- .016E 3	1894.5	.942 +/- .010E -0		
FE					10033	2152*0105	104	3.443 +/- .038E 4	132.5	3.848 +/- .072E -3 FE		
CR					1271	1301*9784	85	1.687 +/- .019E 4	-5	-2.989 +/- 4.899E -5 CR		
MN	FE PEAK IS AT CHANNEL 104.14 WITH HALFWIDTH OF 9 FE .0120	0 CR .1100			5.23.	CR PEAK IS	UMMED	STARTING -21.60 CHANNELS HIGHER.				
TI	FE PEAK IS AT CHANNEL 104.14 WITH HALFWIDTH OF				2050	1514*9874	94	2.231 +/- .024E 4	8.9	3.967 +/- .503E -4 MN		
CA	FE PEAK IS AT CHANNEL 104.14 WITH HALFWIDTH OF				1792	1732*9604	67	3.098 +/- .034E 3	1.0	3.255 +/- 4.845E -4 TI		
V	FE PEAK IS AT CHANNEL 104.14 WITH HALFWIDTH OF				2302	2007*9434	50	1.119 +/- .012E 3	5.0	4.432 +/- .987E -3 CA		
ZN	FE PEAK IS AT CHANNEL 104.14 WITH HALFWIDTH OF				1338	1324*9704	77	7.574 +/- .083E 3	.2	.311 +/- 1.097E -4 V		
CU	FE PEAK IS AT CHANNEL 104.14 WITH HALFWIDTH OF				2431	2011*0394	148	1.377 +/- .015E 5	7.1	5.127 +/- 1.369E -5 ZN		
PB	PEAK IS AT CHANNEL 417.49 WITH HALFWIDTH OF				1968	1838*0284	137	9.984 +/- .110E 4	2.2	2.189 +/- 1.702E -5 CU		
RB	PEAK IS AT CHANNEL 417.49 WITH HALFWIDTH OF				3900	9130*8090	231	6.885 +/- .076E 4	-87.9	-1.277 +/- .059E -3 PB		
SR	PEAK IS AT CHANNEL 417.49 WITH HALFWIDTH OF				16932	4125*8210	242	9.538 +/- .180E 5	208.3	2.184 +/- .053E -4 RB		
Y	2113 RB .16500	0 0.			9.05.	RB PEAK IS	UMMED	STARTING *79.00 CHANNELS HIGHER.				
ZR	PEAK IS AT CHANNEL 417.49 WITH HALFWIDTH OF				5673	2337*8340	256	1.387 +/- .015E 6	54.3	3.918 +/- .137E -5 SR		
NB	550 SR .16500	0 PB .05500			9.05.	SR PEAK IS	UMMED	STARTING *66.00 CHANNELS HIGHER.				
MO	PEAK IS AT CHANNEL 417.49 WITH HALFWIDTH OF				7804	2337*8520	274	1.941 +/- .022E 6	54.7	2.819 +/- .109E -5 Y		
NI	1726 ZR .15900	0 0.			9.05.	ZR PEAK IS	UMMED	STARTING *48.00 CHANNELS HIGHER.				
K	PEAK IS AT CHANNEL 417.49 WITH HALFWIDTH OF				6996	3272*8844	307	3.261 +/- .037E 6	52.9	1.623 +/- .074E -5 NB		
	FE PEAK IS AT CHANNEL 104.14 WITH HALFWIDTH OF				14814	3410*8660	290	2.329 +/- .026E 6	177.7	7.630 +/- .150E -5 ZR		
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				9.05.	NB PEAK IS	UMMED	STARTING *34.00 CHANNELS HIGHER.				
	FE PEAK IS AT CHANNEL 104.14 WITH HALFWIDTH OF				9405	8571*9050	328	4.659 +/- .053E 6	-14.8	-3.181 +/- .910E -6 MO		
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				9.05.	MO PEAK IS	UMMED	STARTING *95.00 CHANNELS HIGHER.				
	FE PEAK IS AT CHANNEL 104.14 WITH HALFWIDTH OF				910	932*0200	126	4.644 +/- .051E 4	-.4	-.796 +/- 2.465E -5 NI		
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				2556	2205*9365	43	3.443 +/- .038E 4	5.9	1.714 +/- .536E -4 K		
	FE PEAK IS AT CHANNEL 104.14 WITH HALFWIDTH OF				5.23.	K PEAK IS	UMMED	STARTING -63.50 CHANNELS HIGHER.				

8063 H BUR-474 SU25 SU-2 ABRIGO  
GAMMA SPECTRUM-B 607110

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.90 CHANNELS  
STD NUMBER 1 2 -607151 A SAMPLE WEIGHT = -0. G DEAD TIME = 085 0/0 EOB = 0. MJD  
IRRADIATION TIME = . MIN DECAY TIME = 199298.50 DAYS COUNT TIME = 79.996 MIN C/SEC BEG. = 0 C/SEC END = 0  
START TIME = 199298.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BE AN 0/0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS COUNTS	BKGD COUNTS	APPR PEAK	EAL X	I	FLUX(N/MIN-CM2)	CPM	ELEMENT	ELEMENT ABUNDANCE		
	COUNTS EL	MULT	COUNTS EL	MULT											
INCOH					664721	167600	385	388	3.195 +/- .011E 5	480410.0	.002 +/- 2.803E 3				
COH					168031	70320*0412	415	2.010 +/- .016E 3		2033.9	1.012 +/- .012E 0				
FE					9206	2170*0105	104	3.443 +/- .038E 4		146.5	4.254 +/- .085E -3 FE				
CR					1283	1288*9784	85	1.687 +/- .019E 4		-1	-.617 +/- 6.076E -5 CR				
	FE PEAK IS AT CHANNEL 104.27 WITH HALFWIDTH OF 8 FE .00120				4.85.	CR PEAK IS	UMMED	STARTING -21.60 CHANNELS HIGHER.							
MN					1900	1533*9874	94	2.231 +/- .024E 4		7.5	3.346 +/- .613E -4 MN				
	FE PEAK IS AT CHANNEL 104.27 WITH HALFWIDTH OF 0 CR .11000				4.85.	MN PEAK IS	UMMED	STARTING -12.60 CHANNELS HIGHER.							
TI					1709	1640*9604	67	3.098 +/- .034E 3		1.4	4.636 +/- 5.820E -4 TI				
CA					2332	1884*9434	50	1.119 +/- .012E 3		9.3	8.335 +/- 1.212E -3 CA				
V					4.85.	CA PEAK IS	UMMED	STARTING -56.60 CHANNELS HIGHER.							
ZN					1241	1280*9704	77	7.574 +/- .083E 3		-.8	-1.072 +/- 1.320E -4 V				
CU					2392	2110*0394	148	1.377 +/- .015E 5		5.9	4.263 +/- 1.726E -5 ZN				
PB					4.85.	ZN PEAK IS	UMMED	STARTING 39.40 CHANNELS HIGHER.							
RB					1990	1888*0284	137	9.984 +/- .110E 4		2.1	2.127 +/- 2.143E -5 CU				
SR					3440	7656*8090	231	6.885 +/- .076E 4		-87.8	-1.275 +/- .066E -3 PB				
Y					9.13.	PB PEAK IS	UMMED	STARTING *91.00 CHANNELS HIGHER.							
ZR					13842	3735*8210	242	9.538 +/- .180E 5		210.1	2.203 +/- .057E -4 RB				
NB					9.13.	RB PEAK IS	UMMED	STARTING *79.00 CHANNELS HIGHER.							
MO					4961	2417*8340	256	1.387 +/- .015E 6		52.9	3.814 +/- .168E -5 SR				
NI					9.13.	SR PEAK IS	UMMED	STARTING *66.00 CHANNELS HIGHER.							
K					Y	PEAK IS AT CHANNEL 417.39 WITH HALFWIDTH OF 1668 RB .16500	6393	2417*8520	274	1.941 +/- .022E 6	48.0	2.472 +/- .130E -5 Y			
	PEAK IS AT CHANNEL 417.39 WITH HALFWIDTH OF 0 0.				9.13.	Y PEAK IS	UMMED	STARTING *48.00 CHANNELS HIGHER.							
ZR					420	SR .16500	0 PB .05500	12396	3527*8660	290	2.329 +/- .026E 6	175.7	7.541 +/- .172E -5 ZR		
NB					PEAK IS AT CHANNEL 417.39 WITH HALFWIDTH OF 351 Y .15200	0 0.		9.13.	ZR PEAK IS	UMMED	STARTING *34.00 CHANNELS HIGHER.				
MO					1343 ZR .15900	0 0.		5830	3384*8844	307	3.261 +/- .037E 6	43.6	1.336 +/- .090E -5 NB		
NI					PEAK IS AT CHANNEL 417.39 WITH HALFWIDTH OF 0 0.			9.13.	NB PEAK IS	UMMED	STARTING *15.60 CHANNELS HIGHER.				
K					PEAK IS AT CHANNEL 417.39 WITH HALFWIDTH OF 852 852*0200	0 0.		7366	6628*9050	328	4.659 +/- .053E 6	-12.6	-2.703 +/- 1.000E -6 MO		
	FE PEAK IS AT CHANNEL 104.27 WITH HALFWIDTH OF 0 0.				9.13.	MO PEAK IS	UMMED	STARTING -95.00 CHANNELS HIGHER.							
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				4.85.	NI PEAK IS	UMMED	STARTING 20.00 CHANNELS HIGHER.		0	.000 +/- 5.851E -5 NI				
	FE PEAK IS AT CHANNEL 104.27 WITH HALFWIDTH OF 0 0.				2571	2244*9365	43	3.443 +/- .038E 4		6.8	1.977 +/- .671E -4 K				
					4.85.	K PEAK IS	UMMED	STARTING -63.50 CHANNELS HIGHER.							

8063 I BUR-475 SU26 SUMBAY, SURFACE  
GAMMA SPECTRUM-B 607111

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.85CHANNELS  
STD NUMBER 1 2 -607151 A SAMPLE WEIGHT = -0. G DEAD TIME = 1.03 O/O EOB = 0. MJD  
IRRADIATION TIME = . MIN DECAY TIME = 211161.50 DAYS COUNT TIME = 79.994 MIN C/SEC BEG. = 0 C/SEC END = 0  
START TIME = 211161.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BE AN 0/ 0/ 0 PST

8063 J BUR-476 SU14 SUMBAY, SURFACE  
GAMMA SPECTRUM-B 607112

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.95 CHANNELS  
STD NUMBER 1 2 -607151 A SAMPLE WEIGHT = -0. G DEAD TIME = .88 0/0 EOB = 0. MJD  
IRRADIATION TIME = . MIN DECAY TIME = 162200.50 DAYS COUNT TIME = 79.995 MIN C/SEC BEG. = 0 C/SEC END = 0  
START TIME = 162200.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BE AN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS COUNTS	BKGD COUNTS	APPR PEAK	EAL X	I FLUX(N/MIN-CM2)	CPM	ELEMENT	ELEMENT
	COUNTS EL	MULT	COUNTS EL	MULT								
INCOH					674969	168775	385	388	3.195 +/- .011E 5	489483.0	.002 +/- 2.867E 3	
COH					166464	70371*0412	415	2.010 +/- .016E 3	1963.2	.977 +/- .012E -0		
FE					13025	2112*0105	104	3.443 +/- .038E 4	222.9	6.476 +/- .107E -3 FE		
CR					1268	1248*9784	85	1.687 +/- .019E 4	.4	2.422 +/- 5.893E -5 CR		
MN	FE PEAK IS AT CHANNEL 104.23 WITH HALFWIDTH OF 13 FE .00120	2 CR .11000			5.01.	CR PEAK IS	UMMED STARTING -21.60 CHANNELS HIGHER.					
TI	FE PEAK IS AT CHANNEL 104.23 WITH HALFWIDTH OF				2000	1460*9874	94	2.231 +/- .024E 4	10.7	4.805 +/- .603E -4 MN		
CA	FE PEAK IS AT CHANNEL 104.23 WITH HALFWIDTH OF				1774	1525*9604	67	3.098 +/- .034E 3	5.1	1.642 +/- .556E -3 TI		
V	FE PEAK IS AT CHANNEL 104.23 WITH HALFWIDTH OF				2151	1824*9434	50	1.119 +/- .012E 3	6.7	5.971 +/- 1.152E -3 CA		
ZN	FE PEAK IS AT CHANNEL 104.23 WITH HALFWIDTH OF				5.01.	CA PEAK IS	UMMED STARTING -56.60 CHANNELS HIGHER.					
CU	FE PEAK IS AT CHANNEL 104.23 WITH HALFWIDTH OF				1330	1289*9704	77	7.574 +/- .083E 3	.8	1.106 +/- 1.323E -4 V		
PB	FE PEAK IS AT CHANNEL 104.23 WITH HALFWIDTH OF				5.01.	V PEAK IS	UMMED STARTING -29.60 CHANNELS HIGHER.					
RB	PEAK IS AT CHANNEL 417.45 WITH HALFWIDTH OF				2381	1868*0394	148	1.377 +/- .015E 5	10.5	7.611 +/- 1.612E -5 ZN		
SR	PEAK IS AT CHANNEL 417.45 WITH HALFWIDTH OF				5.01.	ZN PEAK IS	UMMED STARTING 39.40 CHANNELS HIGHER.					
Y	1873 RB .16500	0 0.			1948	1663*0284	137	9.984 +/- .110E 4	5.8	5.832 +/- 1.998E -5 CU		
ZR	PEAK IS AT CHANNEL 417.45 WITH HALFWIDTH OF 526 SR .16500	0 PB .05500			5.01.	CU PEAK IS	UMMED STARTING 28.40 CHANNELS HIGHER.					
NB	PEAK IS AT CHANNEL 417.45 WITH HALFWIDTH OF 421 Y .15200	0 0.			3451	8294*8090	231	6.885 +/- .076E 4	-98.9	-1.437 +/- .068E -3 PB		
MO	PEAK IS AT CHANNEL 417.45 WITH HALFWIDTH OF 1530 ZR .15900	0 0.			9.35.	PB PEAK IS	UMMED STARTING *91.00 CHANNELS HIGHER.					
NI	PEAK IS AT CHANNEL 417.45 WITH HALFWIDTH OF				15201	3849*8210	242	9.538 +/- .180E 5	230.4	2.416 +/- .061E -4 RB		
K	FE PEAK IS AT CHANNEL 104.23 WITH HALFWIDTH OF				9.35.	RB PEAK IS	UMMED STARTING *79.00 CHANNELS HIGHER.					
	FE PEAK IS AT CHANNEL 104.23 WITH HALFWIDTH OF				5321	2134*8340	256	1.387 +/- .015E 6	64.7	4.666 +/- .164E -5 SR		
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				9.35.	SR PEAK IS	UMMED STARTING *66.00 CHANNELS HIGHER.					
					6775	2134*8520	274	1.941 +/- .022E 6	56.2	2.895 +/- .126E -5 Y		
					13262	3114*8660	290	2.329 +/- .026E 6	195.4	8.391 +/- .173E -5 ZR		
					9.35.	ZR PEAK IS	UMMED STARTING *34.00 CHANNELS HIGHER.					
					6145	2988*8844	307	3.261 +/- .037E 6	55.6	1.706 +/- .086E -5 NB		
					9.35.	NB PEAK IS	UMMED STARTING *15.60 CHANNELS HIGHER.					
					7875	6972*9050	328	4.659 +/- .053E 6	-12.8	-2.741 +/- 1.004E -6 MO		
					9.35.	MO PEAK IS	UMMED STARTING -95.00 CHANNELS HIGHER.					
					785	684*0200	126	4.644 +/- .051E 4	2.1	4.443 +/- 2.611E -5 NI		
					5.01.	NI PEAK IS	UMMED STARTING 20.00 CHANNELS HIGHER.					
					2606	2121*9365	43	3.443 +/- .038E 4	9.9	2.878 +/- .645E -4 K		
					5.01.	K PEAK IS	UMMED STARTING -63.50 CHANNELS HIGHER.					

8063 K BUR-477 SUL5 SU-2, ABRIGO  
GAMMA SPECTRUM-B 607113

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.64 CHANNELS  
STD NUMBER 1 2 -607151 A SAMPLE WEIGHT = -0. G DEAD TIME = 1.05 0/0 EOB = 0. MJD  
IRRADIATION TIME = . MIN DECAY TIME = 204957.00 DAYS COUNT TIME = 79.995 MIN C/SEC BEG. = 0 C/SEC END = 0  
START TIME = 204957.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BE AN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS	BKGD	APPR	EAL	I	FLUX(N/MIN-CM <sup>2</sup> )	CPM	ELEMENT	ELEMENT	
	COUNTS	EL	MULT	COUNTS	EL	MULT	COUNTS	COUNTS	PEAK	EAK X	EOB	ABUNDANCE		
INCOH				803879	193389	385	388	3.195	+/- .011E	5	593779.0	.002	+/- 3.727E	3
COH				191447	79181*0412	415	2.010	+/- .016E	3	1890.7	.941	+/- .011E	-0	
FE				12721	2513*0105	104	3.443	+/- .038E	4	171.9	4.994	+/- .086E	-3 FE	
CR				1442	1440*9784	85	1.687	+/- .019E	4	.0	.200	+/- 5.203E	-5 CR	
MN	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF 12 FE .0120	0 CR .11000		5.01.	CR PEAK IS	UMMED STARTING -21.60 CHANNELS HIGHER.								
TI	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF			2363	1734*9874	94	2.231	+/- .024E	4	10.4	4.654	+/- .542E	-4 MN	
CA	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF			5.01.	MN PEAK IS	UMMED STARTING -12.60 CHANNELS HIGHER.								
V	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF			2049	1908*9604	67	3.098	+/- .034E	3	2.4	7.664	+/- 5.111E	-4 TI	
ZN	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF			5.01.	TI PEAK IS	UMMED STARTING -39.60 CHANNELS HIGHER.								
CU	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF			2621	2222*9434	50	1.119	+/- .012E	3	6.7	6.006	+/- 1.049E	-3 CA	
PB	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF			5.01.	CA PEAK IS	UMMED STARTING -56.60 CHANNELS HIGHER.								
RB	PEAK IS AT CHANNEL 417.48 WITH HALFWIDTH OF			1474	1514*9704	77	7.574	+/- .083E	3	-.7	-.889	+/- 1.163E	-4 V	
SR	PEAK IS AT CHANNEL 417.48 WITH HALFWIDTH OF			5.01.	V PEAK IS	UMMED STARTING -29.60 CHANNELS HIGHER.								
Y	2215 R8 .L6500	0 0.		2809	2363*0394	148	1.377	+/- .015E	5	7.5	5.455	+/- 1.483E	-5 ZN	
ZR	PEAK IS AT CHANNEL 417.48 WITH HALFWIDTH OF 540 SR .L6500	0 PB .05500		5.01.	ZN PEAK IS	UMMED STARTING 39.40 CHANNELS HIGHER.								
NB	PEAK IS AT CHANNEL 417.48 WITH HALFWIDTH OF 428 Y .L5200	0 0.		2304	2226*0284	137	9.984	+/- .110E	4	1.3	1.316	+/- 1.877E	-5 CU	
MO	PEAK IS AT CHANNEL 417.48 WITH HALFWIDTH OF 1646 ZR .L5900	0 0.		5.01.	CU PEAK IS	UMMED STARTING 28.40 CHANNELS HIGHER.								
NI	PEAK IS AT CHANNEL 417.48 WITH HALFWIDTH OF			4203	9867*8090	231	6.885	+/- .076E	4	-95.4	-1.385	+/- .061E	-3 PB	
K	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF			9.14.	PB PEAK IS	UMMED STARTING *91.00 CHANNELS HIGHER.								
	COUNT RATE CORRECTION FOR LAST ELEMENT = I			18094	4667*8210	242	9.538	+/- .180E	5	225.9	2.369	+/- .057E	-4 RB	
				9.14.	RB PEAK IS	UMMED STARTING *79.00 CHANNELS HIGHER.								
				6162	2887*8340	256	1.387	+/- .015E	6	55.1	3.974	+/- .151E	-5 SR	
				9.14.	SR PEAK IS	UMMED STARTING *66.00 CHANNELS HIGHER.								
				7917	2887*8520	274	1.941	+/- .022E	6	47.4	2.440	+/- .116E	-5 Y	
				9.14.	Y PEAK IS	UMMED STARTING *48.00 CHANNELS HIGHER.								
				15103	4213*8660	290	2.329	+/- .026E	6	174.1	7.476	+/- .157E	-5 ZR	
				9.14.	ZR PEAK IS	UMMED STARTING *34.00 CHANNELS HIGHER.								
				7011	4081*8844	307	3.261	+/- .037E	6	42.1	1.291	+/- .080E	-5 NB	
				9.14.	NB PEAK IS	UMMED STARTING *15.60 CHANNELS HIGHER.								
				8957	8203*9050	328	4.659	+/- .053E	6	-15.0	-3.221	+/- .897E	-6 MO	
				9.14.	MO PEAK IS	UMMED STARTING -95.00 CHANNELS HIGHER.								
				1001	1016*0200	126	4.644	+/- .051E	4	-.3	-.544	+/- 2.581E	-5 NI	
				5.01.	NI PEAK IS	UMMED STARTING 20.00 CHANNELS HIGHER.								
				2942	2467*9365	43	3.443	+/- .038E	4	8.0	2.324	+/- .571E	-4 K	
				5.01.	K PEAK IS	UMMED STARTING -63.50 CHANNELS HIGHER.								

8063 L BUR-478 SJ16 SU-2, ABRIG  
GAMMA SPECTRUM-B 607114

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.84CHANNELS  
 STD NUMBER 1 2 -607151 A SAMPLE WEIGHT = -0. G DEAD TIME = .89 O/O EOB = 0. MJD  
 IRRADIATION TIME = . MIN DECAY TIME = 134226.50 DAYS COUNT TIME = 79.885 MIN C/SEC BEG. = 0 C/SEC END = 0  
 START TIME = 134226.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BE AN 0/ 0/ 0 PST

8063 M BUR-479 SUL 7 SU-2, ABRIGO  
GAMMA SPECTRUM-B 607115

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.93CHANNELS  
STD NUMBER 1 2 -607151 A SAMPLE WEIGHT = -0. G DEAD TIME = .91 O/O EOB = 0. MJD  
IRRADIATION TIME = .0. MIN DECAY TIME = 232955.00 DAYS COUNT TIME = 79.996 MIN C/SEC BEG. = 0 C/SEC END = 0  
START TIME = 232955.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BE AN 0/ 0/ 0 PST

8063 N BUR-480 SU 8 SU-2, ABRIGO  
GAMMA SPECTRUM-B 607116

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 8.10 CHANNELS  
STD NUMBER 1 2 -607151 A SAMPLE WEIGHT = -0. G DEAD TIME = .62 0/0 EOB = 0. MJD  
IRRADIATION TIME = .0. MIN DECAY TIME = 123230.50 DAYS COUNT TIME = 79.996 MIN C/SEC BEG. = 0 C/SEC END = 0  
START TIME = 123230.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BE AN 0/ 0/ 0 PST

8063 0 BUR-481 SUL9 SU-2, ABRIGO  
GAMMA SPECTRUM-B 607117

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.89 CHANNELS

STD NUMBER 1 2 -607151 A SAMPLE WEIGHT = -0. G DEAD TIME = .45 0/0 EOB = 0. MJD  
IRRADIATION TIME = . MIN DECAY TIME = 209699.00 DAYS COUNT TIME = 79.995 MIN C/SEC BEG. = 0 C/SEC END = 0  
START TIME = 209699.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BE AN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS	BKGD	APPR	EAL	I	FLUX(N/MIN-CM2)	CPM	ELEMENT	ELEMENT	
	COUNTS EL	MULT	COUNTS EL	MULT	COUNTS	COUNTS	PEAK	EAK	X		EOB	ABUNDANCE		
INCOH					623095	164781	385	388	3.195 +/- .011E 5	441603.0	.001 +/- 2.544E 3			
COH					156807	66690*0412	415	2.010 +/- .016E 3	2040.7	1.015 +/- .012E 0				
FE					8559	2016*0105	104	3.443 +/- .038E 4	148.2	4.304 +/- .088E -3	FE			
CR					1238	1184*9784	85	1.687 +/- .019E 4	1.2	7.249 +/- 6.415E -5	CR			
MN	FE PEAK IS AT CHANNEL 104.14 WITH HALFWIDTH OF 8 FE .J0120	6 CR .11000			5.27.	CR PEAK IS	UMMED	STARTING -21.60	CHANNELS HIGHER.					
TI	FE PEAK IS AT CHANNEL 104.14 WITH HALFWIDTH OF				1854	1425*9874	94	2.231 +/- .024E 4	9.4	4.215 +/- .652E -4	MN			
CA	FE PEAK IS AT CHANNEL 104.14 WITH HALFWIDTH OF				5.27.	MN PEAK IS	UMMED	STARTING -12.60	CHANNELS HIGHER.					
V	FE PEAK IS AT CHANNEL 104.14 WITH HALFWIDTH OF				1653	1618*9604	67	3.098 +/- .034E 3	.8	2.558 +/- 6.286E -4	TI			
ZN	FE PEAK IS AT CHANNEL 104.14 WITH HALFWIDTH OF				5.27.	TI PEAK IS	UMMED	STARTING -39.60	CHANNELS HIGHER.					
CU	FE PEAK IS AT CHANNEL 104.14 WITH HALFWIDTH OF				2259	1895*9434	50	1.119 +/- .012E 3	8.2	7.367 +/- 1.306E -3	CA			
PB	PEAK IS AT CHANNEL 417.44 WITH HALFWIDTH OF				5.27.	CA PEAK IS	UMMED	STARTING -56.60	CHANNELS HIGHER.					
RB	PEAK IS AT CHANNEL 417.44 WITH HALFWIDTH OF				1237	1298*9704	77	7.574 +/- .083E 3	-1.4	-1.824 +/- 1.440E -4	V			
SR	PEAK IS AT CHANNEL 417.44 WITH HALFWIDTH OF				5.27.	V PEAK IS	UMMED	STARTING -29.60	CHANNELS HIGHER.					
Y	1621 RB .16500	0 0.			2267	1985*0394	148	1.377 +/- .015E 5	6.4	4.637 +/- 1.821E -5	ZN			
ZR	PEAK IS AT CHANNEL 417.44 WITH HALFWIDTH OF 425 SR .16500	0 PB .05500			5.27.	ZN PEAK IS	UMMED	STARTING 39.40	CHANNELS HIGHER.					
NB	342 Y .15200	0 0.			1955	1811*0284	137	9.984 +/- .110E 4	3.3	3.266 +/- 2.287E -5	CU			
MO	1280 ZR .15900	0 0.			5.27.	CU PEAK IS	UMMED	STARTING 28.40	CHANNELS HIGHER.					
NI	FE PEAK IS AT CHANNEL 104.14 WITH HALFWIDTH OF				3513	7766*8090	231	6.885 +/- .076E 4	-96.3	-1.399 +/- .073E -3	PB			
K	FE PEAK IS AT CHANNEL 104.14 WITH HALFWIDTH OF				9.32.	PB PEAK IS	UMMED	STARTING *91.00	CHANNELS HIGHER.					
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				13495	3673*8210	242	9.538 +/- .180E 5	222.3	2.330 +/- .061E -4	RB			
					9.32.	RB PEAK IS	UMMED	STARTING *79.00	CHANNELS HIGHER.					
					4945	2370*8340	256	1.387 +/- .015E 6	58.3	4.202 +/- .182E -5	SR			
					9.32.	SR PEAK IS	UMMED	STARTING *66.00	CHANNELS HIGHER.					
					6242	2370*8520	274	1.941 +/- .022E 6	50.9	2.624 +/- .139E -5	Y			
					9.32.	Y PEAK IS	UMMED	STARTING *48.00	CHANNELS HIGHER.					
					11934	3458*8660	290	2.329 +/- .026E 6	182.2	7.821 +/- .183E -5	ZR			
					9.32.	ZR PEAK IS	UMMED	STARTING *34.00	CHANNELS HIGHER.					
					5627	3318*8844	307	3.261 +/- .037E 6	44.5	1.365 +/- .096E -5	NB			
					9.32.	NB PEAK IS	UMMED	STARTING *15.60	CHANNELS HIGHER.					
					7080	6103*9050	328	4.659 +/- .053E 6	-6.9	-1.473 +/- 1.050E -6	MO			
					9.32.	MO PEAK IS	UMMED	STARTING -95.00	CHANNELS HIGHER.					
					842	824*0200	126	4.644 +/- .051E 4	.4	.878 +/- 3.137E -5	NI			
					5.27.	NI PEAK IS	UMMED	STARTING 20.00	CHANNELS HIGHER.					
					2470	2235*9365	43	3.443 +/- .038E 4	5.3	1.546 +/- .724E -4	K			
					5.27.	K PEAK IS	UMMED	STARTING -63.50	CHANNELS HIGHER.					

8063 P BUR-482 SU20 SU-2, ABRIGO  
GAMMA SPECTRUM-B 607118

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.91CHANNELS  
STD NUMBER 1 2 -607151 A SAMPLE WEIGHT = -0. G DEAD TIME = .76 O/O EOB = 0. MJD  
IRRADIATION TIME = J. MIN DECAY TIME = 127207.50 DAYS COUNT TIME = 79.995 MIN C/SEC BEG. = 0 C/SEC END = 0  
START TIME = 127207.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BE AN 0/ 0/ 0 PST

8063 Q BUR-483 HT6 HUILTOCCO, SURFACE  
GAMMA SPECTRUM-B 607119

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.91 CHANNELS  
STD NUMBER 1 2 -607151 A SAMPLE WEIGHT = -0. G DEAD TIME = 1.05 0/0 EOB = 0. MJD  
IRRADIATION TIME = . MIN DECAY TIME = 265304.00 DAYS COUNT TIME = 79.993 MIN C/SEC BEG. = 0 C/SEC END = 0  
START TIME = 265304.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BE AN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS COUNTS	BKGD COUNTS	APPR PEAK	EAL X	I FLUX(N/MIN-CM <sup>2</sup> )	CPM	ELEMENT	ELEMENT
	COUNTS EL	MULT	COUNTS EL	MULT								
INCOH					789787	196138	385	388	3.195 +/- .011E 5	576938.0	.002 +/- 3.643E 3	
COH					196339	82746*0412	415	415	2.010 +/- .016E 3	1968.9	.980 +/- .011E -0	
FE					10192	2840*0105	104	104	3.443 +/- .038E 4	127.4	3.702 +/- .075E -3 FE	
CR					1674	1705*9784	85	85	1.687 +/- .019E 4	-.5	-3.185 +/- 5.789E -5 CR	
MN	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF 9 FE .0120	0 CR .1100			5.07.	CR PEAK IS	UMMED	STARTING -21.60 CHANNELS HIGHER.				
TI	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				2313	1944*9874	94	94	2.231 +/- .024E 4	6.2	2.798 +/- .569E -4 MN	
CA	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				5.07.	MN PEAK IS	UMMED	STARTING -12.60 CHANNELS HIGHER.				
V	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				2195	2259*9604	67	67	3.098 +/- .034E 3	-1.1	-3.580 +/- 5.648E -4 TI	
ZN	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				5.07.	TI PEAK IS	UMMED	STARTING -39.60 CHANNELS HIGHER.				
CU	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				2552	2408*9434	50	50	1.119 +/- .012E 3	2.5	2.231 +/- 1.092E -3 CA	
PB	PEAK IS AT CHANNEL 417.40 WITH HALFWIDTH OF				5.07.	CA PEAK IS	UMMED	STARTING -56.60 CHANNELS HIGHER.				
RB	PEAK IS AT CHANNEL 417.40 WITH HALFWIDTH OF				1735	1749*9704	77	77	7.574 +/- .083E 3	-.2	-.320 +/- 1.293E -4 V	
SR	PEAK IS AT CHANNEL 417.40 WITH HALFWIDTH OF				5.07.	V PEAK IS	UMMED	STARTING -29.60 CHANNELS HIGHER.				
Y	1946 RB .16500	0 0.			3070	2672*0394	148	148	1.377 +/- .015E 5	6.9	5.010 +/- 1.619E -5 ZN	
ZR	PEAK IS AT CHANNEL 417.40 WITH HALFWIDTH OF				5.07.	ZN PEAK IS	UMMED	STARTING 39.40 CHANNELS HIGHER.				
NB	503 SR .16500	0 PB .05500			16501	4710*8210	242	242	9.538 +/- .180E 5	204.4	2.143 +/- .054E -4 RB	
MO	PEAK IS AT CHANNEL 417.40 WITH HALFWIDTH OF				9.32.	RB PEAK IS	UMMED	STARTING *79.00 CHANNELS HIGHER.				
NI	402 Y .15200	0 0.			6139	3091*8340	256	256	1.387 +/- .015E 6	52.8	3.810 +/- .158E -5 SR	
K	PEAK IS AT CHANNEL 417.40 WITH HALFWIDTH OF				9.32.	SR PEAK IS	UMMED	STARTING *66.00 CHANNELS HIGHER.				
	1533 ZR .15900	0 0.			7682	3091*8520	274	274	1.941 +/- .022E 6	45.9	2.362 +/- .120E -5 Y	
	PEAK IS AT CHANNEL 417.40 WITH HALFWIDTH OF				9.32.	Y PEAK IS	UMMED	STARTING *48.00 CHANNELS HIGHER.				
	417.40 WITH HALFWIDTH OF				14652	4510*8660	290	290	2.329 +/- .026E 6	167.1	7.172 +/- .160E -5 ZR	
					9.32.	ZR PEAK IS	UMMED	STARTING *34.00 CHANNELS HIGHER.				
					6955	4327*8844	307	307	3.261 +/- .037E 6	38.6	1.183 +/- .084E -5 NB	
					9.32.	NB PEAK IS	UMMED	STARTING *15.60 CHANNELS HIGHER.				
					8911	8067*9050	328	328	4.659 +/- .053E 6	-11.9	-2.562 +/- .920E -6 MO	
					9.32.	MO PEAK IS	UMMED	STARTING -95.00 CHANNELS HIGHER.				
					1092	1068*0200	126	126	4.644 +/- .051E 4	.4	.896 +/- 2.734E -5 NI	
	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				5.07.	NI PEAK IS	UMMED	STARTING 20.00 CHANNELS HIGHER.				
	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				2818	2763*9365	43	43	3.443 +/- .038E 4	1.0	2.769 +/- 6.102E -5 K	
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				5.07.	K PEAK IS	UMMED	STARTING -63.50 CHANNELS HIGHER.				

8C63 R BUR-484 JC6 JACHALACA, SURFACE  
GAMMA SPECTRUM-B 607120

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.91CHANNELS  
STD NUMBER 1 2 -607151 A SAMPLE WEIGHT = -0. G DEAD TIME = .83 0/0 EOB = 0. MJD  
IRRADIATION TIME = . MIN DECAY TIME = 136450.50 DAYS COUNT TIME = 79.995 MIN C/SEC BEG. = 0 C/SEC END = 0  
START TIME = 136450.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BE AN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS COUNTS	BKGD COUNTS	APPR PEAK	EAL X	I	FLUX(N/MIN-CM2)	CPM	ELEMENT	ELEMENT	
	COUNTS	EL	MULT	COUNTS	EL	MULT								
INCOH				547435	135790	385	388	3.195 +/- .011E	5	394934.0	.001 +/- 2.074E	3		
COH				134955	56554*0412		415	2.010 +/- .016E	3	1985.2	.988 +/- .012E	-0		
FE					6874	1677*0105	104	3.443 +/- .038E	4	131.6	3.822 +/- .085E	-3	FE	
CR					969	1009*9784	85	1.687 +/- .019E	4	-1.0	-6.004 +/- 6.475E	-5	CR	
	FE PEAK IS AT CHANNEL 104.12 WITH HALFWIDTH OF 6 FE	J0120	0 CR .11000		5.22.	CR PEAK IS	UMMED	STARTING -21.60 CHANNELS HIGHER.						MN
MN	FE PEAK IS AT CHANNEL 104.12 WITH HALFWIDTH OF			1466	1164*9874		94	2.231 +/- .024E	4	7.5	3.357 +/- .652E	-4		
TI	FE PEAK IS AT CHANNEL 104.12 WITH HALFWIDTH OF			1330	1298*9604		67	3.098 +/- .034E	3	.8	2.615 +/- 6.263E	-4	TI	
CA	FE PEAK IS AT CHANNEL 104.12 WITH HALFWIDTH OF			1643	1516*9434		50	1.119 +/- .012E	3	3.2	2.874 +/- 1.271E	-3	CA	
V	FE PEAK IS AT CHANNEL 104.12 WITH HALFWIDTH OF			1021	1012*9704		77	7.574 +/- .083E	3	.2	.301 +/- 1.443E	-4	V	
ZN	FE PEAK IS AT CHANNEL 104.12 WITH HALFWIDTH OF			1840	1578*0394		148	1.377 +/- .015E	5	6.6	4.818 +/- 1.816E	-5	ZN	
CU	FE PEAK IS AT CHANNEL 104.12 WITH HALFWIDTH OF			1547	1444*0284		137	9.984 +/- .110E	4	2.6	2.612 +/- 2.282E	-5	CU	
PB	PEAK IS AT CHANNEL 417.39 WITH HALFWIDTH OF			2824	5957*8090		231	6.885 +/- .076E	4	-79.3	-1.152 +/- .071E	-3	PB	
RB	PEAK IS AT CHANNEL 417.39 WITH HALFWIDTH OF			11513	3051*8210		242	9.538 +/- .180E	5	210.5	2.207 +/- .060E	-4	RB	
SR	PEAK IS AT CHANNEL 417.39 WITH HALFWIDTH OF			4019	1820*8340		256	1.387 +/- .015E	6	54.7	3.948 +/- .177E	-5	SR	
Y	1396 RB .L6500	0 0.		5350	1820*8520		274	1.941 +/- .022E	6	53.2	2.738 +/- .139E	-5	Y	
ZR	PEAK IS AT CHANNEL 417.39 WITH HALFWIDTH OF 363 SR .L6500	0 PB .05500		10567	2656*8660		290	2.329 +/- .026E	6	188.4	8.086 +/- .185E	-5	ZR	
NB	PEAK IS AT CHANNEL 417.39 WITH HALFWIDTH OF 324 Y .L5200	0 0.		4971	2548*8844		307	3.261 +/- .037E	6	52.5	1.611 +/- .096E	-5	NB	
MO	PEAK IS AT CHANNEL 417.39 WITH HALFWIDTH OF 1200 ZR .L5900	0 0.		6247	5690*9050		328	4.659 +/- .053E	6	-16.2	-3.472 +/- 1.123E	-6	MO	
NI	PEAK IS AT CHANNEL 417.39 WITH HALFWIDTH OF			695	648*0200		126	4.644 +/- .051E	4	1.2	2.563 +/- 3.126E	-5	NI	
K	FE PEAK IS AT CHANNEL 104.12 WITH HALFWIDTH OF			1964	1669*9365		43	3.443 +/- .038E	4	7.5	2.170 +/- .703E	-4	K	
	COUNT RATE CORRECTION FOR LAST ELEMENT = I			5.22.	K PEAK IS	UMMED	STARTING -63.50 CHANNELS HIGHER.							

8063 S BUR-485 JC7 JACHALACA, SURFACE  
GAMMA SPECTRUM-B 607121

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.79CHANNELS  
STD NUMBER 1 2 -607151 A SAMPLE WEIGHT = -0. G DEAD TIME = 1.10 0/0 EOB = 0. MJD  
IRRADIATION TIME = . MIN DECAY TIME = 233975.00 DAYS COUNT TIME = 79.995 MIN C/SEC BEG. = 0 C/SEC END = 0  
START TIME = 233975.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BE AN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS COUNTS	BKGD COUNTS	APPR PEAK	EAL EAK	I X	FLUX(N/MIN-CM2)	CPM	ELEMENT	ELEMENT		
	COUNTS EL	MULT	COUNTS EL	MULT								EOB	ABUNDANCE		
INCOH					803590	201104	385	388	3.195 +/- .011E	5	585775.0	.002 +/- 3.742E	3		
COH					199204	83684*0412	415	415	2.010 +/- .016E	3	1972.1	.981 +/- .011E	-0		
FE					9815	2602*0105	104	104	3.443 +/- .038E	4	123.1	3.577 +/- .072E	-3 FE		
CR					1520	1511*9784	85	85	1.687 +/- .019E	4	.2	.911 +/- 5.407E	-5 CR		
MN	FE PEAK IS AT CHANNEL 104.14 WITH HALFWIDTH OF 9 FE	.00120	1 CR	.11000	4.95.	CR PEAK IS	UMMED	STARTING -21.60 CHANNELS HIGHER.							
TI	FE PEAK IS AT CHANNEL 104.14 WITH HALFWIDTH OF				2144	1794*9874	94	94	2.231 +/- .024E	4	5.8	2.605 +/- .540E	-4 MN		
CA	FE PEAK IS AT CHANNEL 104.14 WITH HALFWIDTH OF				4.95.	MN PEAK IS	UMMED	STARTING -12.60 CHANNELS HIGHER.							
V	FE PEAK IS AT CHANNEL 104.14 WITH HALFWIDTH OF				2036	2005*9604	67	67	3.098 +/- .034E	3	.5	1.708 +/- 5.260E	-4 TI		
ZN	FE PEAK IS AT CHANNEL 104.14 WITH HALFWIDTH OF				4.95.	TI PEAK IS	UMMED	STARTING -39.60 CHANNELS HIGHER.							
CU	FE PEAK IS AT CHANNEL 104.14 WITH HALFWIDTH OF				2638	2374*9434	50	50	1.119 +/- .012E	3	4.5	4.028 +/- 1.080E	-3 CA		
PB	FE PEAK IS AT CHANNEL 104.14 WITH HALFWIDTH OF				4.95.	CA PEAK IS	UMMED	STARTING -56.60 CHANNELS HIGHER.							
RB	PEAK IS AT CHANNEL 417.37 WITH HALFWIDTH OF				1612	1574*9704	77	77	7.574 +/- .083E	3	.6	.857 +/- 1.219E	-4 V		
SR	PEAK IS AT CHANNEL 417.37 WITH HALFWIDTH OF				4.95.	V PEAK IS	UMMED	STARTING -29.60 CHANNELS HIGHER.							
Y	PEAK IS AT CHANNEL 417.37 WITH HALFWIDTH OF				2919	2535*0394	148	148	1.377 +/- .015E	5	6.6	4.761 +/- 1.555E	-5 ZN		
ZR	PEAK IS AT CHANNEL 417.37 WITH HALFWIDTH OF				4.95.	ZN PEAK IS	UMMED	STARTING 39.40 CHANNELS HIGHER.							
NB	PEAK IS AT CHANNEL 417.37 WITH HALFWIDTH OF				2458	2384*0284	137	137	9.984 +/- .110E	4	1.3	1.265 +/- 1.970E	-5 CU		
MO	PEAK IS AT CHANNEL 417.37 WITH HALFWIDTH OF				4.95.	CU PEAK IS	UMMED	STARTING 28.40 CHANNELS HIGHER.							
NI	PEAK IS AT CHANNEL 417.37 WITH HALFWIDTH OF				4230	9147*8090	231	231	6.885 +/- .076E	4	-83.9	-1.219 +/- .060E	-3 PB		
K	PEAK IS AT CHANNEL 417.37 WITH HALFWIDTH OF				9.14.	PB PEAK IS	UMMED	STARTING *91.00 CHANNELS HIGHER.							
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				16963	4649*8210	242	242	9.538 +/- .180E	5	210.2	2.204 +/- .055E	-4 RB		
					9.14.	RB PEAK IS	UMMED	STARTING *79.00 CHANNELS HIGHER.							
					6113	2926*8340	256	256	1.387 +/- .015E	6	54.4	3.923 +/- .153E	-5 SR		
					9.14.	SR PEAK IS	UMMED	STARTING *66.00 CHANNELS HIGHER.							
					8043	2926*8520	274	274	1.941 +/- .022E	6	52.7	2.713 +/- .119E	-5 Y		
					9.14.	Y PEAK IS	UMMED	STARTING *48.00 CHANNELS HIGHER.							
					526	526 SR .16500	15102	15102	4253*8660	290	2.329 +/- .026E	6	176.2	7.564 +/- .160E	-5 ZR
					9.14.	ZR PEAK IS	UMMED	STARTING *34.00 CHANNELS HIGHER.							
					7088	4081*8844	307	307	3.261 +/- .037E	6	43.3	1.328 +/- .081E	-5 NB		
					9.14.	NB PEAK IS	UMMED	STARTING *15.60 CHANNELS HIGHER.							
					9158	8352*9050	328	328	4.659 +/- .053E	6	-14.3	-3.061 +/- .921E	-6 MO		
					9.14.	MO PEAK IS	UMMED	STARTING -95.00 CHANNELS HIGHER.							
					1067	1064*0200	126	126	4.644 +/- .051E	4	.1	.110 +/- 2.682E	-5 NI		
					4.95.	NI PEAK IS	UMMED	STARTING 20.00 CHANNELS HIGHER.							
					2882	2530*9365	43	43	3.443 +/- .038E	4	6.0	1.746 +/- .581E	-4 K		
					4.95.	K PEAK IS	UMMED	STARTING -63.50 CHANNELS HIGHER.							

8063 T BUR-486 JC3 JACHALACA, SURFACE  
GAMMA SPECTRUM-B 607122

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.99 CHANNELS  
STD NUMBER 1 2 -607151 A SAMPLE WEIGHT = -0. G DEAD TIME = 1.00 0/0 EOB = 0. MJD  
IRRADIATION TIME = . MIN DECAY TIME = 186871.00 DAYS COUNT TIME = 79.994 MIN C/SEC BEG. = 0 C/SEC END = 0  
START TIME = 186871.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BE AN 0/0 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS	BKGD	APPR	EAL	I	FLUX(N/MIN-CM <sup>2</sup> )	CPM	ELEMENT	ELEMENT
	COUNTS	EL	MULT	COUNTS	COUNTS	PEAK	PEAK	EAK	X	EOB	EOB	ABUNDANCE	
INCOH					706104	174595	385	388	3.195 +/- .011E 5	514798.0	.002 +/- 3.068E 3		
COH					175170	73239*0412	412	415	2.010 +/- .016E 3	1980.0	.985 +/- .011E -0		
FE					8689	2164*0105	105	104	3.443 +/- .038E 4	126.7	3.682 +/- .076E -3 FE		
CR					1240	1277*9784	85	85	1.687 +/- .019E 4	-7	-4.261 +/- 5.594E -5 CR		
MN	FE PEAK IS AT CHANNEL 104.13 WITH HALFWIDTH OF 8 FE .00120	0 CR .11000			4.80.	CR PEAK IS	UMMED	STARTING -21.60	CHANNELS HIGHER.				
TI	FE PEAK IS AT CHANNEL 104.13 WITH HALFWIDTH OF				2006	1469*9874	94	94	2.231 +/- .024E 4	10.3	4.608 +/- .572E -4 MN		
CA	FE PEAK IS AT CHANNEL 104.13 WITH HALFWIDTH OF				4.80.	MN PEAK IS	UMMED	STARTING -12.60	CHANNELS HIGHER.				
V	FE PEAK IS AT CHANNEL 104.13 WITH HALFWIDTH OF				1698	1604*9604	67	67	3.098 +/- .034E 3	1.8	5.893 +/- 5.393E -4 TI		
ZN	FE PEAK IS AT CHANNEL 104.13 WITH HALFWIDTH OF				4.80.	TI PEAK IS	UMMED	STARTING -39.60	CHANNELS HIGHER.				
CU	FE PEAK IS AT CHANNEL 104.13 WITH HALFWIDTH OF				2194	1921*9434	50	50	1.119 +/- .012E 3	5.3	4.740 +/- 1.114E -3 CA		
PB	FE PEAK IS AT CHANNEL 104.13 WITH HALFWIDTH OF				4.80.	CA PEAK IS	UMMED	STARTING -56.60	CHANNELS HIGHER.				
RB	PEAK IS AT CHANNEL 417.37 WITH HALFWIDTH OF				1277	1340*9704	77	77	7.574 +/- .083E 3	-1.2	-1.616 +/- 1.255E -4 V		
SR	PEAK IS AT CHANNEL 417.37 WITH HALFWIDTH OF				4.80.	V PEAK IS	UMMED	STARTING -29.60	CHANNELS HIGHER.				
Y	1895 RB .16500	0 0.			2469	1951*0394	148	148	1.377 +/- .015E 5	10.1	7.307 +/- 1.566E -5 ZN		
ZR	PEAK IS AT CHANNEL 417.37 WITH HALFWIDTH OF 478 SR .16500	0 PB .05500			5.37.	ZN PEAK IS	UMMED	STARTING 39.40	CHANNELS HIGHER.				
NB	423 Y .15200	0 0.			15403	3921*8210	242	242	9.538 +/- .180E 5	222.5	2.333 +/- .058E -4 RB		
MO	1513 ZR .15900	0 0.			9.37.	RB PEAK IS	UMMED	STARTING *79.00	CHANNELS HIGHER.				
NI	PEAK IS AT CHANNEL 417.37 WITH HALFWIDTH OF				5356	2461*8340	256	256	1.387 +/- .015E 6	56.1	4.047 +/- .161E -5 SR		
K	FE PEAK IS AT CHANNEL 104.13 WITH HALFWIDTH OF				9.37.	SR PEAK IS	UMMED	STARTING *66.00	CHANNELS HIGHER.				
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				7138	2461*8520	274	274	1.941 +/- .022E 6	53.9	2.778 +/- .126E -5 Y		
	FE PEAK IS AT CHANNEL 104.13 WITH HALFWIDTH OF				9.37.	Y PEAK IS	UMMED	STARTING *48.00	CHANNELS HIGHER.				
					6245	3483*8844	307	307	3.261 +/- .037E 6	45.4	1.391 +/- .086E -5 NB		
					9.37.	NB PEAK IS	UMMED	STARTING *15.60	CHANNELS HIGHER.				
					7975	6922*9050	328	328	4.659 +/- .053E 6	-8.9	-1.915 +/- .958E -6 MO		
					939	784*0200	126	126	4.644 +/- .051E 4	3.0	6.483 +/- 2.671E -5 NI		
					4.80.	NI PEAK IS	UMMED	STARTING 20.00	CHANNELS HIGHER.				
					2535	2199*9365	43	43	3.443 +/- .038E 4	6.5	1.896 +/- .620E -4 K		
					4.80.	K PEAK IS	UMMED	STARTING -63.50	CHANNELS HIGHER.				

8063 U BUR-487 QKS QUELKATA, AREQUIPA  
GAMMA SPECTRUM-B 607123

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.94 CHANNELS  
STD NUMBER 1 2 -607151 A SAMPLE WEIGHT = -0. G DEAD TIME = .77 0/0 EOB = 0. MJD  
IRRADIATION TIME = . MIN DECAY TIME = 119434.00 DAYS COUNT TIME = 79.996 MIN C/SEC BEG. = 0 C/SEC END = 0  
START TIME = 119434.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BE AN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS COUNTS	BKGD COUNTS	APPR PEAK	EAL X	FLUX(N/MIN-CM <sup>2</sup> )	CPM	ELEMENT	ELEMENT
	COUNTS EL	MULT	COUNTS EL	MULT						EOB	ABUNDANCE	
INCOH					514242	132873	385	388	3.195 +/- .011E 5	364658.0	.001 +/- 1.892E 3	
COH					126183	53261*0412	415	2.010 +/- .016E 3	1999.7	.995 +/- .013E -0		
FE					6336	1390*0105	104	3.443 +/- .038E 4	135.6	3.940 +/- .088E -3 FE		
CR					850	828*9784	85	1.687 +/- .019E 4	.6	3.576 +/- 6.456E -5 CR		
MN	FE PEAK IS AT CHANNEL 104.31 WITH HALFWIDTH OF 6 FE .0120	2 CR .11000			4.96.	CR PEAK IS	UMMED STARTING -21.60 CHANNELS HIGHER.					
TI	FE PEAK IS AT CHANNEL 104.31 WITH HALFWIDTH OF				1254	950*9874	94	2.231 +/- .024E 4	8.1	3.634 +/- .646E -4 MN		
CA	FE PEAK IS AT CHANNEL 104.31 WITH HALFWIDTH OF				4.96.	MN PEAK IS	UMMED STARTING -12.60 CHANNELS HIGHER.					
V	FE PEAK IS AT CHANNEL 104.31 WITH HALFWIDTH OF				1163	1063*9604	67	3.098 +/- .034E 3	2.7	8.851 +/- 6.197E -4 TI		
ZN	FE PEAK IS AT CHANNEL 104.31 WITH HALFWIDTH OF				4.96.	TI PEAK IS	UMMED STARTING -39.60 CHANNELS HIGHER.					
CU	FE PEAK IS AT CHANNEL 104.31 WITH HALFWIDTH OF				1484	1291*9434	50	1.119 +/- .012E 3	5.3	4.730 +/- 1.290E -3 CA		
PB	FE PEAK IS AT CHANNEL 104.31 WITH HALFWIDTH OF				4.96.	CA PEAK IS	UMMED STARTING -56.60 CHANNELS HIGHER.					
RB	PEAK IS AT CHANNEL 417.40 WITH HALFWIDTH OF				858	868*9704	77	7.574 +/- .083E 3	-.3	-.362 +/- 1.440E -4 V		
SR	PEAK IS AT CHANNEL 417.40 WITH HALFWIDTH OF				4.96.	V PEAK IS	UMMED STARTING -29.60 CHANNELS HIGHER.					
Y	1299 RB .16500	0 0.			1568	1437*0394	148	1.377 +/- .015E 5	3.6	2.609 +/- 1.872E -5 ZN		
ZR	PEAK IS AT CHANNEL 417.40 WITH HALFWIDTH OF 383 SR .16500	0 PB .05500			4.96.	ZN PEAK IS	UMMED STARTING 39.40 CHANNELS HIGHER.					
NB	PEAK IS AT CHANNEL 417.40 WITH HALFWIDTH OF 354 Y .15200	0 0.			1348	1212*0284	137	9.984 +/- .110E 4	3.7	3.736 +/- 2.271E -5 CU		
MO	1159 ZR .15900	0 0.			4.96.	CU PEAK IS	UMMED STARTING 28.40 CHANNELS HIGHER.					
NI	PEAK IS AT CHANNEL 417.40 WITH HALFWIDTH OF				2446	5297*8090	231	6.885 +/- .076E 4	-78.2	-1.136 +/- .072E -3 PB		
K	FE PEAK IS AT CHANNEL 104.31 WITH HALFWIDTH OF				9.41.	PB PEAK IS	UMMED STARTING *91.00 CHANNELS HIGHER.					
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				10857	2987*8210	242	9.538 +/- .180E 5	209.0	2.191 +/- .061E -4 RB		
					9.41.	RB PEAK IS	UMMED STARTING *79.00 CHANNELS HIGHER.					
					3741	1421*8340	256	1.387 +/- .015E 6	61.7	4.449 +/- .176E -5 SR		
					9.41.	SR PEAK IS	UMMED STARTING *66.00 CHANNELS HIGHER.					
					5049	1421*8520	274	1.941 +/- .022E 6	62.1	3.197 +/- .140E -5 Y		
					9.41.	Y PEAK IS	UMMED STARTING *48.00 CHANNELS HIGHER.					
					9748	2074*8660	290	2.329 +/- .026E 6	194.9	8.369 +/- .186E -5 ZR		
					9.41.	ZR PEAK IS	UMMED STARTING *34.00 CHANNELS HIGHER.					
					4594	2005*8844	307	3.261 +/- .037E 6	60.1	1.843 +/- .095E -5 NB		
					9.41.	NB PEAK IS	UMMED STARTING *15.60 CHANNELS HIGHER.					
					5744	5204*9050	328	4.659 +/- .053E 6	-16.8	-3.605 +/- 1.157E -6 MO		
					9.41.	MO PEAK IS	UMMED STARTING -95.00 CHANNELS HIGHER.					
					585	556*0200	126	4.644 +/- .051E 4	.8	1.712 +/- 3.130E -5 NI		
					4.96.	NI PEAK IS	UMMED STARTING 20.00 CHANNELS HIGHER.					
					1690	1460*9365	43	3.443 +/- .038E 4	6.3	1.832 +/- .713E -4 K		
					4.96.	K PEAK IS	UMMED STARTING -63.50 CHANNELS HIGHER.					

8063 V BUR-488 QK7 QUELKATA, AREQUIPA  
GAMMA SPECTRUM-B 607124

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 8.01CHANNELS  
STD NUMBER 1 2 -607151 A SAMPLE WEIGHT = -.0. G DEAD TIME = .91 0/0 EOB = 0. MJD  
IRRADIATION TIME = .0. MIN DECAY TIME = 185799.00 DAYS COUNT TIME = 79.996 MIN C/SEC BEG. = 0 C/SEC END = 0  
START TIME = 185799.00 MJD PILL THICKNESS = -.0. MILS SPECTRUM BE AN 0/ 0/ 0 PST

8063 W BUR-489 QK8 QUELKATA, AREQUIP  
GAMMA SPECTRUM-B 607125

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 8.10 CHANNELS

THE IN (23.1KEV) PEAK HAS A HALFWIDTH OF 0.125 CHANNELS  
STD NUMBER 1 2 -607151 A SAMPLE WEIGHT = -0. G DEAD TIME = .85 0/0 EOB = 0. MJD  
IRRADIATION TIME = 0. MIN DECAY TIME = 206539.00 DAYS COUNT TIME = 79.996 MIN C/SEC BEG. = 0 C/SEC END = 0  
START TIME = 206539.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BE AN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS	BKGD	APPR	EAL	I	FLUX(N/MIN-CM2)	CPM	ELEMENT	ELEMENT
	COUNTS	EL	MULT	COUNTS	EL	MULT	COUNTS	COUNTS	PEAK	EAK	X	EOB	ABUNDANCE
INCOH				516584	139911	385	388	3.195	+/- .011E 5	359962.01	.001	+/- 1.910E 3	
COH				130671	56473*0412		415	2.010	+/- .016E 3	2061.3	1.025	+/- .013E 0	
FE					7710	1917*0105	104	3.443	+/- .038E 4	160.9	4.675	+/- .101E -3	FE
CR					1088	1189*9784	85	1.687	+/- .019E 4	-2.8	-1.663	+/- .761E -4	CR
MN	FE PEAK IS AT CHANNEL 104.27 WITH HALFWIDTH OF 7 FE .J0120	0 CR .11000		4.92.	CR PEAK IS	UMMED STARTING -21.60 CHANNELS HIGHER.							
TI	FE PEAK IS AT CHANNEL 104.27 WITH HALFWIDTH OF			1679	1340*9874	94	2.231	+/- .024E 4	9.2	4.135	+/- .769E -4	MN	
CA	FE PEAK IS AT CHANNEL 104.27 WITH HALFWIDTH OF			4.92.	MN PEAK IS	UMMED STARTING -12.60 CHANNELS HIGHER.							
V	FE PEAK IS AT CHANNEL 104.27 WITH HALFWIDTH OF			1517	1460*9604	67	3.098	+/- .034E 3	1.6	5.111	+/- 7.298E -4	TI	
ZN	FE PEAK IS AT CHANNEL 104.27 WITH HALFWIDTH OF			4.92.	TI PEAK IS	UMMED STARTING -39.60 CHANNELS HIGHER.							
CU	FE PEAK IS AT CHANNEL 104.27 WITH HALFWIDTH OF			1875	1600*9434	50	1.119	+/- .012E 3	7.6	6.828	+/- 1.466E -3	CA	
PB	FE PEAK IS AT CHANNEL 104.27 WITH HALFWIDTH OF			4.92.	CA PEAK IS	UMMED STARTING -56.60 CHANNELS HIGHER.							
RB	PEAK IS AT CHANNEL 417.36 WITH HALFWIDTH OF			1134	1208*9704	77	7.574	+/- .083E 3	-2.1	-2.714	+/- 1.698E -4	V	
SR	PEAK IS AT CHANNEL 417.36 WITH HALFWIDTH OF			4.92.	V PEAK IS	UMMED STARTING -29.60 CHANNELS HIGHER.							
Y	1305 RB .L6500	0 0.		1861	1873*0394	148	1.377	+/- .015E 5	-.3	-2.242	+/- 2.142E -5	ZN	
ZR	PEAK IS AT CHANNEL 417.36 WITH HALFWIDTH OF			4.92.	ZN PEAK IS	UMMED STARTING 39.40 CHANNELS HIGHER.							
NB	347 SR .L6500	0 PB .05500		11095	3185*8210	242	9.538	+/- .180E 5	219.6	2.302	+/- .065E -4	RB	
MO	PEAK IS AT CHANNEL 417.36 WITH HALFWIDTH OF			4.92.	RB PEAK IS	UMMED STARTING *79.00 CHANNELS HIGHER.							
NI	1064 ZR .L5900	0 0.		4178	2073*8340	256	1.387	+/- .015E 6	58.4	4.214	+/- .205E -5	SR	
K	PEAK IS AT CHANNEL 417.36 WITH HALFWIDTH OF			4.92.	SR PEAK IS	UMMED STARTING *66.00 CHANNELS HIGHER.							
	FE PEAK IS AT CHANNEL 104.27 WITH HALFWIDTH OF			5374	2073*8520	274	1.941	+/- .022E 6	55.4	2.854	+/- .159E -5	Y	
	FE PEAK IS AT CHANNEL 104.27 WITH HALFWIDTH OF			4.92.	Y PEAK IS	UMMED STARTING *48.00 CHANNELS HIGHER.							
	303 Y .L5200	0 0.		4689	3083*8844	307	3.261	+/- .037E 6	36.2	1.109	+/- .111E -5	NB	
	PEAK IS AT CHANNEL 417.36 WITH HALFWIDTH OF			4.92.	NB PEAK IS	UMMED STARTING *15.60 CHANNELS HIGHER.							
	1064 ZR .L5900	0 0.		5849	5241*9050	328	4.659	+/- .053E 6	-12.7	-2.716	+/- 1.191E -6	MO	
	PEAK IS AT CHANNEL 417.36 WITH HALFWIDTH OF			4.92.	MO PEAK IS	UMMED STARTING -95.00 CHANNELS HIGHER.							
	FE PEAK IS AT CHANNEL 104.27 WITH HALFWIDTH OF			716	728*0200	126	4.644	+/- .051E 4	-.3	-2.718	+/- 3.603E -5	NI	
	FE PEAK IS AT CHANNEL 104.27 WITH HALFWIDTH OF			4.92.	NI PEAK IS	UMMED STARTING 20.00 CHANNELS HIGHER.							
	COUNT RATE CORRECTION FOR LAST ELEMENT = I			2180	1846*9365	43	3.443	+/- .038E 4	9.3	2.695	+/- .814E -4	K	
	FE PEAK IS AT CHANNEL 104.27 WITH HALFWIDTH OF			4.92.	K PEAK IS	UMMED STARTING -63.50 CHANNELS HIGHER.							

8C63 X BUR-490 QK9 QUELKATA, AREQUIPA  
GAMMA SPECTRUM-B 607126

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.90 CHANNELS

STD NUMBER 1 2 -607151 A SAMPLE WEIGHT = -.0. G DEAD TIME = .70 0/0 EOB = 0. MJD  
IRRADIATION TIME = .0. MIN DECAY TIME = 201006.50 DAYS COUNT TIME = 79.996 MIN C/SEC BEG. = 0 C/SEC END = 0  
START TIME = 201006.50 MJD PILL THICKNESS = -.0. MILS SPECTRUM BE AN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS COUNTS	BKGD COUNTS	APPR PEAK	EAL EAK	I X	FLUX (N/MIN-CM2)		CPM EOB	ELEMENT	ELEMENT ABUNDANCE
	COUNTS	EL	MULT	COUNTS	EL	MULT								
INCOH				412813	114837	385	388		3.195 +/- .011E	5	281265.0	.001 +/- 1.350E	3	
COH				109150	47567*	0412	415		2.010 +/- .016E	3	2189.5	1.089 +/- .015E	0	
FE					4976	1611*0105	104		3.443 +/- .038E	4	119.6	3.475 +/- .100E	-3	FE
CR					981	933*9784	84		1.687 +/- .019E	4	1.7	1.012 +/- .895E	-4	CR
MN	FE PEAK IS AT CHANNEL 104.07 WITH HALFWIDTH OF 4 FE	.00120	5 CR	.11000	1370	1084*9874	94		2.231 +/- .024E	4	9.8	4.410 +/- .885E	-4	MN
TI	FE PEAK IS AT CHANNEL 104.07 WITH HALFWIDTH OF				5.17.	MN PEAK IS	UMMED	STARTING -12.60	CHANNELS HIGHER.					
CA	FE PEAK IS AT CHANNEL 104.07 WITH HALFWIDTH OF				5.17.	TI PEAK IS	UMMED	STARTING -39.60	CHANNELS HIGHER.					
V	FE PEAK IS AT CHANNEL 104.07 WITH HALFWIDTH OF				5.17.	CA PEAK IS	UMMED	STARTING -56.60	CHANNELS HIGHER.					
ZN	FE PEAK IS AT CHANNEL 104.07 WITH HALFWIDTH OF				5.17.	V PEAK IS	UMMED	STARTING -29.60	CHANNELS HIGHER.					
CU	FE PEAK IS AT CHANNEL 104.07 WITH HALFWIDTH OF				5.17.	ZN PEAK IS	UMMED	STARTING 39.40	CHANNELS HIGHER.					
PB	FE PEAK IS AT CHANNEL 104.07 WITH HALFWIDTH OF				5.17.	ZN PEAK IS	UMMED	STARTING 28.40	CHANNELS HIGHER.					
RB	PEAK IS AT CHANNEL 417.30 WITH HALFWIDTH OF				9.27.	PB PEAK IS	UMMED	STARTING *91.00	CHANNELS HIGHER.					
SR	PEAK IS AT CHANNEL 417.30 WITH HALFWIDTH OF				9.27.	RB PEAK IS	UMMED	STARTING *79.00	CHANNELS HIGHER.					
Y	PEAK IS AT CHANNEL 417.30 WITH HALFWIDTH OF 891 RB .L6500	0	0.		9.27.	SR PEAK IS	UMMED	STARTING *66.00	CHANNELS HIGHER.					
ZR	PEAK IS AT CHANNEL 417.30 WITH HALFWIDTH OF 227 SR .L6500	0	PB .05500		9.27.	Y PEAK IS	UMMED	STARTING *48.00	CHANNELS HIGHER.					
NB	PEAK IS AT CHANNEL 417.30 WITH HALFWIDTH OF 193 Y .15200	0	0.		9.27.	ZR PEAK IS	UMMED	STARTING *34.00	CHANNELS HIGHER.					
MO	PEAK IS AT CHANNEL 417.30 WITH HALFWIDTH OF 710 ZR .L5900	0	0.		9.27.	NB PEAK IS	UMMED	STARTING *15.60	CHANNELS HIGHER.					
NI	PEAK IS AT CHANNEL 417.30 WITH HALFWIDTH OF				9.27.	NB PEAK IS	UMMED	STARTING *15.60	CHANNELS HIGHER.					
K	FE PEAK IS AT CHANNEL 104.07 WITH HALFWIDTH OF				5.17.	MO PEAK IS	UMMED	STARTING -95.00	CHANNELS HIGHER.					
	FE PEAK IS AT CHANNEL 104.07 WITH HALFWIDTH OF				686	568*0200	126	4.644 +/- .051E	4	4.2	9.034 +/- 4.165E	-5	NI	
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				1815	1466*9365	43	3.443 +/- .038E	4	12.4	3.604 +/- .927E	-4	K	
	FE PEAK IS AT CHANNEL 104.07 WITH HALFWIDTH OF				5.17.	K PEAK IS	UMMED	STARTING -63.50	CHANNELS HIGHER.					

8063 Y BUR-550 QK21 QUELKATA, AREQUIPA  
GAMMA SPECTRUM-B 607127

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 8.05 CHANNELS

STD NUMBER 1 2 -607151 A SAMPLE WEIGHT = -0. G DEAD TIME = .49 0/0 EOB = 0. MJD  
IRRADIATION TIME = . MIN DECAY TIME = 127647.50 DAYS COUNT TIME = 79.998 MIN C/SEC BEG. = 0 C/SEC END = 0  
START TIME = 127647.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BE AN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS COUNTS	BKGD COUNTS	APPR PEAK	EAL X	I	FLUX(N/MIN-CM2)	CPM	ELEMENT	ELEMENT
	COUNTS EL	MULT	COUNTS EL	MULT									
INCOH					183536	55809	385	388	3.195 +/- .011E	5	111016.0	.003 +/- 3.702E	2
COH					51669	23288*0412	412	415	2.010 +/- .016E	3	2556.5	1.272 +/- .025E	0
FE					1456	999*0105	105	105	3.443 +/- .038E	4	41.2	1.196 +/- .147E	-3 FE
CR					564	585*9784	84	84	1.687 +/- .019E	4	-1.9	-1.121 +/- 1.757E	-4 CR
MN	FE PEAK IS AT CHANNEL 104.06 WITH HALFWIDTH OF 1 FE .00120	0 CR .11000			5.35.	CR PEAK IS	UMMED	STARTING -21.60 CHANNELS HIGHER.					
TI	FE PEAK IS AT CHANNEL 104.06 WITH HALFWIDTH OF 705	705*9604			666	684*9874	94	94	2.231 +/- .024E	4	-1.7	-.749 +/- 1.682E	-4 MN
CA	FE PEAK IS AT CHANNEL 104.06 WITH HALFWIDTH OF 882	882*9434			5.35.	MN PEAK IS	UMMED	STARTING -12.60 CHANNELS HIGHER.					
V	FE PEAK IS AT CHANNEL 104.06 WITH HALFWIDTH OF 602	570*9704			705	705*9604	67	67	3.098 +/- .034E	3	.0	.000 +/- 3.291E	-3 TI
ZN	FE PEAK IS AT CHANNEL 104.06 WITH HALFWIDTH OF 919	874*0394			5.35.	TI PEAK IS	UMMED	STARTING -39.60 CHANNELS HIGHER.					
CU	FE PEAK IS AT CHANNEL 104.06 WITH HALFWIDTH OF 871	889*0284			882	800*9434	50	50	1.119 +/- .012E	3	7.4	6.602 +/- 3.301E	-3 CA
PB	FE PEAK IS AT CHANNEL 104.06 WITH HALFWIDTH OF 1199	1936*8090			5.35.	CA PEAK IS	UMMED	STARTING -56.60 CHANNELS HIGHER.					
RB	PEAK IS AT CHANNEL 417.24 WITH HALFWIDTH OF 9.39.	PB PEAK IS			9.39.	PB PEAK IS	UMMED	STARTING -29.60 CHANNELS HIGHER.					
SR	PEAK IS AT CHANNEL 417.24 WITH HALFWIDTH OF 1465	1042*8340			9.39.	RB PEAK IS	UMMED	STARTING *91.00 CHANNELS HIGHER.					
Y	PEAK IS AT CHANNEL 417.24 WITH HALFWIDTH OF 1818	1042*8520			9.39.	SR PEAK IS	UMMED	STARTING *79.00 CHANNELS HIGHER.					
ZR	70 SR .16500	0 PB .05500			9.39.	Y PEAK IS	UMMED	STARTING *66.00 CHANNELS HIGHER.					
NB	PEAK IS AT CHANNEL 417.24 WITH HALFWIDTH OF 3186	1493*8660			9.39.	ZR PEAK IS	UMMED	STARTING *48.00 CHANNELS HIGHER.					
MO	71 Y .15200	0 0.			9.39.	ZR PEAK IS	UMMED	STARTING *34.00 CHANNELS HIGHER.					
NI	PEAK IS AT CHANNEL 417.24 WITH HALFWIDTH OF 2035	1655*9050			9.39.	NB PEAK IS	UMMED	STARTING *15.60 CHANNELS HIGHER.					
K	258 ZR .15900	0 0.			9.39.	MO PEAK IS	UMMED	STARTING *95.00 CHANNELS HIGHER.					
	PEAK IS AT CHANNEL 417.24 WITH HALFWIDTH OF 366	412*0200			9.35.	NI PEAK IS	UMMED	STARTING *8.90E-6 NB					
	FE PEAK IS AT CHANNEL 104.06 WITH HALFWIDTH OF 918	871*9365			9.35.	K PEAK IS	UMMED	STARTING 20.00 CHANNELS HIGHER.					
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				9.35.	K PEAK IS	UMMED	STARTING -63.50 CHANNELS HIGHER.					

8063 Z BUR-491 QKL0 QUELKATA, AREQUIPA  
GAMMA SPECTRUM-B 607128

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.93 CHANNELS  
STD NUMBER 1 2 -607151 A SAMPLE WEIGHT = -0. G DEAD TIME = .61 0/0 EOB = 0. MJD  
IRRADIATION TIME = . MIN DECAY TIME = 46747.50 DAYS COUNT TIME = 79.997 MIN C/SEC BEG. = 0 C/SEC END = 0  
START TIME = 46747.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BE AN 11/13/1986 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS COUNTS	BKGD COUNTS	APPR PEAK	EAL X	I	FLUX(N/MIN-CM2)	CPM	ELEMENT	ELEMENT
	COUNTS	EL	MULT	COUNTS	EL	MULT							
INCOH					292553	73899	385	388	3.195 +/- .011E 5	201943.0	.006 +/- 7.819E 2		
COH					68752	29448*0412		415	2.010 +/- .016E 3	1946.3	.968 +/- .016E -0		
FE					4644	742*0105		104	3.443 +/- .038E 4	193.2	5.613 +/- .131E -3 FE		
CR					422	454*9784		85	1.687 +/- .019E 4	-1.6	-9.394 +/- 8.393E -5 CR		
MN	FE PEAK IS AT CHANNEL 104.21 WITH HALFWIDTH OF 5 FE	.00120	0 CR	.11000	798	522*9874	94	2.231 +/- .024E 4	13.4	6.023 +/- .893E -4 MN			
TI	FE PEAK IS AT CHANNEL 104.21 WITH HALFWIDTH OF				5.15.	MN PEAK IS	UMMED	STARTING -12.60 CHANNELS HIGHER.					
CA	FE PEAK IS AT CHANNEL 104.21 WITH HALFWIDTH OF				633	626*9604	67	3.098 +/- .034E 3	.3	1.119 +/- 8.531E -4 TI			
V	FE PEAK IS AT CHANNEL 104.21 WITH HALFWIDTH OF				847	743*9434	50	1.119 +/- .012E 3	5.1	4.603 +/- 1.763E -3 CA			
ZN	FE PEAK IS AT CHANNEL 104.21 WITH HALFWIDTH OF				5.15.	CA PEAK IS	UMMED	STARTING -56.60 CHANNELS HIGHER.					
CU	FE PEAK IS AT CHANNEL 104.21 WITH HALFWIDTH OF				436	460*9704	77	7.574 +/- .083E 3	-1.2	-1.569 +/- 1.872E -4 V			
PB	PEAK IS AT CHANNEL 417.37 WITH HALFWIDTH OF				5.15.	V PEAK IS	UMMED	STARTING -29.60 CHANNELS HIGHER.					
RB	PEAK IS AT CHANNEL 417.37 WITH HALFWIDTH OF				840	776*0394	148	1.377 +/- .015E 5	3.2	2.301 +/- 2.478E -5 ZN			
SR	PEAK IS AT CHANNEL 417.37 WITH HALFWIDTH OF				719	634*0284	137	9.984 +/- .110E 4	4.2	4.216 +/- 2.974E -5 CU			
Y	PEAK IS AT CHANNEL 417.37 WITH HALFWIDTH OF 914 RB .16500	0 0.			5.15.	CU PEAK IS	UMMED	STARTING 28.40 CHANNELS HIGHER.					
ZR	PEAK IS AT CHANNEL 417.37 WITH HALFWIDTH OF 240 SR .16500	0 PB .05500			1405	3542*8090	231	6.885 +/- .076E 4	-105.8	-1.537 +/- .106E -3 PB			
NB	PEAK IS AT CHANNEL 417.37 WITH HALFWIDTH OF 196 Y .15200	0 0.			9.37.	PB PEAK IS	UMMED	STARTING *91.00 CHANNELS HIGHER.					
MO	PEAK IS AT CHANNEL 417.37 WITH HALFWIDTH OF 715 ZR .15900	0 0.			7211	1674*8210	242	9.538 +/- .180E 5	208.1	2.182 +/- .065E -4 RB			
NI	PEAK IS AT CHANNEL 417.37 WITH HALFWIDTH OF				9.37.	RB PEAK IS	UMMED	STARTING *79.00 CHANNELS HIGHER.					
K	FE PEAK IS AT CHANNEL 104.21 WITH HALFWIDTH OF				2314	860*8340	256	1.387 +/- .015E 6	56.7	4.087 +/- .199E -5 SR			
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				9.37.	SR PEAK IS	UMMED	STARTING *66.00 CHANNELS HIGHER.					
					3060	860*8520	274	1.941 +/- .022E 6	52.0	2.679 +/- .163E -5 Y			
					9.37.	Y PEAK IS	UMMED	STARTING *48.00 CHANNELS HIGHER.					
					5992	1255*8660	290	2.329 +/- .026E 6	189.8	8.148 +/- .218E -5 ZR			
					9.37.	ZR PEAK IS	UMMED	STARTING *34.00 CHANNELS HIGHER.					
					2727	1204*8844	307	3.261 +/- .037E 6	58.8	1.804 +/- .120E -5 NB			
					9.37.	NB PEAK IS	UMMED	STARTING *15.60 CHANNELS HIGHER.					
					3323	2912*9050	328	4.659 +/- .053E 6	-14.2	-3.055 +/- 1.498E -6 MO			
					9.37.	MO PEAK IS	UMMED	STARTING -95.00 CHANNELS HIGHER.					
					309	288*0200	126	4.644 +/- .051E 4	1.0	2.239 +/- 4.076E -5 NI			
					5.15.	NI PEAK IS	UMMED	STARTING 20.00 CHANNELS HIGHER.					
					1046	785*9365	43	3.443 +/- .038E 4	12.9	3.754 +/- .959E -4 K			
					5.15.	K PEAK IS	UMMED	STARTING -63.50 CHANNELS HIGHER.					

8063 1 BUR-492 QK11 QUELKATA, AREQUIPA  
GAMMA SPECTRUM-B 607129

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.81CHANNELS  
STD NUMBER 1 2 -607151 A SAMPLE WEIGHT = -.0. G DEAD TIME = .86 O/O EOB = 0. MJD  
IRRADIATION TIME = .0. MIN DECAY TIME = 130669.00 DAYS COUNT TIME = 79.096 MIN C/SEC BEG. = 0 C/SEC END = 0  
START TIME = 130669.00 MJD PILL THICKNESS = -.0. MILS SPECTRUM BE AN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS	BKGD	APPR	EAL	I	FLUX(N/MIN-CM2)	CPM	ELEMENT	ELEMENT
	COUNTS	EL	MULT	COUNTS	EL	MULT	COUNTS	PEAK	EAK	X	EOB	ABUNDANCE	
INCOH				559471	135521	385	388	3.195	+/- .011E	5	407239.0	.001	+/- 2.143E 3
COH				135749	57273*0412	415	415	2.010	+/- .016E	3	1927.0	.959	+/- .012E -0
FE				7926	1602*0105	104	104	3.443	+/- .038E	4	155.3	4.511	+/- .090E -3 FE
CR				1008	941*9784	85	85	1.687	+/- .019E	4	1.6	9.753	+/- 6.242E -5 CR
MN	FE PEAK IS AT CHANNEL 104.29 WITH HALFWIDTH OF 8 FE .00120	7 CR .11000		1628	1089*9874	94	94	2.231	+/- .024E	4	12.9	5.768	+/- .641E -4 MN
TI	FE PEAK IS AT CHANNEL 104.29 WITH HALFWIDTH OF			5.44.	MN PEAK IS	UMMED	STARTING -12.60 CHANNELS HIGHER.						
CA	FE PEAK IS AT CHANNEL 104.29 WITH HALFWIDTH OF			1356	1264*9604	67	67	3.098	+/- .034E	3	2.3	7.291	+/- 6.040E -4 TI
V	FE PEAK IS AT CHANNEL 104.29 WITH HALFWIDTH OF			5.44.	TI PEAK IS	UMMED	STARTING -39.60 CHANNELS HIGHER.						
ZN	FE PEAK IS AT CHANNEL 104.29 WITH HALFWIDTH OF			1833	1468*9434	50	50	1.119	+/- .012E	3	9.0	8.011	+/- 1.264E -3 CA
CU	FE PEAK IS AT CHANNEL 104.29 WITH HALFWIDTH OF			5.44.	CA PEAK IS	UMMED	STARTING -56.60 CHANNELS HIGHER.						
PB	FE PEAK IS AT CHANNEL 104.29 WITH HALFWIDTH OF			1024	1001*9704	77	77	7.574	+/- .083E	3	.6	.746	+/- 1.398E -4 V
RB	PEAK IS AT CHANNEL 417.43 WITH HALFWIDTH OF			1865	1632*0394	148	148	1.377	+/- .015E	5	5.7	4.155	+/- 1.794E -5 ZN
SR	PEAK IS AT CHANNEL 417.43 WITH HALFWIDTH OF			5.44.	ZN PEAK IS	UMMED	STARTING 39.40 CHANNELS HIGHER.						
Y	1569 RB .16500	0 0.		1480	1474*0284	137	137	9.984	+/- .110E	4	.1	.148	+/- 2.222E -5 CU
ZR	PEAK IS AT CHANNEL 417.43 WITH HALFWIDTH OF 422 SR .16500	0 PB .05500		5.44.	CU PEAK IS	UMMED	STARTING 28.40 CHANNELS HIGHER.						
NB	PEAK IS AT CHANNEL 417.43 WITH HALFWIDTH OF 323 Y .15200	0 0.		2866	6699*8090	231	231	6.885	+/- .076E	4	-94.1	-1.367	+/- .073E -3 PB
MO	PEAK IS AT CHANNEL 417.43 WITH HALFWIDTH OF 1212 ZR .15900	0 0.		9.04.	PB PEAK IS	UMMED	STARTING *91.00 CHANNELS HIGHER.						
NI	PEAK IS AT CHANNEL 417.43 WITH HALFWIDTH OF			12574	3063*8210	242	242	9.538	+/- .180E	5	228.6	2.396	+/- .062E -4 RB
K	FE PEAK IS AT CHANNEL 104.29 WITH HALFWIDTH OF			9.04.	RB PEAK IS	UMMED	STARTING *79.00 CHANNELS HIGHER.						
	COUNT RATE CORRECTION FOR LAST ELEMENT = I			4322	1762*8340	256	256	1.387	+/- .015E	6	61.6	4.440	+/- .174E -5 SR
				9.04.	SR PEAK IS	UMMED	STARTING *66.00 CHANNELS HIGHER.						
				5455	1762*8520	274	274	1.941	+/- .022E	6	51.1	2.634	+/- .134E -5 Y
				9.04.	Y PEAK IS	UMMED	STARTING *48.00 CHANNELS HIGHER.						
				10614	2571*8660	290	290	2.329	+/- .026E	6	183.8	7.892	+/- .178E -5 ZR
				9.04.	ZR PEAK IS	UMMED	STARTING *34.00 CHANNELS HIGHER.						
				5022	2575*8844	307	307	3.261	+/- .037E	6	51.4	1.577	+/- .093E -5 NB
				9.04.	NB PEAK IS	UMMED	STARTING *15.60 CHANNELS HIGHER.						
				6365	5908*9050	328	328	4.659	+/- .053E	6	-18.4	-3.946	+/- 1.109E -6 MO
				9.04.	MO PEAK IS	UMMED	STARTING -95.00 CHANNELS HIGHER.						
				634	680*0200	126	126	4.644	+/- .051E	4	-1.1	-2.432	+/- 3.062E -5 NI
				5.44.	NI PEAK IS	UMMED	STARTING 20.00 CHANNELS HIGHER.						
				2240	1793*9365	43	43	3.443	+/- .038E	4	11.0	3.188	+/- .717E -4 K
				5.44.	K PEAK IS	UMMED	STARTING -63.50 CHANNELS HIGHER.						

8063 2 BUR-493 QKL 2 QUELKATA, AREQUIP  
GAMMA SPECTRUM-B 607130

THE IN {23.11KEV} PEAK HAS A HALFWIDTH OF 7.90CHANNELS  
 STD NUMBER 1 2 -607151 A SAMPLE WEIGHT = -0. G DEAD TIME = 1.02 0/0 EOB = 0. MJD  
 IRRADIATION TIME = . MIN DECAY TIME = 241468.50 DAYS COUNT TIME = 79.996 MIN C/SEC BEG. = 0 C/SEC END = 0  
 START TIME = 241468.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BE AN 0/ 0/ 0 PST

8063 3 BUR-494 QKL3 QUELKATA, AREQUIPA  
GAMMA SPECTRUM-B 607131

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.97 CHANNELS  
STD NUMBER 1 2 -607151 A SAMPLE WEIGHT = -0. G DEAD TIME = .83 0/0 EOB = 0. MJD  
IRRADIATION TIME = . MIN DECAY TIME = 177329.00 DAYS COUNT TIME = 79.997 MIN C/SEC BEG. = 0 C/SEC END = 0  
START TIME = 177329.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BE AN 0/0/0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS	BKGD	APPR	EAL	I	FLUX(N/MIN-CM <sup>2</sup> )	CPM	ELEMENT	ELEMENT
	COUNTS EL	MULT	COUNTS EL	MULT	COUNTS	COUNTS	PEAK	EAK	X		EOB	ABUNDANCE	
INCOH					532881	140466	385	388	3.195 +/- .011E 5	375704.0	.001 +/- 1.999E 3		
COH					135017	56400*0412	415	2.010 +/- .016E 3	2092.5	1.041 +/- .013E 0			
FE					7700	1766*0105	104	3.443 +/- .038E 4	157.9	4.588 +/- .097E -3 FE			
CR					1006	1060*9784	85	1.687 +/- .019E 4	-1.4	-8.520 +/- 6.947E -5 CR			
MN	FE PEAK IS AT CHANNEL 104.20 WITH HALFWIDTH OF 7 FE .00120	0 CR .11000			4.75.	CR PEAK IS	UMMED STARTING -21.60 CHANNELS HIGHER.						
TI	FE PEAK IS AT CHANNEL 104.20 WITH HALFWIDTH OF				1616	1224*9874	94	2.231 +/- .024E 4	10.2	4.592 +/- .711E -4 MN			
CA	FE PEAK IS AT CHANNEL 104.20 WITH HALFWIDTH OF				4.75.	MN PEAK IS	UMMED STARTING -12.60 CHANNELS HIGHER.						
V	FE PEAK IS AT CHANNEL 104.20 WITH HALFWIDTH OF				1445	1372*9604	67	3.098 +/- .034E 3	1.9	6.271 +/- 6.804E -4 TI			
ZN	FE PEAK IS AT CHANNEL 104.20 WITH HALFWIDTH OF				4.75.	TI PEAK IS	UMMED STARTING -39.60 CHANNELS HIGHER.						
CU	FE PEAK IS AT CHANNEL 104.20 WITH HALFWIDTH OF				1847	1617*9434	50	1.119 +/- .012E 3	6.1	5.472 +/- 1.399E -3 CA			
PB	FE PEAK IS AT CHANNEL 104.20 WITH HALFWIDTH OF				4.75.	CA PEAK IS	UMMED STARTING -56.60 CHANNELS HIGHER.						
RB	PEAK IS AT CHANNEL 417.34 WITH HALFWIDTH OF				1100	1140*9704	77	7.574 +/- .083E 3	-1.1	-1.406 +/- 1.591E -4 V			
SR	PEAK IS AT CHANNEL 417.34 WITH HALFWIDTH OF				4.75.	V PEAK IS	UMMED STARTING -29.60 CHANNELS HIGHER.						
Y	1381 RB .16500	0 0.			1921	1650*0394	148	1.377 +/- .015E 5	7.2	5.238 +/- 1.955E -5 ZN			
ZR	PEAK IS AT CHANNEL 417.34 WITH HALFWIDTH OF				4.75.	ZN PEAK IS	UMMED STARTING 39.40 CHANNELS HIGHER.						
NB	379 SR .16500	0 PB .05500			11569	3198*8210	242	9.538 +/- .180E 5	222.0	2.328 +/- .064E -4 RB			
MO	PEAK IS AT CHANNEL 417.34 WITH HALFWIDTH OF				9.41.	RB PEAK IS	UMMED STARTING *79.00 CHANNELS HIGHER.						
NI	111 ZR .15900	0 0.			4188	1892*8340	256	1.387 +/- .015E 6	60.9	4.393 +/- .193E -5 SR			
K	PEAK IS AT CHANNEL 417.34 WITH HALFWIDTH OF				9.41.	SR PEAK IS	UMMED STARTING *66.00 CHANNELS HIGHER.						
	FE PEAK IS AT CHANNEL 104.20 WITH HALFWIDTH OF				5447	1892*8520	274	1.941 +/- .022E 6	57.7	2.971 +/- .150E -5 Y			
	FE PEAK IS AT CHANNEL 104.20 WITH HALFWIDTH OF				9.41.	Y PEAK IS	UMMED STARTING *48.00 CHANNELS HIGHER.						
	PEAK IS AT CHANNEL 417.34 WITH HALFWIDTH OF				10118	2761*8660	290	2.329 +/- .026E 6	185.2	7.949 +/- .193E -5 ZR			
	PEAK IS AT CHANNEL 417.34 WITH HALFWIDTH OF				9.41.	ZR PEAK IS	UMMED STARTING *34.00 CHANNELS HIGHER.						
	PEAK IS AT CHANNEL 417.34 WITH HALFWIDTH OF				4740	2649*8844	307	3.261 +/- .037E 6	46.7	1.433 +/- .102E -5 NB			
	PEAK IS AT CHANNEL 417.34 WITH HALFWIDTH OF				9.41.	NB PEAK IS	UMMED STARTING *15.60 CHANNELS HIGHER.						
	PEAK IS AT CHANNEL 417.34 WITH HALFWIDTH OF				6248	5428*9050	328	4.659 +/- .053E 6	-7.7	-1.651 +/- 1.166E -6 MO			
	PEAK IS AT CHANNEL 417.34 WITH HALFWIDTH OF				9.41.	MO PEAK IS	UMMED STARTING -95.00 CHANNELS HIGHER.						
	PEAK IS AT CHANNEL 417.34 WITH HALFWIDTH OF				725	752*0200	126	4.644 +/- .051E 4	-7	-1.547 +/- 3.502E -5 NI			
	FE PEAK IS AT CHANNEL 104.20 WITH HALFWIDTH OF				4.75.	NI PEAK IS	UMMED STARTING 20.00 CHANNELS HIGHER.						
	FE PEAK IS AT CHANNEL 104.20 WITH HALFWIDTH OF				2057	1988*9365	43	3.443 +/- .038E 4	1.8	5.335 +/- 8.031E -5 K			
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				4.75.	K PEAK IS	UMMED STARTING -63.50 CHANNELS HIGHER.						

8063 4 BUR-495 QKL4 QUELKATA, AREQUIPA  
GAMMA SPECTRUM-B 607132

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.85CHANNELS  
STD NUMBER 1 2 -607151 A SAMPLE WEIGHT = -0. G DEAD TIME = 1.06 O/O EOB = 0. MJD  
IRRADIATION TIME = 0. MIN DECAY TIME = 221406.50 DAYS COUNT TIME = 79.994 MIN C/SEC BEG. = 0 C/SEC END = 0  
START TIME = 221406.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BE AN 0/ 0/ 0 PST

8063 5 BUR-496 QK15 QUELKATA, AREQUIPA  
GAMMA SPECTRUM-B 607133

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.91CHANNELS  
 STD NUMBER 1 2 -607151 A SAMPLE WEIGHT = -0. G DEAD TIME = 1.10 0/0 EOB = 0. MJD  
 IRRADIATION TIME = . MIN DECAY TIME = 246179.50 DAYS COUNT TIME = 79.996 MIN C/SEC BEG. = 0 C/SEC END = 0  
 START TIME = 246179.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BE AN 0/ 0/ 0 PST

8063 6 BUR-497 QKL 6 QUELKATA, AREQUIPA  
GAMMA SPECTRUM-B 607134

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.99 CHANNELS  
STD NUMBER 1 2 -607151 A SAMPLE WEIGHT = -0. G DEAD TIME = .92 0/0 EOB = 0. MJD  
IRRADIATION TIME = . MIN DECAY TIME = 140920.00 DAYS COUNT TIME = 79.096 MIN C/SEC BEG. = 0 C/SEC END = 0.  
START TIME = 140920.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BE AN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS COUNTS	BKGD COUNTS	APPR PEAK	EAL X	FLUX(N/MIN-CM2)	CPM	ELEMENT	ELEMENT
	COUNTS EL	MULT	COUNTS EL	MULT								
INCOH					632781	166530	385	388	3.195 +/- .011E 5	449540.0	.001 +/- 2.604E 3	
COH					156135	66124*0412	415	2.010 +/- .016E 3	2002.3		.996 +/- .012E 0	
FE					9004	1946*0105	104	3.443 +/- .038E 4	157.0	4.561 +/- .089E -3	FE	
CR					1060	1121*9784	85	1.687 +/- .019E 4	-1.4	-8.044 +/- 5.982E -5	CR	
MN	FE PEAK IS AT CHANNEL 104.14 WITH HALFWIDTH OF 8 FE .00120	0 CR .11000			5.01.	CR PEAK IS	UMMED	STARTING -21.60 CHANNELS HIGHER.				
TI	FE PEAK IS AT CHANNEL 104.14 WITH HALFWIDTH OF				1769	1323*9874	94	2.231 +/- .024E 4	9.7	4.363 +/- .620E -4	MN	
CA	FE PEAK IS AT CHANNEL 104.14 WITH HALFWIDTH OF				5.01.	MN PEAK IS	UMMED	STARTING -12.60 CHANNELS HIGHER.				
V	FE PEAK IS AT CHANNEL 104.14 WITH HALFWIDTH OF				2557	1408*9604	67	3.098 +/- .034E 3	25.6	8.249 +/- .628E -3	TI	
ZN	FE PEAK IS AT CHANNEL 104.14 WITH HALFWIDTH OF				5.01.	TI PEAK IS	UMMED	STARTING -39.60 CHANNELS HIGHER.				
CU	FE PEAK IS AT CHANNEL 104.14 WITH HALFWIDTH OF				2068	1708*9434	50	1.119 +/- .012E 3	8.0	7.158 +/- 1.224E -3	CA	
PB	PEAK IS AT CHANNEL 417.38 WITH HALFWIDTH OF				5.01.	CA PEAK IS	UMMED	STARTING -56.60 CHANNELS HIGHER.				
RB	PEAK IS AT CHANNEL 417.38 WITH HALFWIDTH OF				1214	1224*9704	77	7.574 +/- .083E 3	-.2	-.294 +/- 1.388E -4	V	
SR	PEAK IS AT CHANNEL 417.38 WITH HALFWIDTH OF				5.01.	V PEAK IS	UMMED	STARTING -29.60 CHANNELS HIGHER.				
Y	1683 RB .16500	0 0.			1971	1685*0394	148	1.377 +/- .015E 5	6.4	4.620 +/- 1.650E -5	ZN	
ZR	PEAK IS AT CHANNEL 417.38 WITH HALFWIDTH OF 446 SR .16500	0 PB .05500			13902	3702*8210	242	9.538 +/- .180E 5	223.6	2.344 +/- .061E -4	RB	
NB	PEAK IS AT CHANNEL 417.38 WITH HALFWIDTH OF 429 Y .15200	0 0.			9.49.	RB PEAK IS	UMMED	STARTING *79.00 CHANNELS HIGHER.				
MO	PEAK IS AT CHANNEL 417.38 WITH HALFWIDTH OF 1444 ZR .15900	0 0.			4669	1963*8340	256	1.387 +/- .015E 6	59.3	4.279 +/- .167E -5	SR	
NI	PEAK IS AT CHANNEL 417.38 WITH HALFWIDTH OF				9.49.	SR PEAK IS	UMMED	STARTING *66.00 CHANNELS HIGHER.				
K	FE PEAK IS AT CHANNEL 104.14 WITH HALFWIDTH OF				Y	1963*8520	274	1.941 +/- .022E 6	61.9	3.191 +/- .133E -5	Y	
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				9.49.	Y PEAK IS	UMMED	STARTING *48.00 CHANNELS HIGHER.				
					5552	2748*8844	307	3.261 +/- .037E 6	52.3	1.604 +/- .089E -5	NB	
					9.49.	NB PEAK IS	UMMED	STARTING *15.60 CHANNELS HIGHER.				
					7337	6106*9050	328	4.659 +/- .053E 6	-4.7	-1.010 +/- 1.028E -6	MO	
					697	752*0200	126	4.644 +/- .051E 4	-1.2	-2.634 +/- 2.916E -5	NI	
					5.01.	NI PEAK IS	UMMED	STARTING 20.00 CHANNELS HIGHER.				
					2746	2016*9365	43	3.443 +/- .038E 4	16.2	4.717 +/- .695E -4	K	
					5.01.	K PEAK IS	UMMED	STARTING -63.50 CHANNELS HIGHER.				

8063 7 BUR-498 QKL 7 QUELKATA, AREQUIPA  
GAMMA SPECTRUM-B 607135

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.94CHANNELS  
STD NUMBER 1 2 -607151 A SAMPLE WEIGHT = -0. G DEAD TIME = .77 O/O EOB = 0. MJD  
IRRADIATION TIME = 0. MIN DECAY TIME = 190540.00 DAYS COUNT TIME = 79.996 MIN C/SEC BEG. = 0 C/SEC END = 0  
START TIME = 190540.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BE AN 0/ 0/ 0 PST



8063 S BUR-500 QK19 QUELKATA, AREQUIPA  
GAMMA SPECTRUM-B 60 7137

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 8.04 CHANNELS  
STD NUMBER 1 2 -607151 A SAMPLE WEIGHT = -.0. G DEAD TIME = .80 0/0 EOB = 0. MJD  
IRRADIATION TIME = .0. MIN DECAY TIME = 96129.00 DAYS COUNT TIME = 79.997 MIN C/SEC BEG. = 0 C/SEC END = 0  
START TIME = 96129.00 MJD PILL THICKNESS = -.0. MILS SPECTRUM BE AN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS	BKGD	APPR	EAL	I	FLUX(N/MIN-CM2)	CPM	ELEMENT	ELEMENT
	COUNTS	EL	MULT	COUNTS	EL	MULT	COUNTS	COUNTS	PEAK	EAK	X	EOB	ABUNDANCE
INCOH				479547	127608	385	388	3.195	+/- .011E 5	335228.0	.001	+/- 1.700E 3	
COH				119901	51146*0412	415	415	2.010	+/- .016E 3	2051.0	1.020	+/- .013E 0	
FE				6979	1384*0105	104	104	3.443	+/- .038E 4	166.9	4.848	+/- .102E -3	FE
CR				792	804*9784	85	85	1.687	+/- .019E 4	-4	-2.122	+/- 6.862E -5	CR
MN	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF 7 FE	.00120	0 CR .11000	1368	953*9874	94	94	2.231	+/- .024E 4	12.2	5.460	+/- .719E -4	MN
TI	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF			5.06.	MN PEAK IS	UMMED	UMMED	STARTING -12.60	CHANNELS HIGHER.				
CA	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF			1104	1010*9604	67	67	3.098	+/- .034E 3	2.8	9.050	+/- 6.563E -4	TI
V	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF			5.06.	TI PEAK IS	UMMED	UMMED	STARTING -39.60	CHANNELS HIGHER.				
ZN	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF			1478	1243*9434	50	50	1.119	+/- .012E 3	7.0	6.266	+/- 1.391E -3	CA
CU	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF			5.06.	CA PEAK IS	UMMED	UMMED	STARTING -56.60	CHANNELS HIGHER.				
PB	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF			830	851*9704	77	77	7.574	+/- .083E 3	-.6	-.827	+/- 1.545E -4	V
RB	PEAK IS AT CHANNEL 417.38 WITH HALFWIDTH OF			5.06.	V PEAK IS	UMMED	UMMED	STARTING -29.60	CHANNELS HIGHER.				
SR	PEAK IS AT CHANNEL 417.38 WITH HALFWIDTH OF			1573	1268*0394	148	148	1.377	+/- .015E 5	9.1	6.607	+/- 1.939E -5	ZN
Y	1257 RB .16500	0	0.	5.06.	ZN PEAK IS	UMMED	UMMED	STARTING 39.40	CHANNELS HIGHER.				
ZR	PEAK IS AT CHANNEL 417.38 WITH HALFWIDTH OF			1201	1172*0284	137	137	9.984	+/- .110E 4	.9	.867	+/- 2.410E -5	CU
NB	345 SR .16500	0	PB .05500	5.06.	CU PEAK IS	UMMED	UMMED	STARTING 28.40	CHANNELS HIGHER.				
MD	PEAK IS AT CHANNEL 417.38 WITH HALFWIDTH OF			2339	5572*8090	231	231	6.885	+/- .076E 4	-96.4	-1.401	+/- .080E -3	PB
NI	294 Y .15200	0	0.	9.40.	PB PEAK IS	UMMED	UMMED	STARTING *91.00	CHANNELS HIGHER.				
K	PEAK IS AT CHANNEL 417.38 WITH HALFWIDTH OF			10325	2708*8210	242	242	9.538	+/- .180E 5	212.1	2.224	+/- .062E -4	RB
	1061 ZR .15900	0	0.	9.40.	RB PEAK IS	UMMED	UMMED	STARTING *79.00	CHANNELS HIGHER.				
	PEAK IS AT CHANNEL 417.38 WITH HALFWIDTH OF			3660	1567*8340	256	256	1.387	+/- .015E 6	58.5	4.222	+/- .187E -5	SR
	PEAK IS AT CHANNEL 417.38 WITH HALFWIDTH OF			9.40.	SR PEAK IS	UMMED	UMMED	STARTING *66.00	CHANNELS HIGHER.				
	1257 RB .16500	0	0.	4761	1567*8520	274	274	1.941	+/- .022E 6	54.5	2.807	+/- .147E -5	Y
	PEAK IS AT CHANNEL 417.38 WITH HALFWIDTH OF			9.40.	Y PEAK IS	UMMED	UMMED	STARTING *48.00	CHANNELS HIGHER.				
	345 SR .16500	0	PB .05500	9306	2287*8660	290	290	2.329	+/- .026E 6	189.4	8.131	+/- .194E -5	ZR
	PEAK IS AT CHANNEL 417.38 WITH HALFWIDTH OF			9.40.	ZR PEAK IS	UMMED	UMMED	STARTING *34.00	CHANNELS HIGHER.				
	294 Y .15200	0	0.	4310	2194*8844	307	307	3.261	+/- .037E 6	52.3	1.605	+/- .102E -5	NB
	PEAK IS AT CHANNEL 417.38 WITH HALFWIDTH OF			9.40.	NB PEAK IS	UMMED	UMMED	STARTING *15.60	CHANNELS HIGHER.				
	1061 ZR .15900	0	0.	5355	4786*9050	328	328	4.659	+/- .053E 6	-14.4	-3.088	+/- 1.195E -6	MO
	PEAK IS AT CHANNEL 417.38 WITH HALFWIDTH OF			9.40.	MO PEAK IS	UMMED	UMMED	STARTING -95.00	CHANNELS HIGHER.				
	536 536*0200	126		536	536*0200	126	126	4.644	+/- .051E 4	.0	.000	+/- 6.651E -5	NI
	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF			5.06.	NI PEAK IS	UMMED	UMMED	STARTING 20.00	CHANNELS HIGHER.				
	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF			1890	1554*9365	43	43	3.443	+/- .038E 4	10.0	2.911	+/- .809E -4	K
	COUNT RATE CORRECTION FOR LAST ELEMENT = I			5.06.	K PEAK IS	UMMED	UMMED	STARTING -63.50	CHANNELS HIGHER.				

8063 + BUR-501 QK20 QUELKATA, AREQUIPA  
GAMMA SPECTRUM-B 607138

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.79 CHANNELS

STD NUMBER 1 2 -607151 A SAMPLE WEIGHT = -0. G DEAD TIME = 1.13 0/0 EOB = 0. MJD  
IRRADIATION TIME = 0. MIN DECAY TIME = 192128.00 DAYS COUNT TIME = 79.995 MIN C/SEC BEG. = 0 C/SEC END = 0  
START TIME = 192128.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BE AN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS COUNTS	BKGD COUNTS	APPR PEAK	EAL EAK	I X	FLUX(N/MIN-CM2)	CPM	ELEMENT	ELEMENT
	COUNTS	EL	MULT	COUNTS	EL	MULT						EOB	ABUNDANCE
INCOH					790397	191067	385	388	3.195 +/- .011E 5	582619.0	.002	+/- 3.636E 3	
COH					194309	81918*0412	415	2.010 +/- .016E 3		1929.1	.960	+/- .011E -0	
FE					10082	2383*0105	105	3.443 +/- .038E 4		132.1	3.839	+/- .074E -3	FE
CR					1412	1410*9784	85	1.687 +/- .019E 4			.0	+/- 5.240E -5	CR
	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				4.58.	CR PEAK IS	UMMED	STARTING -21.60 CHANNELS HIGHER.					
MN	9 FE .00120	0 CR .11000			2120	1638*9874	94	2.231 +/- .024E 4			8.1	3.636 +/- .530E -4	MN
	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				4.58.	MN PEAK IS	UMMED	STARTING -12.60 CHANNELS HIGHER.					
TI					1962	1855*9604	67	3.098 +/- .034E 3			1.8	5.927 +/- 5.107E -4	TI
CA	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				4.58.	TI PEAK IS	UMMED	STARTING -39.60 CHANNELS HIGHER.					
V					2471	2132*9434	50	1.119 +/- .012E 3			5.8	5.200 +/- 1.041E -3	CA
	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				4.58.	CA PEAK IS	UMMED	STARTING -56.60 CHANNELS HIGHER.					
ZN					1410	1504*9704	77	7.574 +/- .083E 3			-1.6	-2.130 +/- 1.170E -4	V
	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				4.58.	V PEAK IS	UMMED	STARTING -29.60 CHANNELS HIGHER.					
CU					2572	2322*0394	148	1.377 +/- .015E 5			4.3	3.116 +/- 1.489E -5	ZN
PB	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				4.58.	ZN PEAK IS	UMMED	STARTING 39.40 CHANNELS HIGHER.					
	PEAK IS AT CHANNEL 417.44 WITH HALFWIDTH OF				2145	1960*0284	137	9.984 +/- .110E 4			3.2	3.181 +/- 1.811E -5	CU
RB					4.58.	CU PEAK IS	UMMED	STARTING 28.40 CHANNELS HIGHER.					
	PEAK IS AT CHANNEL 417.44 WITH HALFWIDTH OF				4082	9119*8090	231	6.885 +/- .076E 4			-86.5	-1.256 +/- .060E -3	PB
	9.32. PB PEAK IS				9.32.	PB PEAK IS	UMMED	STARTING *91.00 CHANNELS HIGHER.					
SR					16752	4609*8210	242	9.538 +/- .180E 5			208.1	2.181 +/- .055E -4	RB
	PEAK IS AT CHANNEL 417.44 WITH HALFWIDTH OF				9.32.	RB PEAK IS	UMMED	STARTING *79.00 CHANNELS HIGHER.					
Y					5751	2714*8340	256	1.387 +/- .015E 6			52.0	3.753 +/- .149E -5	SR
	PEAK IS AT CHANNEL 417.44 WITH HALFWIDTH OF				9.32.	SR PEAK IS	UMMED	STARTING *66.00 CHANNELS HIGHER.					
ZR	2004 RB .16500	0 0.			7837	2714*8520	274	1.941 +/- .022E 6			53.4	2.753 +/- .117E -5	Y
	PEAK IS AT CHANNEL 417.44 WITH HALFWIDTH OF				9.32.	Y PEAK IS	UMMED	STARTING *48.00 CHANNELS HIGHER.					
NB	501 SR .16500	0 PB .05500			15233	3960*8660	290	2.329 +/- .026E 6			184.6	7.924 +/- .161E -5	ZR
	PEAK IS AT CHANNEL 417.44 WITH HALFWIDTH OF				9.32.	ZR PEAK IS	UMMED	STARTING *34.00 CHANNELS HIGHER.					
MO	474 Y .15200	0 0.			6951	3800*8844	307	3.261 +/- .037E 6			45.9	1.407 +/- .080E -5	NB
	PEAK IS AT CHANNEL 417.44 WITH HALFWIDTH OF				9.32.	NB PEAK IS	UMMED	STARTING *15.60 CHANNELS HIGHER.					
NI	1713 ZR .15900	0 0.			9226	7975*9050	328	4.659 +/- .53E 6			-7.9	-1.700 +/- .910E -6	MO
	PEAK IS AT CHANNEL 417.44 WITH HALFWIDTH OF				9.32.	MO PEAK IS	UMMED	STARTING -95.00 CHANNELS HIGHER.					
K					947	772*0200	126	4.644 +/- .051E 4			3.0	6.468 +/- 2.349E -5	NI
	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				4.58.	NI PEAK IS	UMMED	STARTING 20.00 CHANNELS HIGHER.					
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				2879	2555*9365	43	3.443 +/- .038E 4			5.6	1.615 +/- .591E -4	K
	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				4.58.	K PEAK IS	UMMED	STARTING -63.50 CHANNELS HIGHER.					

8063 - BUR-502 GUL 3 GUANGALA, ECUADOR, 06SE-46U  
 GAMMA SPECTRUM-B 607139

LEVELS 7/8

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.75CHANNELS  
 STD NUMBER 1 2 -607151 A SAMPLE WEIGHT = -0. G DEAD TIME = 1.21 0/0 EOB = 0. MJD  
 IRRADIATION TIME = . MIN DECAY TIME = 296578.00 DAYS COUNT TIME = 79.994 MIN C/SEC BEG. = 0 C/SEC END = 0  
 START TIME = 296578.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BE AN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS COUNTS	BKGD COUNTS	APPR PEAK	EAL EAk	I X	FLUX(N/MIN-CM2)	CPM	ELEMENT	ELEMENT
	COUNTS	EL MULT	COUNTS	EL MULT								EOB	ABUNDANCE
INCOH					846324	210329	385	388	3.195 +/- .011E 5	619284.0	.002 +/- 4.045E 3		
COH					211656	88880*0412	412	415	2.010 +/- .016E 3	1982.5	.986 +/- .011E -0		
FE					10609	3160*0105	105	104	3.443 +/- .038E 4	120.3	3.494 +/- .071E -3	FE	
CR					1738	1886*9784	84	85	1.687 +/- .019E 4	-2.4	-1.417 +/- .559E -4	CR	
MN	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF 9 FE .0120	0 CR .11000			4.73.	CR PEAK IS	UMMED	STARTING -21.60 CHANNELS HIGHER.					
TI	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF				2362	2134*9874	94	94	2.231 +/- .024E 4	3.5	1.586 +/- .546E -4	MN	
CA	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF				4.73.	MN PEAK IS	UMMED	STARTING -12.60 CHANNELS HIGHER.					
V	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF				2438	2525*9604	64	67	3.098 +/- .034E 3	-1.4	-4.534 +/- 5.594E -4	TI	
ZN	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF				4.73.	TI PEAK IS	UMMED	STARTING -39.60 CHANNELS HIGHER.					
CU	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF				3656	2867*9434	50	50	1.119 +/- .012E 3	12.7	1.139 +/- .117E -2	CA	
PB	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF				4.73.	CA PEAK IS	UMMED	STARTING -56.60 CHANNELS HIGHER.					
RB	PEAK IS AT CHANNEL 417.46 WITH HALFWIDTH OF				1847	1878*9704	77	77	7.574 +/- .083E 3	-.5	-.661 +/- 1.245E -4	V	
SR	PEAK IS AT CHANNEL 417.46 WITH HALFWIDTH OF				4.73.	V PEAK IS	UMMED	STARTING -29.60 CHANNELS HIGHER.					
Y	PEAK IS AT CHANNEL 417.46 WITH HALFWIDTH OF 1443 RB .16500	0 0.			3316	2774*0394	148	148	1.377 +/- .015E 5	8.8	6.356 +/- 1.541E -5	ZN	
ZR	PEAK IS AT CHANNEL 417.46 WITH HALFWIDTH OF 1057 SR .16500	0 PB .05500			4.73.	ZN PEAK IS	UMMED	STARTING 39.40 CHANNELS HIGHER.					
NB	PEAK IS AT CHANNEL 417.46 WITH HALFWIDTH OF 234 Y .15200	0 0.			2901	2527*0284	137	9.984 +/- .110E 4	6.0	6.049 +/- 1.935E -5	CU		
MO	PEAK IS AT CHANNEL 417.46 WITH HALFWIDTH OF 1334 ZR .15900	0 0.			4.73.	CU PEAK IS	UMMED	STARTING 28.40 CHANNELS HIGHER.					
NI	PEAK IS AT CHANNEL 417.46 WITH HALFWIDTH OF				4493	7992*8090	231	6.885 +/- .076E 4	-56.5	-8.206 +/- .525E -4	PB		
K	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF				9.29.	PB PEAK IS	UMMED	STARTING *91.00 CHANNELS HIGHER.					
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				13286	4541*8210	242	9.538 +/- .180E 5	141.2	1.481 +/- .042E -4	RB		
	FE PEAK IS AT CHANNEL 417.46 WITH HALFWIDTH OF				9.29.	RB PEAK IS	UMMED	STARTING *79.00 CHANNELS HIGHER.					
	PEAK IS AT CHANNEL 417.46 WITH HALFWIDTH OF 9.29. SR PEAK IS				9853	3445*8340	256	1.387 +/- .015E 6	103.5	7.463 +/- .184E -5	SR		
	PEAK IS AT CHANNEL 417.46 WITH HALFWIDTH OF 9.29. Y PEAK IS				6430	3445*8520	274	1.941 +/- .022E 6	24.9	1.283 +/- .109E -5	Y		
	PEAK IS AT CHANNEL 417.46 WITH HALFWIDTH OF 9.29. ZR PEAK IS				14336	4891*8660	290	2.329 +/- .026E 6	135.4	5.815 +/- .146E -5	ZR		
	PEAK IS AT CHANNEL 417.46 WITH HALFWIDTH OF 9.29. NB PEAK IS				6018	4693*8844	307	3.261 +/- .037E 6	17.6	5.400 +/- .777E -6	NB		
	PEAK IS AT CHANNEL 417.46 WITH HALFWIDTH OF 9.29. MO PEAK IS				9527	9158*9050	328	4.659 +/- .053E 6	-15.6	-3.344 +/- .911E -6	MO		
	PEAK IS AT CHANNEL 417.46 WITH HALFWIDTH OF 9.29. NI PEAK IS				1261	1208*0200	126	4.644 +/- .051E 4	.9	1.843 +/- 2.714E -5	NI		
	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF 9.29. K PEAK IS				3666	3222*9365	43	3.443 +/- .038E 4	7.2	2.083 +/- .619E -4	K		
	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF				4.73.	K PEAK IS	UMMED	STARTING -63.50 CHANNELS HIGHER.					

8063 \* BUR-503 GUL 4 GUANGALA, ECUADOR, 06SE-46U LEVELS 7/8  
GAMMA SPECTRUM-B 6071+0

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 8.12CHANNELS  
STD NUMBER 1 2 -607151 A SAMPLE WEIGHT = -0. G DEAD TIME = .56 O/O EOB = 0. MJD  
IRRADIATION TIME = J. MIN DECAY TIME = 163171.50 DAYS COUNT TIME = 79.994 MIN C/SEC BEG. = 0 C/SEC END = 0  
START TIME = 163171.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BE AN 0/ 0/ 0 PST

8063 / BUR-504 GUL 5 GUANGALA, ECUADOR, 06SE-46U LEVELS 7/8  
GAMMA SPECTRUM-B 6071+1

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.67CHANNELS  
STD NUMBER 1 2 -607151 A SAMPLE WEIGHT = -0. G DEAD TIME = .79 O/O EOB = 0. MJD  
IRRADIATION TIME = . MIN DECAY TIME = 71839.50 DAYS COUNT TIME = 79.994 MIN C/SEC BEG. = 0 C/SEC END = 0  
START TIME = 71839.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BE AN 7/26/2055 PST

8063 ( BUR-505 GU16 GUANGALA, ECUADOR, 06SE-46U LEVELS 7/8  
 GAMMA SPECTRUM-B 607142

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.94 CHANNELS  
 STD NUMBER 1 2 -607151 A SAMPLE WEIGHT = -.0. G DEAD TIME = 1.05 O/O EOB = 0. MJD  
 IRRADIATION TIME = . MIN DECAY TIME = 144089.00 DAYS COUNT TIME = 79.993 MIN C/SEC BEG. = 0 C/SEC END = 0  
 START TIME = 144089.00 MJD PILL THICKNESS = -.0. MILS SPECTRUM BE AN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS	BKGD	APPR	EAL	I	FLUX(IN/MIN-CM <sup>2</sup> )	CPM	ELEMENT	ELEMENT	
	COUNTS EL	MULT	COUNTS EL	MULT	COUNTS	COUNTS	PEAK	EAK X			EOB	ABUNDANCE		
INCOH					718556	180560	385	388	3.195 +/- .011E 5	521285.0	.002 +/- 3.153E 3			
COH					176069	73436*0412	412	415	2.010 +/- .016E 3	1968.8	.980 +/- .011E -0			
FE						8450	2040*0105	105	3.443 +/- .038E 4	123.0	3.572 +/- .074E -3 FE			
CR	FE PEAK IS AT CHANNEL 104.27 WITH HALFWIDTH OF 8 FE .00120	2 CR .11000			1219	1197*9784	85	1.687 +/- .019E 4		.4	2.502 +/- 5.435E -5 CR			
MN	FE PEAK IS AT CHANNEL 104.27 WITH HALFWIDTH OF				4.98.	CR PEAK IS	UMMED	STARTING -21.60 CHANNELS HIGHER.						
TI	FE PEAK IS AT CHANNEL 104.27 WITH HALFWIDTH OF				1650	1433*9874	94	2.231 +/- .024E 4	4.0	1.779 +/- .540E -4 MN				
CA	FE PEAK IS AT CHANNEL 104.27 WITH HALFWIDTH OF				4.98.	MN PEAK IS	UMMED	STARTING -12.60 CHANNELS HIGHER.						
V	FE PEAK IS AT CHANNEL 104.27 WITH HALFWIDTH OF				1631	1490*9604	67	3.098 +/- .034E 3	2.7	8.730 +/- 5.127E -4 TI				
ZN	FE PEAK IS AT CHANNEL 104.27 WITH HALFWIDTH OF				4.98.	TI PEAK IS	UMMED	STARTING -39.60 CHANNELS HIGHER.						
CU	FE PEAK IS AT CHANNEL 104.27 WITH HALFWIDTH OF				2127	1752*9434	50	1.119 +/- .012E 3	7.2	6.430 +/- 1.070E -3 CA				
PB	FE PEAK IS AT CHANNEL 104.27 WITH HALFWIDTH OF				4.98.	CA PEAK IS	UMMED	STARTING -56.60 CHANNELS HIGHER.						
RB	PEAK IS AT CHANNEL 417.42 WITH HALFWIDTH OF				1260	1262*9704	77	7.574 +/- .083E 3	-.0	-.051 +/- 1.218E -4 V				
SR	PEAK IS AT CHANNEL 417.42 WITH HALFWIDTH OF				4.98.	V PEAK IS	UMMED	STARTING -29.60 CHANNELS HIGHER.						
Y	1268 RB .16500	0 0.			2031	1951*0394	148	1.377 +/- .015E 5	1.5	1.114 +/- 1.518E -5 ZN				
ZR	PEAK IS AT CHANNEL 417.42 WITH HALFWIDTH OF				4.98.	ZN PEAK IS	UMMED	STARTING 39.40 CHANNELS HIGHER.						
NB	929 SR .16500	0 PB .05500			1741	1729*0284	137	9.984 +/- .110E 4	.2	.231 +/- 1.882E -5 CU				
MO	PEAK IS AT CHANNEL 417.42 WITH HALFWIDTH OF				4.98.	CU PEAK IS	UMMED	STARTING 28.40 CHANNELS HIGHER.						
NI	1283 ZR .15900	0 0.			3210	5984*8090	231	6.885 +/- .076E 4	-53.2	-7.729 +/- .537E -4 PB				
K	PEAK IS AT CHANNEL 417.42 WITH HALFWIDTH OF				9.34.	PB PEAK IS	UMMED	STARTING *91.00 CHANNELS HIGHER.						
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				10986	3303*8210	242	9.538 +/- .180E 5	145.5	1.525 +/- .044E -4 RB				
					9.34.	RB PEAK IS	UMMED	STARTING *79.00 CHANNELS HIGHER.						
					7773	2142*8340	256	1.387 +/- .015E 6	106.6	7.691 +/- .183E -5 SR				
					9.34.	SR PEAK IS	UMMED	STARTING *66.00 CHANNELS HIGHER.						
					5291	2142*8520	274	1.941 +/- .022E 6	35.6	1.836 +/- .109E -5 Y				
					9.34.	Y PEAK IS	UMMED	STARTING *48.00 CHANNELS HIGHER.						
					12115	3117*8660	290	2.329 +/- .026E 6	153.1	6.571 +/- .151E -5 ZR				
					9.34.	ZR PEAK IS	UMMED	STARTING *34.00 CHANNELS HIGHER.						
					4942	2933*8844	307	3.261 +/- .037E 6	32.8	1.004 +/- .076E -5 NB				
					9.34.	NB PEAK IS	UMMED	STARTING *15.60 CHANNELS HIGHER.						
					7902	7529*9050	328	4.659 +/- .53E 6	-17.4	-3.727 +/- .977E -6 MO				
					9.34.	MO PEAK IS	UMMED	STARTING -95.00 CHANNELS HIGHER.						
					765	752*0200	126	4.644 +/- .051E 4	.2	.537 +/- 2.537E -5 NI				
					2558	2246*9365	43	3.443 +/- .038E 4	6.0	1.739 +/- .618E -4 K				
					4.98.	K PEAK IS	UMMED	STARTING -63.50 CHANNELS HIGHER.						

8063 \$ BUR-506 GUI 7 GUANGALA, ECUADOR, 06SE-46U  
GAMMA SPECTRUM-B 6071+3

LEVELS 7/8

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.95 CHANNELS  
STD NUMBER 1 2 -607151 A SAMPLE WEIGHT = -0. G DEAD TIME = 1.23 0/0 EOB = 0. MJD  
IRRADIATION TIME = . MIN DECAY TIME = 108972.00 DAYS COUNT TIME = 79.993 MIN C/SEC BEG. = 0 C/SEC END = 0  
START TIME = 108972.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BE AN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS COUNTS	BKGD COUNTS	APPR PEAK	EAL EAK	I X	FLUX(N/MIN-CM2)	CPM EOB	ELEMENT	ELEMENT
	COUNTS	EL MULT	COUNTS	EL MULT								ABUNDANCE	
INCOH					850572	194698	385	388	3.195 +/- .011E 5	639163.0	.002 +/- 4.040E 3		
COH					197122	83152*0412	415	415	2.010 +/- .016E 3	1783.1	.887 +/- .010E -0		
FE					11336	2132*0105	104	104	3.443 +/- .038E 4	144.0	4.183 +/- .073E -3	FE	
CR					1221	1245*9784	85	85	1.687 +/- .019E 4	-4	-2.226 +/- 4.474E -5	CR	
MN	FE PEAK IS AT CHANNEL 104.21 WITH HALFWIDTH OF 11 FE .00120	0 CR .11000			5.21.	CR PEAK IS	UMMED STARTING -21.60 CHANNELS HIGHER.						
TI	FE PEAK IS AT CHANNEL 104.21 WITH HALFWIDTH OF 11 FE .00120	0 CR .11000			1825	1497*9874	94	94	2.231 +/- .024E 4	5.0	2.223 +/- .454E -4	MN	
CA	FE PEAK IS AT CHANNEL 104.21 WITH HALFWIDTH OF 11 FE .00120	0 CR .11000			5.21.	MN PEAK IS	UMMED STARTING -12.60 CHANNELS HIGHER.						
V	FE PEAK IS AT CHANNEL 104.21 WITH HALFWIDTH OF 11 FE .00120	0 CR .11000			1814	1591*9604	67	67	3.098 +/- .034E 3	3.5	1.126 +/- .436E -3	TI	
ZN	FE PEAK IS AT CHANNEL 104.21 WITH HALFWIDTH OF 11 FE .00120	0 CR .11000			5.21.	TI PEAK IS	UMMED STARTING -39.60 CHANNELS HIGHER.						
CU	FE PEAK IS AT CHANNEL 104.21 WITH HALFWIDTH OF 11 FE .00120	0 CR .11000			2340	1883*9434	50	50	1.119 +/- .012E 3	7.1	6.390 +/- .911E -3	CA	
PB	FE PEAK IS AT CHANNEL 104.21 WITH HALFWIDTH OF 11 FE .00120	0 CR .11000			5.21.	CA PEAK IS	UMMED STARTING -56.60 CHANNELS HIGHER.						
RB	PEAK IS AT CHANNEL 417.57 WITH HALFWIDTH OF 1622 RB .16500	0 0.			1378	1273*9704	77	77	7.574 +/- .083E 3	1.6	2.169 +/- 1.021E -4	V	
SR	PEAK IS AT CHANNEL 417.57 WITH HALFWIDTH OF 1622 RB .16500	0 0.			2280	2074*0394	148	148	1.377 +/- .015E 5	3.2	2.340 +/- 1.281E -5	ZN	
Y	PEAK IS AT CHANNEL 417.57 WITH HALFWIDTH OF 1622 RB .16500	0 0.			5.21.	ZN PEAK IS	UMMED STARTING 39.40 CHANNELS HIGHER.						
ZR	PEAK IS AT CHANNEL 417.57 WITH HALFWIDTH OF 1210 SR .16500	0 PB .05500			1892	1874*0284	137	137	9.984 +/- .110E 4	.3	.282 +/- 1.600E -5	CU	
NB	PEAK IS AT CHANNEL 417.57 WITH HALFWIDTH OF 1210 SR .16500	0 PB .05500			5.21.	CU PEAK IS	UMMED STARTING 28.40 CHANNELS HIGHER.						
MO	PEAK IS AT CHANNEL 417.57 WITH HALFWIDTH OF 1629 ZR .15900	0 0.			3691	7502*8090	232	232	6.885 +/- .076E 4	-59.6	-8.660 +/- .492E -4	PB	
NI	PEAK IS AT CHANNEL 417.57 WITH HALFWIDTH OF 1629 ZR .15900	0 0.			9.37.	PB PEAK IS	UMMED STARTING *91.00 CHANNELS HIGHER.						
K	PEAK IS AT CHANNEL 417.57 WITH HALFWIDTH OF 1629 ZR .15900	0 0.			13633	3803*8210	243	243	9.538 +/- .180E 5	147.0	1.541 +/- .040E -4	RB	
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				9.37.	RB PEAK IS	UMMED STARTING *79.00 CHANNELS HIGHER.						
					9557	2224*8340	257	257	1.387 +/- .015E 6	109.9	7.923 +/- .163E -5	SR	
					9.37.	SR PEAK IS	UMMED STARTING *66.00 CHANNELS HIGHER.						
					6278	2224*8520	275	275	1.941 +/- .022E 6	36.6	1.883 +/- .092E -5	Y	
					9.37.	Y PEAK IS	UMMED STARTING *48.00 CHANNELS HIGHER.						
					14703	3245*8660	291	291	2.329 +/- .026E 6	154.9	6.648 +/- .134E -5	ZR	
					9.37.	ZR PEAK IS	UMMED STARTING *34.00 CHANNELS HIGHER.						
					5810	3114*8844	307	307	3.261 +/- .037E 6	35.4	1.087 +/- .064E -5	NB	
					9.37.	NB PEAK IS	UMMED STARTING *15.60 CHANNELS HIGHER.						
					9560	9085*9050	329	329	4.659 +/- .053E 6	-17.8	-3.820 +/- .866E -6	MO	
					9.37.	MO PEAK IS	UMMED STARTING -95.00 CHANNELS HIGHER.						
					832	788*0200	126	126	4.644 +/- .051E 4	.7	1.482 +/- 2.126E -5	NI	
					5.21.	NI PEAK IS	UMMED STARTING 20.00 CHANNELS HIGHER.						
					2809	2175*9365	43	43	3.443 +/- .038E 4	9.9	2.881 +/- .503E -4	K	
					5.21.	K PEAK IS	UMMED STARTING -63.50 CHANNELS HIGHER.						

8063 . BUR-507 GUL 8 GUANGALA, ECUADOR, 06SE-46U LEVELS 7/8  
GAMMA SPECTRUM-B 6071+4

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.98CHANNELS  
STD NUMBER 1 2 -607151 A SAMPLE WEIGHT = -0. G DEAD TIME = 1.06 0/0 EOB = 0. MJD  
IRRADIATION TIME = 0. MIN DECAY TIME = 105191.00 DAYS COUNT TIME = 79.994 MIN C/SEC BEG. = 0 C/SEC END = 0  
START TIME = 105191.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BE AN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK						GROSS COUNTS	BKGD COUNTS	APPR PEAK	EAL EAK	I X	FLUX(N/MIN-CM2)	CPM EOB	ELEMENT	ELEMENT ABUNDANCE
	COUNTS	EL	MULT	COUNTS	EL	MULT									
INCOH				681250	163752	385	388	3.195	+/- .011E	5	500787.0	.002	+/- .2895E	3	
COH				160753	68341*0412	412	415	2.010	+/- .016E	3	1845.3	.918	+/- .011E	-0	
FE					8441	1707*0105	105	3.443	+/- .038E	4	134.5	3.906	+/- .076E	-3 FE	
CR					1046	1016*9784	85	1.687	+/- .019E	4	.6	3.551	+/- 5.217E	-5 CR	
MN	FE PEAK IS AT CHANNEL 104.17 WITH HALFWIDTH OF 8 FE	.0120	3 CR	.11000	1503	1191*9874	94	2.231	+/- .024E	4	6.0	2.691	+/- .522E	-4 MN	
TI	FE PEAK IS AT CHANNEL 104.17 WITH HALFWIDTH OF				4.97.	MN PEAK IS	UMMED	STARTING -12.60	CHANNELS HIGHER.						
CA	FE PEAK IS AT CHANNEL 104.17 WITH HALFWIDTH OF				1507	1373*9604	67	3.098	+/- .034E	3	2.7	8.636	+/- 5.152E	-4 TI	
V	FE PEAK IS AT CHANNEL 104.17 WITH HALFWIDTH OF				1882	1563*9434	50	1.119	+/- .012E	3	6.4	5.693	+/- 1.049E	-3 CA	
ZN	FE PEAK IS AT CHANNEL 104.17 WITH HALFWIDTH OF				1101	1081*9704	77	7.574	+/- .083E	3	.4	.527	+/- 1.180E	-4 V	
CU	FE PEAK IS AT CHANNEL 104.17 WITH HALFWIDTH OF				2186	1635*0394	148	1.377	+/- .015E	5	11.0	7.990	+/- 1.484E	-5 ZN	
PB	PEAK IS AT CHANNEL 417.46 WITH HALFWIDTH OF				4.97.	ZN PEAK IS	UMMED	STARTING 39.40	CHANNELS HIGHER.						
RB	PEAK IS AT CHANNEL 417.46 WITH HALFWIDTH OF				1552	1499*0284	137	9.984	+/- .110E	4	1.1	1.060	+/- 1.830E	-5 CU	
SR	PEAK IS AT CHANNEL 417.46 WITH HALFWIDTH OF				3057	5940*8090	231	6.885	+/- .076E	4	-57.6	-8.361	+/- .557E	-4 PB	
Y	PEAK IS AT CHANNEL 417.46 WITH HALFWIDTH OF 1311 RB .16500	0	0.		9.33.	PB PEAK IS	UMMED	STARTING *91.00	CHANNELS HIGHER.						
ZR	PEAK IS AT CHANNEL 417.46 WITH HALFWIDTH OF 940 SR .16500	0	PB .05500		11082	3136*8210	242	9.538	+/- .180E	5	150.7	1.580	+/- .044E	-4 RB	
NB	PEAK IS AT CHANNEL 417.46 WITH HALFWIDTH OF 304 Y .15200	0	0.		7575	1875*8340	256	1.387	+/- .015E	6	108.4	7.818	+/- .180E	-5 SR	
MO	PEAK IS AT CHANNEL 417.46 WITH HALFWIDTH OF 1280 ZR .15900	0	0.		5185	1875*8520	274	1.941	+/- .022E	6	38.2	1.966	+/- .106E	-5 Y	
NI	PEAK IS AT CHANNEL 417.46 WITH HALFWIDTH OF				9.33.	Y PEAK IS	UMMED	STARTING *48.00	CHANNELS HIGHER.						
K	FE PEAK IS AT CHANNEL 104.17 WITH HALFWIDTH OF				11728	2736*8660	290	2.329	+/- .026E	6	154.7	6.640	+/- .148E	-5 ZR	
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				4766	2625*8844	307	3.261	+/- .037E	6	35.6	1.092	+/- .074E	-5 NB	
					7543	6909*9050	328	4.659	+/- .053E	6	-12.7	-2.725	+/- .965E	-6 MO	
					663	636*0200	126	4.644	+/- .051E	4	.5	1.161	+/- 2.435E	-5 NI	
					2219	1807*9365	43	3.443	+/- .038E	4	8.2	2.390	+/- .581E	-4 K	
					4.97.	K PEAK IS	UMMED	STARTING -63.50	CHANNELS HIGHER.						

8063 ] BUR-508 E17 EL INGA ECUADOR, SURFACE  
GAMMA SPECTRUM-B 607145

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.86CHANNELS  
 STD NUMBER 1 2 -607151 A SAMPLE WEIGHT = -0. G DEAD TIME = .51 0/0 EOB = 0. MJD  
 IRRADIATION TIME = . MIN DECAY TIME = 219800.50 DAYS COUNT TIME = 79.994 MIN C/SEC BEG. = 0 C/SEC END = 0  
 START TIME = 219800.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BE AN 0/ 0/ 0 PST

8063 # BUR-509 E18 EL INGA ECUADOR, SURFACE  
GAMMA SPECTRUM-B 6071+6

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.86 CHANNELS  
STD NUMBER 1 2 -607151 A SAMPLE WEIGHT = -0. G DEAD TIME = .94 0/0 EOB = 0. MJD  
IRRADIATION TIME = 0. MIN DECAY TIME = 117909.00 DAYS COUNT TIME = 79.993 MIN C/SEC BEG. = 0 C/SEC END = 0  
START TIME = 117909.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BE AN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS	BKGD	APPR	EAL	I	FLUX(N/MIN-CM <sup>2</sup> )	CPM	ELEMENT	ELEMENT
	COUNTS	EL	MULT	COUNTS	EL	MULT	COUNTS	COUNTS	PEAK	EAK X	EOB	ABUNDANCE	
INCOH				619995	148958	385	388	3.195	+/- .011E 5	454326.0	.001	+/- 2.504E	3
COH				145836	60472*0412	415	415	2.010	+/- .016E 3	1878.9	.935	+/- .011E	-0
FE				8238	1617*0105	104	104	3.443	+/- .038E 4	145.7	4.233	+/- .083E	-3 FE
CR				919	936*9784	85	85	1.687	+/- .019E 4	-4	-2.218	+/- 5.454E	-5 CR
MN	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF 8 FE .00120	0 CR .11000		5.00.	CR PEAK IS	UMMED STARTING -21.60 CHANNELS HIGHER.							
TI	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF 5.00.	0 CR .11000		1432	1123*9874	94	94	2.231	+/- .024E 4	6.6	2.970	+/- .559E	-4 MN
CA	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF 5.00.	0 CR .11000		1307	1222*9604	67	67	3.098	+/- .034E 3	1.9	6.038	+/- 5.356E	-4 TI
V	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF 5.00.	0 CR .11000		1673	1387*9434	50	50	1.119	+/- .012E 3	6.3	5.626	+/- 1.090E	-3 CA
ZN	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF 5.00.	0 CR .11000		996	1004*9704	77	77	7.574	+/- .083E 3	-2	-0.232	+/- 1.244E	-4 V
CU	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF 5.00.	0 CR .11000		1760	1560*0394	148	148	1.377	+/- .015E 5	4.4	3.197	+/- 1.567E	-5 ZN
PB	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF 9.28.	0 CR .11000		1388	1440*0284	137	137	9.984	+/- .110E 4	-1.1	-1.146	+/- 1.955E	-5 CU
RB	PEAK IS AT CHANNEL 417.41 WITH HALFWIDTH OF 9.28.	0 CR .11000		2704	5390*8090	231	231	6.885	+/- .076E 4	-59.1	-8.587	+/- .584E	-4 PB
SR	PEAK IS AT CHANNEL 417.41 WITH HALFWIDTH OF 9.28.	0 CR .11000		10209	3104*8210	242	242	9.538	+/- .180E 5	151.2	1.585	+/- .047E	-4 RB
Y	1172 RB .16500	0 0.		4545	1762*8520	274	274	1.941	+/- .022E 6	34.4	1.772	+/- .112E	-5 Y
ZR	PEAK IS AT CHANNEL 417.41 WITH HALFWIDTH OF 9.28.	0 CR .16500		9.28.	Y PEAK IS	UMMED STARTING *48.00 CHANNELS HIGHER.							
NB	868 SR .16500	0 PB .05500		10568	2532*8660	290	290	2.329	+/- .026E 6	153.6	6.596	+/- .155E	-5 ZR
MO	PEAK IS AT CHANNEL 417.41 WITH HALFWIDTH OF 9.28.	0 CR .16500		9.28.	ZR PEAK IS	UMMED STARTING *34.00 CHANNELS HIGHER.							
NI	245 Y .15200	0 0.		4134	2409*8844	307	307	3.261	+/- .037E 6	31.9	9.787	+/- .781E	-6 NB
K	PEAK IS AT CHANNEL 417.41 WITH HALFWIDTH OF 9.28.	0 CR .15200		9.28.	NB PEAK IS	UMMED STARTING *15.60 CHANNELS HIGHER.							
MO	1140 ZR .15900	0 0.		6822	6335*9050	328	328	4.659	+/- .053E 6	-14.2	-3.048	+/- 1.024E	-6 MO
NI	PEAK IS AT CHANNEL 417.41 WITH HALFWIDTH OF 9.28.	0 CR .15900		630	712*0200	126	126	4.644	+/- .051E 4	-1.8	-3.886	+/- 2.795E	-5 NI
FE	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF 5.00.	0 CR .15900		5.00.	NI PEAK IS	UMMED STARTING 20.00 CHANNELS HIGHER.							
K	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF 5.00.	0 CR .15900		2115	1623*9365	43	43	3.443	+/- .038E 4	10.8	3.146	+/- .612E	-4 K
	COUNT RATE CORRECTION FOR LAST ELEMENT = I			5.00.	K PEAK IS	UMMED STARTING -63.50 CHANNELS HIGHER.							

8063 → BUR-510 E19 EL INGA ECUADOR, SURFACE  
GAMMA SPECTRUM-B 6071+7

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.75CHANNELS

STD NUMBER 1 2 -607151 A SAMPLE WEIGHT = -0. G DEAD TIME = 1.14 0/0 EOB = 0. MJD  
IRRADIATION TIME = . MIN DECAY TIME = 139651.00 DAYS COUNT TIME = 79.991 MIN C/SEC BEG. = 0 C/SEC END = 0  
START TIME = 139651.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BE AN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS COUNTS	BKGD COUNTS	APPR PEAK	EAL X	I	FLUX(N/MIN-CM2)	CPM	ELEMENT	ELEMENT		
	COUNTS	EL	MULT	COUNTS	EL	MULT	EOB	ABUNDANCE							
INCOH					823102	197244	385	388	3.195 +/- .011E	5	609147.0	.002 +/- 3.859E	3		
COH					197177	81591*0412	415	415	2.010 +/- .016E	3	1897.5	.944 +/- .010E	-0		
FE					12335	2285*0105	104	104	3.443 +/- .038E	4	165.0	4.792 +/- .082E	-3	FE	
CR					1317	1332*9784	85	85	1.687 +/- .019E	4	-2	-1.460 +/- 4.869E	-5	CR	
MN	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF 12 FE .00120	0	CR .11000		1908	1614*9874	94	94	2.231 +/- .024E	4	4.6	2.075 +/- .491E	-4	MN	
TI	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF				5.15.	MN PEAK IS	1871	1645*9604	67	3.098 +/- .034E	3	3.7	1.197 +/- .464E	-3	TI
CA	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF				5.15.	TI PEAK IS	2316	1923*9434	50	1.119 +/- .012E	3	6.5	5.766 +/- .957E	-3	CA
V	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF				5.15.	CA PEAK IS	1337	1326*9704	77	7.574 +/- .083E	3	.2	.238 +/- 1.071E	-4	V
ZN	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF				5.15.	ZN PEAK IS	2406	2035*0394	148	1.377 +/- .015E	5	6.1	4.423 +/- 1.342E	-5	ZN
CU	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF				5.15.	ZN PEAK IS	1963	1746*0284	137	9.984 +/- .110E	4	3.6	3.568 +/- 1.639E	-5	CU
PB	PEAK IS AT CHANNEL 417.45 WITH HALFWIDTH OF				9.27.	PB PEAK IS	3521	6650*890	231	6.885 +/- .076E	4	-51.4	-7.460 +/- .485E	-4	PB
RB	PEAK IS AT CHANNEL 417.45 WITH HALFWIDTH OF				9.27.	PB PEAK IS	11631	3812*8210	242	9.538 +/- .180E	5	126.4	1.325 +/- .039E	-4	RB
SR	PEAK IS AT CHANNEL 417.45 WITH HALFWIDTH OF				9.27.	RB PEAK IS				UMMED STARTING *79.00 CHANNELS HIGHER.					
Y	1290 RB .16500	0	0.		9.27.	SR PEAK IS	11106	2453*8340	256	1.387 +/- .015E	6	139.9	1.009 +/- .020E	-4	SR
ZR	PEAK IS AT CHANNEL 417.45 WITH HALFWIDTH OF				9.27.	SR PEAK IS	1428	1428 SR .16500	0	UMMED STARTING *66.00 CHANNELS HIGHER.					
NB	PEAK IS AT CHANNEL 417.45 WITH HALFWIDTH OF				9.27.	ZR PEAK IS	16637	3579*8660	290	2.329 +/- .026E	6	188.4	8.090 +/- .156E	-5	ZR
MD	1849 ZR .15900	0	0.		9.27.	ZR PEAK IS	5688	3434*8844	307	3.261 +/- .037E	6	31.5	9.648 +/- .700E	-6	NB
NI	PEAK IS AT CHANNEL 417.45 WITH HALFWIDTH OF				9.27.	NB PEAK IS	9618	8246*9050	328	4.659 +/- .053E	6	-7.8	-1.671 +/- .878E	-6	MD
K	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF				9.27.	NB PEAK IS	834	720*0200	126	4.644 +/- .051E	4	1.9	4.030 +/- 2.155E	-5	NI
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				5.15.	NI PEAK IS				UMMED STARTING 20.00 CHANNELS HIGHER.					
					2838	2327*9365	43	3.443 +/- .038E	4	8.4	2.437 +/- .543E	-4	K		
					5.15.	K PEAK IS				UMMED STARTING -63.50 CHANNELS HIGHER.					

8063 A BUR-511 E10 EL INGA ECUADOR, SURFACE  
GAMMA SPECTRUM-B 6071+8

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.90CHANNELS  
STD NUMBER 1 2 -607151 A SAMPLE WEIGHT = -.0. G DEAD TIME = .96 O/O EOB = 0. MJD  
IRRADIATION TIME = 0. MIN DECAY TIME = 65678.50 DAYS COUNT TIME = 79.992 MIN C/SEC BEG. = 0 C/SEC END = 0  
START TIME = 65678.50 MJD PILL THICKNESS = -.0. MILS SPECTRUM BE AN 9/12/2038 PST

8063 ↑ BUR-512 E11 EL INGA ECUADOR, SURFACE  
GAMMA SPECTRUM-B 6071+9

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.62CHANNELS  
 STD NUMBER 1 2 -607151 A SAMPLE WEIGHT = -0. G DEAD TIME = 1.28 O/O EOB = 0. MJD  
 IRRADIATION TIME = . MIN DECAY TIME = 171712.00 DAYS COUNT TIME = 79.992 MIN C/SEC BEG. = 0 C/SEC END = 0  
 START TIME = 171712.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BE AN 0/ 0/ 0 PST

8063 : BUR-513 EII2 EL INGA ECUADOR, SURFACE  
GAMMA SPECTRUM-B 607150

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.65 CHANNELS  
STD NUMBER 1 2 -607151 A SAMPLE WEIGHT = -0. G DEAD TIME = 1.27 0/0 EOB = 0. MJD  
IRRADIATION TIME = 0. MIN DECAY TIME = 160539.50 DAYS COUNT TIME = 79.992 MIN C/SEC BEG. = 0 C/SEC END = 0  
START TIME = 160539.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BE AN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS COUNTS	BKGD COUNTS	APPR PEAK	EAL PEAK	I X	FLUX(N/MIN-CM2)	CPM	ELEMENT	ELEMENT	
	COUNTS	EL MULT	COUNTS	EL MULT								EOB	ABUNDANCE	
INCOH					933012	216144	385	388	3.195 +/- .011E 5	700157.0	.002	+/- 4.652E	3	
COH					221139	92523*0412	415	2.010 +/- .016E 3	1837.0	.914	+/- .010E	-0		
FE					11256	2518*0105	104	3.443 +/- .038E 4	124.8	3.625	+/- .066E	-3	FE	
CR					1447	1482*9784	85	1.687 +/- .019E 4	-.5	-2.963	+/- 4.453E	-5	CR	
MN	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF 10 FE	.00120	0 CR	.11000	5.04.	CR PEAK IS	UMMED	STARTING -21.60 CHANNELS HIGHER.						
TI	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF				2132	1756*9874	94	2.231 +/- .024E 4	5.2	2.340	+/- .449E	-4	MN	
CA	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF				5.04.	MN PEAK IS	UMMED	STARTING -12.60 CHANNELS HIGHER.						
V	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF				2116	1931*9604	67	3.098 +/- .034E 3	2.6	8.528	+/- 4.369E	-4	TI	
ZN	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF				5.04.	TI PEAK IS	UMMED	STARTING -39.60 CHANNELS HIGHER.						
CU	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF				2586	2175*9434	50	1.119 +/- .012E 3	5.9	5.247	+/- .882E	-3	CA	
PB	PEAK IS AT CHANNEL 417.51 WITH HALFWIDTH OF				5.04.	CA PEAK IS	UMMED	STARTING -56.60 CHANNELS HIGHER.						
RB	PEAK IS AT CHANNEL 417.51 WITH HALFWIDTH OF				1599	1514*9704	77	7.574 +/- .083E 3	1.2	1.603	+/- 1.009E	-4	V	
SR	PEAK IS AT CHANNEL 417.51 WITH HALFWIDTH OF				5.04.	V PEAK IS	UMMED	STARTING -29.60 CHANNELS HIGHER.						
Y	PEAK IS AT CHANNEL 417.51 WITH HALFWIDTH OF				2596	2440*0394	148	1.377 +/- .015E 5	2.2	1.618	+/- 1.265E	-5	ZN	
ZR	1682 RB .16500	0	0.		5.04.	ZN PEAK IS	UMMED	STARTING 39.40 CHANNELS HIGHER.						
NB	PEAK IS AT CHANNEL 417.51 WITH HALFWIDTH OF				2146	2281*0284	137	9.984 +/- .110E 4	-1.9	-1.931	+/- 1.599E	-5	CU	
MO	1217 SR .16500	0	PB .05500		5.04.	CU PEAK IS	UMMED	STARTING 28.40 CHANNELS HIGHER.						
NI	PEAK IS AT CHANNEL 417.51 WITH HALFWIDTH OF				4080	8036*8090	232	6.885 +/- .076E 4	-56.5	-8.206	+/- .465E	-4	PB	
K	339 Y .15200	0	0.		9.04.	PB PEAK IS	UMMED	STARTING *91.00 CHANNELS HIGHER.						
	PEAK IS AT CHANNEL 417.51 WITH HALFWIDTH OF				14449	4253*8210	243	9.538 +/- .180E 5	144.6	1.516	+/- .040E	-4	RB	
	1635 ZR .15900	0	0.		9.04.	RB PEAK IS	UMMED	STARTING *79.00 CHANNELS HIGHER.						
	PEAK IS AT CHANNEL 417.51 WITH HALFWIDTH OF				10026	2651*8340	257	1.387 +/- .015E 6	104.6	7.545	+/- .160E	-5	SR	
	1682 RB .16500	0	0.		9.04.	SR PEAK IS	UMMED	STARTING *66.00 CHANNELS HIGHER.						
	PEAK IS AT CHANNEL 417.51 WITH HALFWIDTH OF				6566	2651*8520	275	1.941 +/- .022E 6	31.7	1.632	+/- .091E	-5	Y	
	1217 SR .16500	0	PB .05500		9.04.	Y PEAK IS	UMMED	STARTING *48.00 CHANNELS HIGHER.						
	PEAK IS AT CHANNEL 417.51 WITH HALFWIDTH OF				15366	3868*8660	291	2.329 +/- .026E 6	145.9	6.265	+/- .131E	-5	ZR	
	339 Y .15200	0	0.		6311	3711*8844	307	3.261 +/- .037E 6	32.1	9.850	+/- .641E	-6	NB	
	PEAK IS AT CHANNEL 417.51 WITH HALFWIDTH OF				9.04.	NB PEAK IS	UMMED	STARTING *15.60 CHANNELS HIGHER.						
	1635 ZR .15900	0	0.		10464	9752*9050	329	4.659 +/- .053E 6	-13.1	-2.820	+/- .827E	-6	MD	
	PEAK IS AT CHANNEL 417.51 WITH HALFWIDTH OF				9.04.	MO PEAK IS	UMMED	STARTING -95.00 CHANNELS HIGHER.						
	944	1020*0200	126	4.644 +/- .051E 4	-1.1	-2.337	+/- 2.180E	-5	NI					
	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF				5.04.	NI PEAK IS	UMMED	STARTING 20.00 CHANNELS HIGHER.						
	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF				3107	2698*9365	43	3.443 +/- .038E 4	5.8	1.697	+/- .506E	-4	K	
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				5.04.	K PEAK IS	UMMED	STARTING -63.50 CHANNELS HIGHER.						

14 8063 1  
A1607 S31 C51

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INCOH		100000	385	17	-25	30	1.0	0
COH		102311	200412	9	-8	12	1.0	0
FE	FE	100640	200105	29	-16	9	1	6.3
CR	CR	100541	2099784	3	-5	5	1	30.
MN	MN	100590	2099874	39	-6	6	1	30. .0012
4	.11							
TI	TI	100451	2099604	14	-6	6	30.	090
CA	CA	100369	2099434	11	-13	6	1	30.
V	V	100495	2099704	4	-4	5	1	30.
ZN	ZN	100863	2100394	7	-6	10	30.	.
CU	CU	100805	2100284	5	-6	9	30.	.9
PB	PB	101265	1098090	8	-8	11	30.	.
RB	RB	101338	1098210	6	-8	9	0	1.49
SR	SR	101415	1098340	-37	-1	11	4	1.53
Y	Y	101493	1098520	-55	-1	11	4	130. .165
ZR	ZR	101575	1098660	-70	-1	1.07	15	4 1.17 .165
11	.055							
NB	NB	101659	1098844	-86	-1	1.4	11	4 .150. .152
MO	MO	101744	1099050	12	-9	13	150. .159	.0 115
NI	NI	100747	2100200	5	-1	4	1	30. .349
K	K	100331	2099365	17	-4	6		30.00
							X	1.0

607104	517		100.	2295.	3
8063	B	BACK	BACKGROUND		
607103	517		100.	83247.	3
8063	A	LUB-30	L-122 EL CHAYAL CONTROL		
607151	517		100.	83247.	3
8063	A	LUB-30	L-122 EL CHAYAL CONTROL		

607105	5 17		3		
8063	C	PLAST	THICK PLASTIC		
				1 2	

8063	D	BUR-470	SU21 SU-2 ABRIGO		
			161456.5		3

8063	E	BUR-471	SU22 SU-2 ABRIGO		
			88997.5		3

8063	F	BUR-472	SU23 SU-2 ABRIGO		
			116413.0		3

8063 G BUR-473 SU24 SU-2 ABRIGO  
118461.0 3  
8063 H BUR-474 SU25 SU-2 ABRIGO  
199298.5 3  
8063 I BUR-475 SU26 SUMBAY, SURFACE  
211161.5 3  
8063 J BUR-476 SU14 SUMBAY, SURFACE  
162200.5 3  
8063 K BUR-477 SU15 SU-2, ABRIGO  
204957.0 3  
8063 L BUR-478 SU16 SU-2, ABRIGO  
134226.5 3  
8063 M BUR-479 SU17 SU-2, ABRIGO  
232955. 3  
8063 N BUR-480 SU18 SU-2, ABRIGO  
123230.5 3  
8063 O BUR-481 SU19 SU-2, ABRIGO  
209699.0 3  
8063 P BUR-482 SU20 SU-2, ABRIGO  
127207.5 3  
8063 Q BUR-483 HT6 HUILTOCCO, SURFACE  
265304.0 3  
8063 R BUR-484 JC6 JACHALACA, SURFACE  
136450.5 3  
8063 S BUR-485 JC7 JACHALACA, SURFACE  
233975.0 3  
8063 T BUR-486 JC8 JACHALACA, SURFACE  
136871.0 3  
8063 U BUR-487 QK6 QUELKATA, AREQUIPA  
119434.0 3  
8063 V BUR-488 QK7 QUELKATA, AREQUIPA  
185799.0 3  
8063 W BUR-489 QK8 QUELKATA, AREQUIPA  
206539.0 3  
8063 X BUR-490 QK9 QUELKATA, AREQUIPA  
201006.5 3  
8063 Y BUR-490 QK21 QUELKATA, AREQUIPA  
127647.5 3  
8063 Z BUR-491 QK10 QUELKATA, AREQUIPA  
45747.5 3  
8063 1 BUR-492 QK11 QUELKATA, AREQUIPA  
130669.0 3

8063 2 BUR-493 QKL 2 QUELKATA, AREQUIPA 3  
241468.5

8063 3 BUR-494 QKL 3 QUELKATA, AREQUIPA 3  
177329.0

8063 4 BUR-495 QKL 4 QUELKATA, AREQUIPA 3  
221406.5

8063 5 BUR-496 QKL 5 QUELKATA, AREQUIPA 3  
246179.5

8063 6 BUR-497 QKL 6 QUELKATA, AREQUIPA 3  
1+0920.0

8063 7 BUR-498 QKL 7 QUELKATA, AREQUIPA 3  
190540.0

8063 8 BUR-499 QKL 8 QUELKATA, AREQUIPA 3  
67227.0

8063 9 BUR-500 QKL 9 QUELKATA, AREQUIPA 3  
96129.0

8063 + BUR-501 QK20 QUELKATA, AREQUIPA 3  
192128.0

8063 - BUR-502 GUL 3 GUANGALA, ECUADOR, 06SE-46U LEVELS 7/8  
296578.0

8063 \* BUR-503 GUL 4 GUANGALA, ECUADOR, 06SE-46U LEVELS 7/8  
163171.5

8063 / BUR-504 GUL 5 GUANGALA, ECUADOR, 06SE-46U LEVELS 7/8  
71839.5

8063 ( BUR-505 GUL 6 GUANGALA, ECUADOR, 06SE-46U LEVELS 7/8  
144089.0

8063 \$ BUR-506 GUL 7 GUANGALA, ECUADOR, 06SE-46U LEVELS 7/8  
108972.0

8063 . BUR-507 GUL 8 GUANGALA, ECUADOR, 06SE-46U LEVELS 7/8  
105191.0

8063 ] BUR-508 EI7 EL INGA ECUADOR, SURFACE 3  
219800.5

8063 # BUR-509 EI8 EL INGA ECUADOR, SURFACE 3  
117909.0

8063 \* BUR-510 EI9 EL INGA ECUADOR, SURFACE 3  
139651.0

8063 ^ BUR-511 EI10 EL INGA ECUADOR, SURFACE 3  
65678.5

8063 + BUR-512 EI11 EL INGA ECUADOR, SURFACE 3  
171712.0

8063 ; BUR-513 EI12 EL INGA ECUADOR, SURFACE 3  
160539.5