

DATE 21 JUN 78
BOMB 8062
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 STD'S .GT. 5.0
C = LCNG STD - SC FLUX DIFF BETWEEN STD'S .GT. 5.0
C = 80 MIN STD - TA FLUX DIFF BETWEEN STD'S .GT. 5.0

TAGWORD	PILL	ERROR	HALFWIDTH
606348	B	H	6.65
606347	A	H	7.88
606349	C	H	8.21
606350	D	H	7.63
606351	E	H	7.70
606352	F	H	7.58
606353	G	H	7.57
606354	H	H	7.69
606355	I	H	7.54
606356	J	H	7.53
606357	K	H	7.64
606358	L	H	7.64
606359	M	H	7.59
606360	N	H	7.52
606361	O	H	7.64
606362	P	H	7.65
606363	Q	H	7.52
606364	R	H	7.48
606365	S	H	7.63
606366	T	H	7.55
606367	U	H	7.38
606368	V	H	7.72
606369	W	H	7.71
606370	X	H	7.87
606371	Y	H	7.61
606372	Z	H	7.65
606373	1	H	7.55
606374	2	H	7.77
606375	3	H	7.90
606376	4	H	7.45
606377	5	H	7.32
606378	6	H	7.51
606379	7	H	7.69
606380	8	H +	7.45
606381	9	H	7.56
606382	+	H	7.62
606383	-	H	7.66
606384	*	H	7.64
606385	/	H	7.58

606386	(H	7.47
606387	\$	H	7.47
606388	.	H	7.47
606389]	H	7.57
606390	#	H	7.62
606391	>	H	7.50
606392	^	H	7.45
606393	↑	H	7.44
606394	:	H	7.52

8062 B BACK BACKGROUND
GAMMA SPECTRUM-B 606348

WEIGHT OF STD = 100.00000 MG EOB = 0. MJD IRRADIATION TIME = 0. MIN DECAY TIME = 2286.00 DAYS
COUNT TIME = 79.998 MIN C/SEC BEG. = 0 C/SEC END = 0 START TIME = 2285.00 MJD

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 6.65 CHANNELS

STANDARD HALF LIFE	GAMMA ENERGY	ELEMENT FRACTION	GROSS COUNTS	BKGD COUNTS	BKGD OPT.	BKGD MULT.	APPR PEAK	REAL PEAK CH	N SP	I APPROX	CPM	ISOTOPE ABUND.	CALCULATED FLUX
DAYS	KEV	OF STANDARD					CHAN	CHAN	CHAN	BKGD		O/O	
1 INCOH	-0.	*0000 1.000 +/-0.	E 0	18793	3092	-25-0.	385	388	30 -0	17	1570	1.0 -0.	1.570 +/- .026E 4
1 COH	-0.	*2311 1.000 +/-0.	E 0	2072	1055	-8-0.	*0412	415	12 -0	9	647.7	-0.	6.477 +/- .595E 2
1 FE	-0.	*0640 6.300 +/-0.	E -3	158	126	-16-0.	*0105	102	9 1	29	20.4	-0.	3.235 +/- 1.956E 3
1 CR	-0.	*0541 30.000 +/- .490E -0		76	74	-5-0.	*9784	82	5 1	3	1.3	-0.	4.246 +/- 25.354E -2
													FE PEAK IS AT CHANNEL 102.02 WITH HALFWIDTH OF .78. 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		95	91	-6-0.	*9874	92	6 1	39	2.4	-0.	7.943 +/- -33.030E -2
													FE PEAK IS AT CHANNEL 102.02 WITH HALFWIDTH OF .78. MN PEAK IS INTEGRATED BEGINNING EXACTLY -12.60 CHANNELS HIGHER.
1 TI	-0.	*0451 30.000 +/- .090E -0		90	85	-6-0.	*9604	65	6 -0	14	3.2	-0.	.106 +/- .421E -0
													FE PEAK IS AT CHANNEL 102.02 WITH HALFWIDTH OF .78. TI PEAK IS INTEGRATED BEGINNING EXACTLY -39.60 CHANNELS HIGHER.
1 CA	-0.	*0369 30.000 +/- .032E -0		128	141	-13-0.	*9434	48	6 1	11	-8.3	-0.	-.276 +/- -.346E -0
													FE PEAK IS AT CHANNEL 102.02 WITH HALFWIDTH OF .78. CA PEAK IS INTEGRATED BEGINNING EXACTLY -56.60 CHANNELS HIGHER.
1 V	-0.	*0495 30.000 +/- .220E -0		88	72	-4-0.	*9704	74	5 1	4	10.2	-0.	.340 +/- .258E -0
													FE PEAK IS AT CHANNEL 102.02 WITH HALFWIDTH OF .78. V PEAK IS INTEGRATED BEGINNING EXACTLY -29.60 CHANNELS HIGHER.
1 ZN	-0.	*0863 30.000 +/- 4.000E -0		94	80	-6-0.	*0394	146	10 -0	7	8.9	-0.	.297 +/- .473E -0
													FE PEAK IS AT CHANNEL 102.02 WITH HALFWIDTH OF .78. ZN PEAK IS INTEGRATED BEGINNING EXACTLY 39.40 CHANNELS HIGHER.
1 CU	-0.	*0805 30.000 +/- 2.900E -0		95	88	-6-0.	*0284	134	9 -0	5	4.5	-0.	.149 +/- .469E -0
													FE PEAK IS AT CHANNEL 102.02 WITH HALFWIDTH OF .78. CU PEAK IS INTEGRATED BEGINNING EXACTLY 28.40 CHANNELS HIGHER.
1 PB	-0.	*1265 30.000 +/- 2.000E -0		66	72	-8-0.	*8090	231	11 -0	8	-3.8	-0.	-.127 +/- -.455E -0
													PEAK IS AT CHANNEL 417.31 WITH HALFWIDTH OF 8.25. PB PEAK IS INTEGRATED BEGINNING EXACTLY *91.00 CHANNELS HIGHER.
1 RB	-0.	*1338 1.490 +/-0.	E -4	48	35	-8-0.	*8210	242	9 0	6	8.3	-0.	5.557 +/- 6.072E 4
													PEAK IS AT CHANNEL 417.31 WITH HALFWIDTH OF 8.25. RB PEAK IS INTEGRATED BEGINNING EXACTLY *79.00 CHANNELS HIGHER.
1 SR	-0.	*1415 1.530 +/-0.	E -4	49	60	-1-0.	*8340	256	11 4	-37	-7.0	-0.	-4.579 +/- -6.090E 4
													PEAK IS AT CHANNEL 417.31 WITH HALFWIDTH OF 8.25. SR PEAK IS INTEGRATED BEGINNING EXACTLY *66.00 CHANNELS HIGHER.
													COUNTS REMOVED FROM NEXT PEAK = 2 RB, (.16500),
1 Y	-0.	*1493130.000 +/- 1.400E -0		58	60	-1-0.	*8520	274	11 4	-55	-2.6	-0.	-2.031 +/- -7.353E -2
													PEAK IS AT CHANNEL 417.31 WITH HALFWIDTH OF 8.25. Y PEAK IS INTEGRATED BEGINNING EXACTLY *48.00 CHANNELS HIGHER.
													COUNTS REMOVED FROM NEXT PEAK = 0 SR, (.16500), 0 PB, (.05500),
1 ZR	-0.	*1575 1.170 +/-0.	E -4	68	83	-1 1.070*8660	290	15 4	-70	-9.6	-0.	-8.167 +/- *0.927E 4	
													PEAK IS AT CHANNEL 417.31 WITH HALFWIDTH OF 8.25. 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		67	80	-1 1.400*8844	307	11 4	-86	-8.3	-0.	-5.520 +/- -8.214E -2	
													PEAK IS AT CHANNEL 417.31 WITH HALFWIDTH OF 8.25. 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		112	171	-9-0.	*9050	328	13 -0	12	-37.6	-0.	-.251 +/- -.148E -0
													PEAK IS AT CHANNEL 417.31 WITH HALFWIDTH OF 8.25. MO PEAK IS INTEGRATED BEGINNING EXACTLY -95.00 CHANNELS HIGHER.
1 NI	-0.	*0747 30.000 +/- 1.349E -0		50	52	-1-0.	*0200	124	4 1	5	-1.3	-0.	-4.246 +/- *4.101E -2
													FE PEAK IS AT CHANNEL 102.02 WITH HALFWIDTH OF .78. NI PEAK IS INTEGRATED BEGINNING EXACTLY 20.00 CHANNELS HIGHER.
1 K	-0.	*0331 30.000 +/- 1.000E -0		134	159	-4-0.	*9365	41	6 -0	17	-15.9	-0.	-.531 +/- -.615E -0
													FE PEAK IS AT CHANNEL 102.02 WITH HALFWIDTH OF .78. K PEAK IS INTEGRATED BEGINNING EXACTLY -63.50 CHANNELS HIGHER.

8062 B BACK BACKGROUND
GAMMA SPECTRUM-B 606348

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 6.65 CHANNELS

STD NUMBER 1 -606348 B SAMPLE WEIGHT = 100.00000 MG DEAD TIME = .01 D/D EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 2286.00 DAYS COUNT TIME = 79.998 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 2286.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

NUCLIDE	HALF LIFE	GAMMA ENERGY	GAMMA INTENS.	COUNTS	CROSS SECTION	GROSS COUNTS	BKGD APPR PEAK	REAL PEAK	FLUX(N/MIN-CM2)	CPM	MULT	ELEMENT		ELEMENT	
												DECAY	CORR.	ABUNDANCE	
INCOH	-0.	*0000	-0.	-0.	-0.	18793	3092	385	388	1.570	+/- .026E	4	-0	1.00000	-.006 +/- 1.682E -9
COH	-0.	*2311	-0.	-0.	-0.	2072	1055*0412	415	6.477	+/- .595E	2*0000000.0	1.00000	-0.000	+/- 4.145E 20	
FE	-0.	*0640	-0.	-0.	-0.	158	126*0105	102	3.235	+/- 1.956E	3*0000000.0	1.00000	-0.000	+/- 2.612E 18 FE	
CR	-0.	*0541	-0.	-0.	-0.	76	74*9784	82	1.585	+/- .959E	3*0000000.0	1.00000	-0.000	+/- 3.331E 17 CR	
															FE PEAK IS AT CHANNEL 102.02 WITH HALFWIDTH OF .78. CR PEAK IS SUMMED STARTING -21.60 CHANNELS HIGHER.
															COUNTS REMOVED FROM NEXT PEAK = 0 FE, (.00120), 0 CR, (.11000),
MN	-0.	*0590	-0.	-0.	-0.	95	91*9874	92	2.096	+/- 1.258E	3*0000000.0	.00120	-0.000	+/- 4.712E 17 MN	
															FE PEAK IS AT CHANNEL 102.02 WITH HALFWIDTH OF .78. MN PEAK IS SUMMED STARTING -12.60 CHANNELS HIGHER.
TI	-0.	*0451	-0.	-0.	-0.	90	85*9604	65	2.912	+/- 1.761E	2*0000000.0	1.00000	-0.000	+/- 4.534E 18 TI	
															FE PEAK IS AT CHANNEL 102.02 WITH HALFWIDTH OF .78. TI PEAK IS SUMMED STARTING -39.60 CHANNELS HIGHER.
CA	-0.	*0369	-0.	-0.	-0.	128	141*9434	48	1.051	+/- .636E	2*0000000.0	1.00000	.000	+/- 3.265E 19 CA	
															FE PEAK IS AT CHANNEL 102.02 WITH HALFWIDTH OF .78. CA PEAK IS SUMMED STARTING -56.60 CHANNELS HIGHER.
V	-0.	*0495	-0.	-0.	-0.	88	72*9704	74	7.117	+/- 4.304E	2*0000000.0	1.00000	-0.000	+/- 5.935E 18 V	
															FE PEAK IS AT CHANNEL 102.02 WITH HALFWIDTH OF .78. V PEAK IS SUMMED STARTING -29.60 CHANNELS HIGHER.
ZN	-0.	*0863	-0.	-0.	-0.	94	80*0394	146	1.294	+/- .782E	4*0000000.0	1.00000	-0.000	+/- 2.856E 17 ZN	
															FE PEAK IS AT CHANNEL 102.02 WITH HALFWIDTH OF .78. ZN PEAK IS SUMMED STARTING 39.40 CHANNELS HIGHER.
CU	-0.	*0805	-0.	-0.	-0.	95	88*0284	134	9.382	+/- 5.673E	3*0000000.0	1.00000	-0.000	+/- 1.970E 17 CU	
															FE PEAK IS AT CHANNEL 102.02 WITH HALFWIDTH OF .78. CU PEAK IS SUMMED STARTING 28.40 CHANNELS HIGHER.
PB	-0.	*1265	-0.	-0.	-0.	66	72*8090	231	6.470	+/- 3.912E	3*0000000.0	1.00000	.000	+/- 2.448E 17 PB	
															PEAK IS AT CHANNEL 417.31 WITH HALFWIDTH OF 8.25. PB PEAK IS SUMMED STARTING *91.00 CHANNELS HIGHER.
RB	-0.	*1338	-0.	-0.	-0.	48	35*8210	242	5.557	+/- 6.072E	4*4318718.1	1.00000	-0.000	+/- 3.000E 16 RB	
															PEAK IS AT CHANNEL 417.31 WITH HALFWIDTH OF 8.25. RB PEAK IS SUMMED STARTING *79.00 CHANNELS HIGHER.
SR	-0.	*1415	-0.	-0.	-0.	49	60*8340	256	10.000	+/- .000E	-6*9893471.8	1.00000	.000	+/- 1.624E 26 SR	
															PEAK IS AT CHANNEL 417.31 WITH HALFWIDTH OF 8.25. SR PEAK IS SUMMED STARTING *66.00 CHANNELS HIGHER.
															COUNTS REMOVED FROM NEXT PEAK = 2 RB, (.16500),
Y	-0.	*1493	-0.	-0.	-0.	58	60*8520	274	10.000	+/- .000E	-6*8508521.3	.16500	.000	+/- 6.880E 25 Y	
															PEAK IS AT CHANNEL 417.31 WITH HALFWIDTH OF 8.25. Y PEAK IS SUMMED STARTING *48.00 CHANNELS HIGHER.
ZR	-0.	*1575	-0.	-0.	-0.	68	0 SR, (.16500),	0 PB, (.05500),	10.000	+/- .000E	-6*4112017.7	.16500	.000	+/- 2.801E 26 ZR	
															COUNTS REMOVED FROM NEXT PEAK = 0 SR, (.16500), 0 PB, (.05500),
NB	-0.	*1659	-0.	-0.	-0.	67	80*8844	307	10.000	+/- .000E	-6*7300687.0	.15200	.000	+/- 2.731E 26 NB	
															PEAK IS AT CHANNEL 417.31 WITH HALFWIDTH OF 8.25. NB PEAK IS SUMMED STARTING *15.60 CHANNELS HIGHER.
MO	-0.	*1744	-0.	-0.	-0.	112	171*9050	328	10.000	+/- .000E	-6*3911652.1	.15900	.000	+/- 1.395E 27 MO	
															PEAK IS AT CHANNEL 417.31 WITH HALFWIDTH OF 8.25. MO PEAK IS SUMMED STARTING -95.00 CHANNELS HIGHER.
NI	-0.	*0747	-0.	-0.	-0.	50	52*0200	124	4.364	+/- 2.639E	3*0000000.0	1.00000	.000	+/- 1.210E 17 NI	
															FE PEAK IS AT CHANNEL 102.02 WITH HALFWIDTH OF .78. NI PEAK IS SUMMED STARTING 20.00 CHANNELS HIGHER.
K	-0.	*0331	-0.	-0.	-0.	134	159*9365	41	3.235	+/- 1.956E	3*0000000.0	1.00000	.000	+/- 2.040E 18 K	
															FE PEAK IS AT CHANNEL 102.02 WITH HALFWIDTH OF .78. K PEAK IS SUMMED STARTING -63.50 CHANNELS HIGHER.
								I							COUNT RATE CORRECTION FOR LAST ELEMENT = I

8062 A LUB-30 L-122 EL CHAYAL CONTROL SAMPLE
GAMMA SPECTRUM-B 606347

WEIGHT OF STD = 100.00000 MG EOB = 0. MJD IRRADIATION TIME = 0. MIN DECAY TIME = 83202.00 DAYS
COUNT TIME = 79.989 MIN C/SEC BEG. = 0 C/SEC END = 0 START TIME = 83202.00 MJD

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.88 CHANNELS

STANDARD	HALF LIFE	GAMMA ENERGY	ELEMENT FRACTION	GROSS COUNTS	BKGD	BKGD	APPR	REAL	N	I	APPROX	CPM	ISOTOPE ABUND.	CALCULATED FLUX
					COUNTS	OPT.	MULT.	PEAK CHAN	PEAK CHAN	CH SP	BKGD CHAN	O/O		
DAYS	KEV	OF STANDARD												
1 INCOH	-0.	*0000	1.000 +/- 0.	E 0	446866	110827	-25-0.	385	388	30 -0	17	320338.0	-0.	3.203 +/- .015E 5
1 COH	-0.	*2311	1.000 +/- 0.	E 0	110327	42792	-8-0.	*0412	415	12 -0	9	2108.2	-0.	2.108 +/- .021E 3
1 FE	-0.	*0640	6.300 +/- 0.	E -3	7995	1160	-16-0.	*0105	104	9 1	29	213.4	-0.	3.387 +/- .052E 4
1 CR	-0.	*0541	30.000 +/- .490E -0		696	667	-5-0.	*9784	84	5 1	3	.9	-0.	3.018 +/- 3.740E -2
														FE PEAK IS AT CHANNEL 104.09 WITH HALFWIDTH OF 4.80. CR PEAK IS INTEGRATED BEGINNING EXACTLY -21.60 CHANNELS HIGHER.
														COUNTS REMOVED FROM NEXT PEAK = 8 FE, (.00120), 3 CR, (.11000),
1 MN	-0.	*0590	30.000 +/- .648E -0		1158	827	-6-0.	*9874	94	6 1	39	10.0	-0.	.333 +/- .052E -0
														FE PEAK IS AT CHANNEL 104.09 WITH HALFWIDTH OF 4.80. MN PEAK IS INTEGRATED BEGINNING EXACTLY -12.60 CHANNELS HIGHER.
1 TI	-0.	*0451	30.000 +/- .090E -0		981	860	-6-0.	*9604	67	5 -0	14	3.8	-0.	.126 +/- .066E -0
														FE PEAK IS AT CHANNEL 104.09 WITH HALFWIDTH OF 4.80. TI PEAK IS INTEGRATED BEGINNING EXACTLY -39.60 CHANNELS HIGHER.
1 CA	-0.	*0369	30.000 +/- .032E -0		1349	1090	-13-0.	*9434	50	5 1	11	8.1	-0.	.270 +/- .051E -0
														FE PEAK IS AT CHANNEL 104.09 WITH HALFWIDTH OF 4.80. CA PEAK IS INTEGRATED BEGINNING EXACTLY -56.60 CHANNELS HIGHER.
1 V	-0.	*0495	30.000 +/- .220E -0		700	703	-4-0.	*9704	76	5 1	4	-.1	-0.	-3.122 +/- 7.317E -3
														FE PEAK IS AT CHANNEL 104.09 WITH HALFWIDTH OF 4.80. V PEAK IS INTEGRATED BEGINNING EXACTLY -29.60 CHANNELS HIGHER.
1 ZN	-0.	*0863	30.000 +/- 4.000E -0		1274	1039	-6-0.	*0394	148	10 -0	7	7.3	-0.	.245 +/- .084E -0
														FE PEAK IS AT CHANNEL 104.09 WITH HALFWIDTH OF 4.80. ZN PEAK IS INTEGRATED BEGINNING EXACTLY 39.40 CHANNELS HIGHER.
1 CU	-0.	*0805	30.000 +/- 2.900E -0		1008	975	-6-0.	*0284	136	9 -0	5	1.0	-0.	3.434 +/- 7.694E -2
														FE PEAK IS AT CHANNEL 104.09 WITH HALFWIDTH OF 4.80. CU PEAK IS INTEGRATED BEGINNING EXACTLY 28.40 CHANNELS HIGHER.
1 PB	-0.	*1265	30.000 +/- 2.000E -0		1760	3542	-8-0.	*8090	231	11 -0	8	-55.6	-0.	-1.854 +/- -.152E 0
														PEAK IS AT CHANNEL 416.98 WITH HALFWIDTH OF 9.05. PB PEAK IS INTEGRATED BEGINNING EXACTLY *91.00 CHANNELS HIGHER.
1 RB	-0.	*1338	1.490 +/- 0.	E -4	6776	2030	-8-0.	*8210	242	9 0	6	133.8	-0.	8.980 +/- .246E 5
														PEAK IS AT CHANNEL 416.98 WITH HALFWIDTH OF 9.05. RB PEAK IS INTEGRATED BEGINNING EXACTLY *79.00 CHANNELS HIGHER.
1 SR	-0.	*1415	1.530 +/- 0.	E -4	8368	1196	-1-0.	*8340	256	11 4	-37	203.8	-0.	1.332 +/- .021E 6
														PEAK IS AT CHANNEL 416.98 WITH HALFWIDTH OF 9.05. SR PEAK IS INTEGRATED BEGINNING EXACTLY *66.00 CHANNELS HIGHER.
														COUNTS REMOVED FROM NEXT PEAK = 783 RB, (.16500),
1 Y	-0.	*1493130.000 +/- 1.400E -0			3834	1196	-1-0.	*8520	274	11 4	-55	53.2	-0.	.410 +/- .019E -0
														PEAK IS AT CHANNEL 416.98 WITH HALFWIDTH OF 9.05. Y PEAK IS INTEGRATED BEGINNING EXACTLY *48.00 CHANNELS HIGHER.
														COUNTS REMOVED FROM NEXT PEAK = 1183 SR, (.16500), 0 PB, (.05500),
1 ZR	-0.	*1575	1.170 +/- 0.	E -4	12281	1745	-1 1.070*8660	290	15	4 -70	272.2	-0.	2.327 +/- .036E 6	
														PEAK IS AT CHANNEL 416.98 WITH HALFWIDTH OF 9.05. ZR PEAK IS INTEGRATED BEGINNING EXACTLY *34.00 CHANNELS HIGHER.
														COUNTS REMOVED FROM NEXT PEAK = 282 Y, (.15200),
1 NB	-0.	*1659150.000 +/- 1.400E -0			2817	1674	-1 1.400*8844	306	11 4	-86	25.5	-0.	.170 +/- .019E -0	
														PEAK IS AT CHANNEL 416.98 WITH HALFWIDTH OF 9.05. NB PEAK IS INTEGRATED BEGINNING EXACTLY *15.60 CHANNELS HIGHER.
														COUNTS REMOVED FROM NEXT PEAK = 1487 ZR, (.15900),
1 MO	-0.	*1744150.000 +/- 2.000E -0			5316	4175	-9-0.	*9050	328	13 -0	12	-10.5	-0.	-7.007 +/- -3.614E -2
														PEAK IS AT CHANNEL 416.98 WITH HALFWIDTH OF 9.05. MO PEAK IS INTEGRATED BEGINNING EXACTLY -95.00 CHANNELS HIGHER.
1 NI	-0.	*0747	30.000 +/- 1.349E -0		415	392	-1-0.	*0200	126	4 1	5	.7	-0.	2.393 +/- 4.634E -2
														FE PEAK IS AT CHANNEL 104.09 WITH HALFWIDTH OF 4.80. NI PEAK IS INTEGRATED BEGINNING EXACTLY 20.00 CHANNELS HIGHER.
1 K	-0.	*0331	30.000 +/- 1.000E -0		1543	1251	-4-0.	*9365	43	6 -0	17	9.1	-0.	.304 +/- .087E -0
														FE PEAK IS AT CHANNEL 104.09 WITH HALFWIDTH OF 4.80. K PEAK IS INTEGRATED BEGINNING EXACTLY -63.50 CHANNELS HIGHER.

8062 A LUB-30 L-122 EL CHAYAL CONTROL SAMPLE
GAMMA SPECTRUM-B 606347

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.88 CHANNELS
STD NUMBER 1 -606347 A SAMPLE WEIGHT = 100.00000 MG DEAD TIME = .47 D/D EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 83202.00 DAYS COUNT TIME = 79.989 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 83202.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 9/3/2086 PST

NUCLIDE	HALF LIFE	GAMMA ENERGY	COUNT INTENS.	CROSS SECT.	GROSS COUNTS	BKGD COUNTS	APPR PEAK	REAL PEAK	FLUX(N/MIN-CM2)	CPM	MULT	ELEMENT	ELEMENT
	DAYS	KEV	D/D	D/D	BARNs	CHAN	CHAN	CHAN		DECAY CORRR.		ABUNDANCE	
INCOH	-0.	*0000	-0.	-0.	-0.	446866	110827	385	388	3.203 +/- .015E 5	320338.0	1.00000	.001 +/- 1.519E 3
COH	-0.	*2311	-0.	-0.	-0.	110327	42792*0412	415	2.108 +/- .021E 3	2108.2	1.00000	1.000 +/- .014E 0	
FE	-0.	*0640	-0.	-0.	-0.	7995	1160*0105	104	3.387 +/- .052E 4	213.4	1.00000	6.300 +/- .137E -3 FE	
CR	-0.	*0541	-0.	-0.	-0.	696	667*5784	84	1.660 +/- .025E 4	.9	1.00000	5.455 +/- 6.761E -5 CR	
													FE PEAK IS AT CHANNEL 104.09 WITH HALFWIDTH OF 4.80. CR PEAK IS SUMMED STARTING -21.60 CHANNELS HIGHER.
													COUNTS REMOVED FROM NEXT PEAK = 8 FE, (.00120), 3 CR, (.11000),
MN	-0.	*0590	-0.	-0.	-0.	1158	827*9874	94	2.195 +/- .034E 4	10.0	.00120	4.546 +/- .712E -4 MN	
TI	-0.	*0451	-0.	-0.	-0.	981	860*9604	67	3.048 +/- .047E 3	3.8	1.00000	1.239 +/- .650E -3 TI	
CA	-0.	*0369	-0.	-0.	-0.	1349	1090*9434	50	1.101 +/- .017E 3	8.1	1.00000	7.345 +/- 1.403E -3 CA	
V	-0.	*0495	-0.	-0.	-0.	700	703*9704	76	7.451 +/- .114E 3	-.1	1.00000	-.126 +/- 1.503E -4 V	
ZN	-0.	*0863	-0.	-0.	-0.	1274	1039*0394	148	1.355 +/- .021E 5	7.3	1.00000	5.415 +/- 1.863E -5 ZN	
CU	-0.	*0805	-0.	-0.	-0.	1008	975*0284	136	9.822 +/- .151E 4	1.0	1.00000	1.049 +/- 2.350E -5 CU	
PB	-0.	*1265	-0.	-0.	-0.	1760	3542*8090	231	6.774 +/- .104E 4	-.55.6	1.00000	-8.213 +/- .684E -4 PB	
RB	-0.	*1338	-0.	-0.	-0.	6776	2030*8210	242	8.980 +/- .245E 5	133.8	1.00000	1.490 +/- .058E -4 RB	
SR	-0.	*1415	-0.	-0.	-0.	8368	1196*8340	256	1.332 +/- .021E 6	203.8	1.00000	1.530 +/- .034E -4 SR	
													PEAK IS AT CHANNEL 416.98 WITH HALFWIDTH OF 9.05. SR PEAK IS SUMMED STARTING #66.00 CHANNELS HIGHER.
Y	-0.	*1493	-0.	-0.	-0.	3834	1196*8520	274	1.865 +/- .029E 6	53.2	.16500	2.855 +/- .142E -5 Y	
													PEAK IS AT CHANNEL 416.98 WITH HALFWIDTH OF 9.05. Y PEAK IS SUMMED STARTING #48.00 CHANNELS HIGHER.
ZR	-0.	*1575	-0.	-0.	-0.	1183	SR, (.16500),	0 PB, (.05500),		272.2	.16500	1.170 +/- .026E -4 ZR	
													PEAK IS AT CHANNEL 416.98 WITH HALFWIDTH OF 9.05. ZR PEAK IS SUMMED STARTING #34.00 CHANNELS HIGHER.
NB	-0.	*1659	-0.	-0.	-0.	2817	1674*8844	306	3.257 +/- .051E 6	25.5	.15200	7.839 +/- .894E -6 NB	
													PEAK IS AT CHANNEL 416.98 WITH HALFWIDTH OF 9.05. NB PEAK IS SUMMED STARTING #15.60 CHANNELS HIGHER.
MO	-0.	*1744	-0.	-0.	-0.	5316	4175*9050	328	4.653 +/- .073E 6	-10.5	.15900	-2.259 +/- 1.175E -6 MO	
													PEAK IS AT CHANNEL 416.98 WITH HALFWIDTH OF 9.05. MO PEAK IS SUMMED STARTING -95.00 CHANNELS HIGHER.
NI	-0.	*0747	-0.	-0.	-0.	415	392*0200	126	4.569 +/- .070E 4	.7	1.00000	1.572 +/- 3.043E -5 NI	
K	-0.	*0331	-0.	-0.	-0.	1543	1251*9365	43	3.387 +/- .052E 4	9.1	1.00000	2.691 +/- .772E -4 K	
													FE PEAK IS AT CHANNEL 104.09 WITH HALFWIDTH OF 4.80. K PEAK IS SUMMED STARTING -63.50 CHANNELS HIGHER.
								I					COUNT RATE CORRECTION FOR LAST ELEMENT = I

8062 C PLAST THICK PLASTIC
GAMMA SPECTRUM-B 606349

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 8.21CHANNELS
 STD NUMBER 1 -606347 A SAMPLE WEIGHT = -.0. MG DEAD TIME = .32 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. 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 BEGAN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS	BKGD	APPR	REAL	I	FLUX(N/MIN-CM2)	CPM	ELEMENT	ELEMENT	
	COUNTS	EL	MULT	COUNTS	EL	MULT	COUNTS	COUNTS	PEAK	PEAK	X	EOB	ABUNDANCE	
INCOH				387992	68641	385	388		3.203	+/- .015E	5	303650.0	.001 +/- 1.174E	3
COH				37419	21472*0412	415			2.108	+/- .021E	3	525.2	.249 +/- .007E	-0
FE				739	698*0105	104			3.387	+/- .052E	4	1.4	3.987 +/- 4.219E	-5 FE
CR				367	402*9784	85			1.660	+/- .025E	4	-1.2	-6.946 +/- 5.329E	-5 CR
MN	FE PEAK IS AT CHANNEL 104.18 WITH HALFWIDTH OF 0 FE	.00120		1.07.	CR PEAK IS SUMMED STARTING -21.60 CHANNELS HIGHER.									
TI	FE PEAK IS AT CHANNEL 104.18 WITH HALFWIDTH OF 0 CR	.11000		449	465*9874	94			2.195	+/- .034E	4	-5	-2.408 +/- 5.134E	-5 MN
CA	FE PEAK IS AT CHANNEL 104.18 WITH HALFWIDTH OF 1.07.	MN PEAK IS SUMMED STARTING -12.60 CHANNELS HIGHER.		500	518*9604	67			3.048	+/- .047E	3	-6	-1.945 +/- 5.227E	-4 TI
V	FE PEAK IS AT CHANNEL 104.18 WITH HALFWIDTH OF 1.07.	TI PEAK IS SUMMED STARTING -39.60 CHANNELS HIGHER.		633	610*9434	50			1.101	+/- .017E	3	.8	.688 +/- 1.053E	-3 CA
ZN	FE PEAK IS AT CHANNEL 104.18 WITH HALFWIDTH OF 1.07.	CA PEAK IS SUMMED STARTING -56.60 CHANNELS HIGHER.		430	446*9704	77			7.451	+/- .114E	3	-5	-7.07 +/- 1.251E	-4 V
CU	FE PEAK IS AT CHANNEL 104.18 WITH HALFWIDTH OF 1.07.	V PEAK IS SUMMED STARTING -29.60 CHANNELS HIGHER.		696	535*0394	148			1.355	+/- .021E	5	5.3	3.914 +/- 1.417E	-5 ZN
PB	FE PEAK IS AT CHANNEL 104.18 WITH HALFWIDTH OF 1.07.	ZN PEAK IS SUMMED STARTING 39.40 CHANNELS HIGHER.		660	625*0284	137			9.822	+/- .151E	4	1.2	1.174 +/- 1.971E	-5 CU
RB	PEAK IS AT CHANNEL 416.82 WITH HALFWIDTH CF 17 RB .16500	0 0.		819	831*8090	231			6.774	+/- .104E	4	-.4	-5.583 +/- 3.568E	-5 PB
SR	PEAK IS AT CHANNEL 416.82 WITH HALFWIDTH CF 0 SR .16500	0 PB .05500		9.19.	PB PEAK IS SUMMED STARTING *91.00 CHANNELS HIGHER.				712	608*8210	242	8.980	+/- .246E	5
Y	PEAK IS AT CHANNEL 416.82 WITH HALFWIDTH CF 0 Y .15200	0 0.		9.19.	RB PEAK IS SUMMED STARTING *79.00 CHANNELS HIGHER.				746	770*8340	256	1.332	+/- .021E	6
ZR	PEAK IS AT CHANNEL 416.82 WITH HALFWIDTH CF 0 ZR .15900	0 0.		9.19.	SR PEAK IS SUMMED STARTING *66.00 CHANNELS HIGHER.				790	770*8520	274	1.865	+/- .029E	6
NB	PEAK IS AT CHANNEL 416.82 WITH HALFWIDTH CF 0 Y .15200	0 0.		9.19.	Y PEAK IS SUMMED STARTING *48.00 CHANNELS HIGHER.				1146	1095*8660	290	2.327	+/- .036E	6
MO	PEAK IS AT CHANNEL 416.82 WITH HALFWIDTH CF 0 ZR .15900	0 0.		9.19.	ZR PEAK IS SUMMED STARTING *34.00 CHANNELS HIGHER.				980	1050*8844	306	3.257	+/- .051E	6
NI	PEAK IS AT CHANNEL 416.82 WITH HALFWIDTH CF 0 NI .15900	0 0.		9.19.	NB PEAK IS SUMMED STARTING *15.60 CHANNELS HIGHER.				1860	2130*9050	328	4.653	+/- .073E	6
K	FE PEAK IS AT CHANNEL 104.18 WITH HALFWIDTH CF 0 K .15900	0 0.		9.19.	MO PEAK IS SUMMED STARTING -95.00 CHANNELS HIGHER.				294	332*0200	126	4.569	+/- .070E	4
	COUNT RATE CORRECTION FOR LAST ELEMENT = I			1.07.	NI PEAK IS SUMMED STARTING 20.00 CHANNELS HIGHER.				662	698*9365	43	3.387	+/- .052E	4
				1.07.	K PEAK IS SUMMED STARTING -63.50 CHANNELS HIGHER.							-1.2	-3.501 +/- 5.913E	-5 K

8062 D BUR-425 ISB-27 AY5-5, SURFACE
GAMMA SPECTRUM-B 606350

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.63CHANNELS
 STD NUMBER 1 -606347 A SAMPLE WEIGHT = -0. MG DEAD TIME = .62 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 169046.50 DAYS COUNT TIME = 79.992 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 169046.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

8062 E BUR-426 ISB-28 AY5-5, SURFACE
GAMMA SPECTRUM-B 606351

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.70 CHANNELS
STD NUMBER 1 -606347 A SAMPLE WEIGHT = -0. MG DEAD TIME = .75 D/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 149116.50 DAYS COUNT TIME = 79.991 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 149116.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS COUNTS	BKGD COUNTS	APPR PEAK	REAL PEAK	I X	FLUX (N/MIN-CM2)	CPM	ELEMENT	ELEMENT
	COUNTS	EL	MULT	COUNTS									
INCOH					720657	164059	385	388	3.203 +/- .015E 5	540897.0	.002	+/- 3.133E 3	
COH					177046	68161*0412	415		2.103 +/- .021E 3	2013.0	.955	+/- .012E -0	
FE					12511	1956*0105	104		3.387 +/- .052E 4	195.1	5.762	+/- .114E -3	FE
CR					1138	1197*9784	84		1.660 +/- .025E 4	-1.1	-6.573	+/- 5.220E -5	CR
MN	FE PEAK IS AT CHANNEL 104.00 WITH HALFWIDTH OF 13 FE .00120	O CR .11000			4.77.	CR PEAK IS SUMMED STARTING -21.60 CHANNELS HIGHER.							
TI	FE PEAK IS AT CHANNEL 104.00 WITH HALFWIDTH OF 13 FE .00120	O CR .11000			1603	1375*9874	94		2.195 +/- .034E 4	4.0	1.814	+/- .518E -4	MN
CA	FE PEAK IS AT CHANNEL 104.00 WITH HALFWIDTH OF 13 FE .00120	O CR .11000			4.77.	MN PEAK IS SUMMED STARTING -12.60 CHANNELS HIGHER.							
V	FE PEAK IS AT CHANNEL 104.00 WITH HALFWIDTH OF 13 FE .00120	O CR .11000			1594	1383*9604	67		3.048 +/- .047E 3	3.9	1.280	+/- .486E -3	TI
ZN	FE PEAK IS AT CHANNEL 104.00 WITH HALFWIDTH OF 13 FE .00120	O CR .11000			4.77.	TI PEAK IS SUMMED STARTING -39.60 CHANNELS HIGHER.							
CU	FE PEAK IS AT CHANNEL 104.00 WITH HALFWIDTH OF 13 FE .00120	O CR .11000			2116	1595*9434	50		1.101 +/- .017E 3	9.6	8.751	+/- 1.032E -3	CA
PB	PEAK IS AT CHANNEL 417.09 WITH HALFWIDTH OF 1400 RB .16500	O CR .11000			4.77.	CA PEAK IS SUMMED STARTING -56.60 CHANNELS HIGHER.							
RB	PEAK IS AT CHANNEL 417.09 WITH HALFWIDTH OF 1400 RB .16500	O CR .11000			1183	1223*9704	76		7.451 +/- .114E 3	-7	-0.993	+/- 1.164E -4	V
SR	PEAK IS AT CHANNEL 417.09 WITH HALFWIDTH OF 1400 RB .16500	O CR .11000			4.77.	V PEAK IS SUMMED STARTING -29.60 CHANNELS HIGHER.							
Y	PEAK IS AT CHANNEL 417.09 WITH HALFWIDTH OF 1400 RB .16500	O CR .11000			2072	1744*0394	148		1.355 +/- .021E 5	6.1	4.476	+/- 1.424E -5	ZN
ZR	PEAK IS AT CHANNEL 417.09 WITH HALFWIDTH OF 1463 SR .16500	O CR .11000			4.77.	ZN PEAK IS SUMMED STARTING 39.40 CHANNELS HIGHER.							
NB	PEAK IS AT CHANNEL 417.09 WITH HALFWIDTH OF 322 Y .15200	O CR .11000			1719	1565*0284	136		9.822 +/- .151E 4	2.8	2.899	+/- 1.766E -5	CU
MO	PEAK IS AT CHANNEL 417.09 WITH HALFWIDTH OF 1890 ZR .15900	O CR .11000			4.77.	CU PEAK IS SUMMED STARTING 28.40 CHANNELS HIGHER.							
NI	PEAK IS AT CHANNEL 417.09 WITH HALFWIDTH OF 1890 ZR .15900	O CR .11000			3155	6479*8090	231		6.774 +/- .104E 4	-61.5	-9.072	+/- .556E -4	PB
K	FE PEAK IS AT CHANNEL 104.00 WITH HALFWIDTH OF 1890 ZR .15900	O CR .11000			8.83.	PB PEAK IS SUMMED STARTING *91.00 CHANNELS HIGHER.							
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				11913	3426*8210	242		8.980 +/- .246E 5	155.2	1.728	+/- .059E -4	RB
					8.83.	RB PEAK IS SUMMED STARTING *79.00 CHANNELS HIGHER.							
					10920	2054*8340	256		1.332 +/- .021E 6	162.2	1.218	+/- .026E -4	SR
					8.83.	SR PEAK IS SUMMED STARTING *66.00 CHANNELS HIGHER.							
					5573	2054*8520	274		1.865 +/- .029E 6	38.8	2.079	+/- .113E -5	Y
					8.83.	Y PEAK IS SUMMED STARTING *48.00 CHANNELS HIGHER.							
					16348	2997*8660	290		2.327 +/- .036E 6	217.7	9.358	+/- .200E -5	ZR
					8.83.	ZR PEAK IS SUMMED STARTING *34.00 CHANNELS HIGHER.							
					4757	2876*8844	306		3.257 +/- .051E 6	28.6	8.781	+/- .728E -6	NB
					8.83.	NB PEAK IS SUMMED STARTING *15.60 CHANNELS HIGHER.							
					8318	7070*9050	328		4.653 +/- .073E 6	-11.8	-2.540	+/- .921E -6	MO
					8.83.	MO PEAK IS SUMMED STARTING -95.00 CHANNELS HIGHER.							
					687	728*0200	126		4.569 +/- .070E 4	-8	-1.659	+/- 2.428E -5	NI
					4.77.	NI PEAK IS SUMMED STARTING 20.00 CHANNELS HIGHER.							
					2367	1944*9365	43		3.387 +/- .052E 4	7.8	2.309	+/- .570E -4	K
					4.77.	K PEAK IS SUMMED STARTING -63.50 CHANNELS HIGHER.							

8062 F BUR-427 ISB-29 AY5-5, SURFACE
GAMMA SPECTRUM-B 606352

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.58 CHANNELS
STD NUMBER 1 -606347 A SAMPLE WEIGHT = -0. MG DEAD TIME = .78 0/0 EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 184432.50 DAYS COUNT TIME = 79.983 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 184432.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/0/0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GRSS	BKGD	APPR	REAL	I	FLUX(N/MIN-CM2)	CPM	ELEMENT	ELEMENT
	COUNTS	EL	MULT	COUNTS									
INCOH					691370	159394	385	388	3.203	+/- .015E 5	516275.0	.002	+/- 2.945E 3
COH					176180	63781*0412	415		2.108	+/- .021E 3	2177.1	1.033	+/- .013E 0
FE					17082	2071*0105	104		3.387	+/- .052E 4	290.8	8.585	+/- .158E -3 FE
CR					1274	1268*9784	84		1.660	+/- .025E 4		.1	.700 +/-. 5.705E -5 CR
MN	FE PEAK IS AT CHANNEL 103.99 WITH HALFWIDTH OF 18 FE .00120	1 CR .11000			4.91.	CR PEAK IS SUMMED STARTING -21.60 CHANNELS HIGHER.							
TI	FE PEAK IS AT CHANNEL 103.99 WITH HALFWIDTH OF 18 FE .00120	1 CR .11000			1961	1456*9874	94		2.195	+/- .034E 4	9.4	4.292	+/- .581E -4 MN
CA	FE PEAK IS AT CHANNEL 103.99 WITH HALFWIDTH OF 18 FE .00120	1 CR .11000			4.91.	MN PEAK IS SUMMED STARTING -12.60 CHANNELS HIGHER.							
V	FE PEAK IS AT CHANNEL 103.99 WITH HALFWIDTH OF 18 FE .00120	1 CR .11000			1789	1593*9604	67		3.048	+/- .047E 3	3.8	1.245	+/- .545E -3 TI
ZN	FE PEAK IS AT CHANNEL 103.99 WITH HALFWIDTH OF 18 FE .00120	1 CR .11000			4.91.	TI PEAK IS SUMMED STARTING -39.60 CHANNELS HIGHER.							
CU	FE PEAK IS AT CHANNEL 103.99 WITH HALFWIDTH OF 18 FE .00120	1 CR .11000			2467	1788*9434	50		1.101	+/- .017E 3	13.2	1.195	+/- .116E -2 CA
PB	FE PEAK IS AT CHANNEL 103.99 WITH HALFWIDTH OF 18 FE .00120	1 CR .11000			4.91.	CA PEAK IS SUMMED STARTING -56.60 CHANNELS HIGHER.							
RB	PEAK IS AT CHANNEL 417.04 WITH HALFWIDTH OF 1235 RB .16500	0 0.			1294	1280*9704	76		7.451	+/- .114E 3	.3	.364	+/- 1.263E -4 V
SR	PEAK IS AT CHANNEL 417.04 WITH HALFWIDTH OF 1235 RB .16500	0 0.			4.91.	V PEAK IS SUMMED STARTING -29.60 CHANNELS HIGHER.							
Y	PEAK IS AT CHANNEL 417.04 WITH HALFWIDTH OF 1235 RB .16500	0 0.			2372	2012*0394	148		1.355	+/- .021E 5	7.0	5.147	+/- 1.599E -5 ZN
ZR	PEAK IS AT CHANNEL 417.04 WITH HALFWIDTH OF 2993 SR .16500	0 PB .05500			4.91.	ZN PEAK IS SUMMED STARTING 39.40 CHANNELS HIGHER.							
NB	PEAK IS AT CHANNEL 417.04 WITH HALFWIDTH OF 503 Y .15200	0 0.			1871	1675*0284	136		9.822	+/- .151E 4	3.8	3.865	+/- 1.925E -5 CU
MO	PEAK IS AT CHANNEL 417.04 WITH HALFWIDTH OF 3257 ZR .15900	0 0.			4.91.	CU PEAK IS SUMMED STARTING 28.40 CHANNELS HIGHER.							
NI	PEAK IS AT CHANNEL 417.04 WITH HALFWIDTH OF 823 820*0200	0 0.			3255	6034*8090	231		6.774	+/- .104E 4	-53.8	-7.947	+/- .560E -4 PB
K	FE PEAK IS AT CHANNEL 103.99 WITH HALFWIDTH OF 823 820*0200	0 0.			8.71.	PB PEAK IS SUMMED STARTING *91.00 CHANNELS HIGHER.							
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				10764	3280*8210	242		8.980	+/- .246E 5	144.6	1.610	+/- .057E -4 RB
					8.71.	RB PEAK IS SUMMED STARTING *79.00 CHANNELS HIGHER.							
					20381	2241*8340	256		1.332	+/- .021E 6	350.5	2.631	+/- .049E -4 SR
					8.71.	SR PEAK IS SUMMED STARTING *56.00 CHANNELS HIGHER.							
					6787	2241*8520	274		1.865	+/- .029E 6	64.0	3.431	+/- .133E -5 Y
					8.71.	Y PEAK IS SUMMED STARTING *48.00 CHANNELS HIGHER.							
					26736	3261*8660	290		2.327	+/- .036E 6	395.8	1.701	+/- .032E -4 ZR
					8.71.	ZR PEAK IS SUMMED STARTING *34.00 CHANNELS HIGHER.							
					5941	3129*8844	306		3.257	+/- .051E 6	44.6	1.370	+/- .083E -5 NB
					8.71.	NB PEAK IS SUMMED STARTING *15.60 CHANNELS HIGHER.							
					10051	6918*9050	328		4.653	+/- .073E 6	-2.4	-5.139	+/- 9.767E -7 MO
					8.71.	MO PEAK IS SUMMED STARTING -95.00 CHANNELS HIGHER.							
					823	820*0200	125		4.569	+/- .070E 4	.1	.127	+/- 2.716E -5 NI
					4.91.	NI PEAK IS SUMMED STARTING 20.00 CHANNELS HIGHER.							
					2647	2126*9365	43		3.387	+/- .052E 4	10.1	2.980	+/- .625E -4 K
					4.91.	K PEAK IS SUMMED STARTING -63.50 CHANNELS HIGHER.							

8062 G BUR-428 ISB-30 AY5-5, SURFACE
GAMMA SPECTRUM-B 606353

THE IN {23.11KEV} PEAK HAS A HALFWIDTH OF 7.57CHANNELS
STD NUMBER 1 -606347 A SAMPLE WEIGHT = -0. MG DEAD TIME = .35 J/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 55130.00 DAYS COUNT TIME = 79.992 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 55130.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 10/25/2009 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS	BKGD	APPR	REAL	I	FLUX(N/MIN-CM2)	CPM	ELEMENT	ELEMENT
	COUNTS	EL	MULT	COUNTS	EL	MULT	COUNTS	COUNTS	PEAK	PEAK	X	EOB	ABUNDANCE
INCOH				333841	74014	385	388	3.203	+/- .015E	5	244126.0	.008	+/- 9.527E 2
COH				80028	28821*0412	415	2.108	+/- .021E	3	2097.6	.995	+/- .015E -0	
FE				5567	802*0105	104	3.387	+/- .052E	4	195.2	5.763	+/- .137E -3 FE	
CR				458	464*9784	84	1.660	+/- .025E	4	-2	-1.481	+/- 7.278E -5 CR	
MN	FE PEAK IS AT CHANNEL 6 FE	104.02 WITH HALFWIDTH OF .00120		5.04.	CR PEAK IS SUMMED	STARTING -21.60 CHANNELS HIGHER.							
TI	FE PEAK IS AT CHANNEL 719	104.02 WITH HALFWIDTH OF .11000		5.04.	MN PEAK IS SUMMED	STARTING -12.60 CHANNELS HIGHER.							
CA	FE PEAK IS AT CHANNEL 917	104.02 WITH HALFWIDTH OF .00120		5.04.	TI PEAK IS SUMMED	STARTING -39.60 CHANNELS HIGHER.							
V	FE PEAK IS AT CHANNEL 483	104.02 WITH HALFWIDTH OF .00120		5.04.	CA PEAK IS SUMMED	STARTING -56.60 CHANNELS HIGHER.							
ZN	FE PEAK IS AT CHANNEL 862	104.02 WITH HALFWIDTH OF .00120		5.04.	V PEAK IS SUMMED	STARTING -29.60 CHANNELS HIGHER.							
CU	FE PEAK IS AT CHANNEL 748	104.02 WITH HALFWIDTH OF .00120		5.04.	ZN PEAK IS SUMMED	STARTING 39.40 CHANNELS HIGHER.							
PB	FE PEAK IS AT CHANNEL 1498	104.02 WITH HALFWIDTH OF .00120		5.04.	CU PEAK IS SUMMED	STARTING 28.40 CHANNELS HIGHER.							
RB	PEAK IS AT CHANNEL 6120	416.98 WITH HALFWIDTH OF .00120		8.87.	PB PEAK IS SUMMED	STARTING *91.00 CHANNELS HIGHER.							
SR	PEAK IS AT CHANNEL 5482	416.98 WITH HALFWIDTH OF .00120		8.87.	RB PEAK IS SUMMED	STARTING *79.00 CHANNELS HIGHER.							
Y	755 RB 755	416.98 WITH HALFWIDTH OF .16500	0 0.	2586	860*8520	274	1.865	+/- .029E	6	33.6	1.803	+/- .139E -5 Y	
ZR	PEAK IS AT CHANNEL 763 SR 763	416.98 WITH HALFWIDTH OF .05500	0 PB 0.05500	8.87.	SR PEAK IS SUMMED	STARTING *66.00 CHANNELS HIGHER.							
NB	PEAK IS AT CHANNEL 148 Y 148	416.98 WITH HALFWIDTH OF .15200	0 0.	8144	1255*8660	290	2.327	+/- .035E	6	219.4	9.429	+/- .236E -5 ZR	
MO	PEAK IS AT CHANNEL 974 ZR 974	416.98 WITH HALFWIDTH OF .15900	0 0.	8.87.	ZR PEAK IS SUMMED	STARTING *34.00 CHANNELS HIGHER.							
NI	PEAK IS AT CHANNEL 322	416.98 WITH HALFWIDTH OF .15200		2115	1204*8844	306	3.257	+/- .051E	6	28.5	8.734	+/- .959E -6 NB	
K	FE PEAK IS AT CHANNEL 980	416.98 WITH HALFWIDTH OF .15900		8.87.	NB PEAK IS SUMMED	STARTING *15.60 CHANNELS HIGHER.							
	COUNT RATE CORRECTION FOR LAST ELEMENT = I			4113	3298*9050	328	4.653	+/- .073E	6	-6.2	-1.334	+/- 1.341E -6 MO	
	FE PEAK IS AT CHANNEL 322	416.98 WITH HALFWIDTH OF .15900		8.87.	MO PEAK IS SUMMED	STARTING -95.00 CHANNELS HIGHER.							
				980	819*9365	43	3.387	+/- .052E	4	6.6	1.947	+/- .815E -4 K	
	FE PEAK IS AT CHANNEL 322	416.98 WITH HALFWIDTH OF .15900		5.04.	K PEAK IS SUMMED	STARTING -63.50 CHANNELS HIGHER.							

8062 H BUR-429 ISB-31 AY5-5, SURFACE
GAMMA SPECTRUM-B 606354

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.69 CHANNELS
 STD NUMBER 1 -606347 A SAMPLE WEIGHT = -0. MG DEAD TIME = .38 D/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 72910.50 DAYS COUNT TIME = 79.994 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 72910.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/ 1/2058 PST

8062 I BUR-430 ISB-32 AY5-5, SURFACE
GAMMA SPECTRUM-B 606355

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.54CHANNELS
 STD NUMBER 1 -606347 A SAMPLE WEIGHT = -0. MG DEAD TIME = .48 D/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 120077.50 DAYS COUNT TIME = 79.992 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 120077.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

8062 J BUR-431 ISB-33 AY5-5, SURFACE
GAMMA SPECTRUM-B 606356

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.53 CHANNELS
STD NUMBER 1 -606347 A SAMPLE WEIGHT = -0. MG DEAD TIME = .70 D/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 182317.00 DAYS COUNT TIME = 79.992 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 182317.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/0/0 PST

8062 K BUR-432 ISB-34 AY5-5, SURFACE
GAMMA SPECTRUM-B 606357

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.64CHANNELS
 STD NUMBER 1 -606347 A SAMPLE WEIGHT = -.0. MG DEAD TIME = .61 D/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 152677.50 DAYS COUNT TIME = 79.987 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 152677.50 MJD PILL THICKNESS = -.0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

8062 L BUR-433 ISB-35 AY5-5, SURFACE
GAMMA SPECTRUM-B 606358

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.64CHANNELS
 STD NUMBER 1 -606347 A SAMPLE WEIGHT = -0. MG DEAD TIME = .69 D/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 169725.00 DAYS COUNT TIME = 79.992 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 169725.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/0/0 PST

8062 M BUR-434 ISB-36 AY5-5, SURFACE
GAMMA SPECTRUM-B 606359

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.59CHANNELS
 STD NUMBER 1 -606347 A SAMPLE WEIGHT = -0. MG DEAD TIME = .72 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 182110.00 DAYS COUNT TIME = 79.990 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 182110.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

8062 N BUR-435 ISB-37 AY5-5, SURFACE
GAMMA SPECTRUM-B 606360

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.52CHANNELS
 STD NUMBER 1 -606347 A SAMPLE WEIGHT = -0. MG DEAD TIME = .82 J/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 214137.00 DAYS COUNT TIME = 79.990 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 214137.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

8062 D BUR-436 ISB-38 AY5-5, SURFACE
GAMMA SPECTRUM-B 606361

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.64 CHANNELS
STD NUMBER 1 -606347 A SAMPLE WEIGHT = -0. MG DEAD TIME = .52 D/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 153422.50 DAYS COUNT TIME = 79.993 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 153422.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS COUNTS	BKGD COUNTS	APPR PEAK	REAL PEAK	I X	FLUX (N/MIN-CM2)	CPM EOB	ELEMENT	ELEMENT ABUNDANCE
	COUNTS EL	MULT	COUNTS EL	MULT									
INCOH					476121	111341	385	388	3.203 +/- .015E 5	349079.0	.001 +/- 1.665E 3		
COH					121726	44485*0412	415		2.108 +/- .021E 3	2212.7	1.050 +/- .014E 0		
FE					6169	1368*0105	103		3.387 +/- .052E 4	137.5	4.061 +/- .101E -3	FE	
CR					821	800*9784	84		1.660 +/- .025E 4	.6	3.625 +/- 6.742E -5	CR	
MN	FE PEAK IS AT CHANNEL 103.97 WITH HALFWIDTH OF 6 FE	.00120	2 CR	.11000	1059	914*9874	94		2.195 +/- .034E 4	3.9	1.787 +/- .653E -4	MN	
TI	FE PEAK IS AT CHANNEL 103.97 WITH HALFWIDTH OF 1149				5.29.	MN PEAK IS SUMMED STARTING -12.60 CHANNELS HIGHER.							
CA	FE PEAK IS AT CHANNEL 103.97 WITH HALFWIDTH OF 1535				5.29.	TI PEAK IS SUMMED STARTING -39.50 CHANNELS HIGHER.							
V	FE PEAK IS AT CHANNEL 103.97 WITH HALFWIDTH OF 879				5.29.	CA PEAK IS SUMMED STARTING -56.60 CHANNELS HIGHER.							
ZN	FE PEAK IS AT CHANNEL 103.97 WITH HALFWIDTH OF 1467				5.29.	V PEAK IS SUMMED STARTING -29.60 CHANNELS HIGHER.							
CU	FE PEAK IS AT CHANNEL 103.97 WITH HALFWIDTH OF 1295				5.29.	ZN PEAK IS SUMMED STARTING 39.40 CHANNELS HIGHER.							
PB	PEAK IS AT CHANNEL 416.99 WITH HALFWIDTH OF 2229				5.29.	CU PEAK IS SUMMED STARTING 28.40 CHANNELS HIGHER.							
RB	PEAK IS AT CHANNEL 416.99 WITH HALFWIDTH OF 7508				8.70.	PB PEAK IS SUMMED STARTING *91.00 CHANNELS HIGHER.							
SR	PEAK IS AT CHANNEL 416.99 WITH HALFWIDTH OF 6992				8.70.	RB PEAK IS SUMMED STARTING *79.00 CHANNELS HIGHER.							
Y	868 RB .16500	0 0.			8.70.	SR PEAK IS SUMMED STARTING *66.00 CHANNELS HIGHER.							
ZR	PEAK IS AT CHANNEL 416.99 WITH HALFWIDTH OF 907 SR .16500	0 PB .05500			8.70.	Y PEAK IS SUMMED STARTING *48.00 CHANNELS HIGHER.							
NB	192 Y .15200	0 0.			8.70.	ZR PEAK IS SUMMED STARTING *34.00 CHANNELS HIGHER.							
MO	1180 ZR .15900	0 0.			8.70.	NB PEAK IS SUMMED STARTING *15.60 CHANNELS HIGHER.							
NI	PEAK IS AT CHANNEL 416.99 WITH HALFWIDTH OF 578				8.70.	MO PEAK IS SUMMED STARTING -95.00 CHANNELS HIGHER.							
K	FE PEAK IS AT CHANNEL 103.97 WITH HALFWIDTH OF 1589				5.29.	NI PEAK IS SUMMED STARTING 20.00 CHANNELS HIGHER.							
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				5.29.	K PEAK IS SUMMED STARTING -63.50 CHANNELS HIGHER.							

8062 P BUR-437 ISB-39 AY5-5, SURFACE
GAMMA SPECTRUM-B 606362

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.65CHANNELS
 STD NUMBER 1 -606347 A SAMPLE WEIGHT = -0. MG DEAD TIME = .58 O/C EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 134777.00 DAYS COUNT TIME = 79.985 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 134777.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

8062 Q BUR-438 ISB-40 AY5-5, SURFACE
GAMMA SPECTRUM-B 606363

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.52CHANNELS
 STD NUMBER 1 -606347 A SAMPLE WEIGHT = -0. MG DEAD TIME = .45 D/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 232765.50 DAYS COUNT TIME = 79.993 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 232765.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

8062 R BUR-439 ISB-41 AY5-5, SURFACE
GAMMA SPECTRUM-B 605364

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.48CHANNELS
 STD NUMBER 1 -606347 A SAMPLE WEIGHT = -0. MG DEAD TIME = .50 D/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 120363.50 DAYS COUNT TIME = 79.992 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 120363.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS	BKGD	APPR	REAL	I	FLUX (N/MIN-CM2)	CPM	ELEMENT	ELEMENT
	COUNTS	EL	MULT	COUNTS	EL	MULT	COUNTS	COUNTS	PEAK	PEAK	X	EOB	ABUNDANCE
INCOH				458415	107359	385	388		3.203	+/- .015E	5	335355.0	.001 +/- 1.569E
COH				117373	40872*0412	415			2.108	+/- .021E	3	2281.2	1.082 +/- .015E
FE					6938	1215*0105	104		3.387	+/- .052E	4	170.7	5.039 +/- .116E
CR						782	712*9784	84	1.660	+/- .025E	4	2.1	1.258 +/- .675E
	FE PEAK IS AT CHANNEL	104.03 WITH HALFWIDTH OF		4.75.	CR PEAK IS SUMMED STARTING	-21.60	CHANNELS HIGHER.						
MN	7 FE	.00120	8 CR	.11000	1017	841*9874	94	2.195	+/- .034E	4	4.8	2.193 +/- .659E	
	FE PEAK IS AT CHANNEL	104.03 WITH HALFWIDTH OF		4.75.	MN PEAK IS SUMMED STARTING	-12.60	CHANNELS HIGHER.						
TI	FE PEAK IS AT CHANNEL	104.03 WITH HALFWIDTH OF		4.75.	TI PEAK IS SUMMED STARTING	-39.60	CHANNELS HIGHER.						
CA	FE PEAK IS AT CHANNEL	104.03 WITH HALFWIDTH OF		4.75.	CA PEAK IS SUMMED STARTING	-56.60	CHANNELS HIGHER.						
V	FE PEAK IS AT CHANNEL	104.03 WITH HALFWIDTH OF		4.75.	V PEAK IS SUMMED STARTING	-29.60	CHANNELS HIGHER.						
ZN	FE PEAK IS AT CHANNEL	104.03 WITH HALFWIDTH OF		4.75.	ZN PEAK IS SUMMED STARTING	39.40	CHANNELS HIGHER.						
CU	FE PEAK IS AT CHANNEL	104.03 WITH HALFWIDTH OF		4.75.	CU PEAK IS SUMMED STARTING	28.40	CHANNELS HIGHER.						
PB	PEAK IS AT CHANNEL	416.86 WITH HALFWIDTH OF		8.70.	PB PEAK IS SUMMED STARTING	*91.00	CHANNELS HIGHER.						
RB	PEAK IS AT CHANNEL	416.86 WITH HALFWIDTH OF		8.70.	RB PEAK IS SUMMED STARTING	*79.00	CHANNELS HIGHER.						
SR	PEAK IS AT CHANNEL	416.86 WITH HALFWIDTH OF		8.70.	SR PEAK IS SUMMED STARTING	*66.00	CHANNELS HIGHER.						
Y	844 RB	.16500	0	0.	3372	1419*8520	274	1.869	+/- .029E	6	32.2	1.725 +/- .140E	
	PEAK IS AT CHANNEL	416.86 WITH HALFWIDTH OF		8.70.	Y PEAK IS SUMMED STARTING	*48.00	CHANNELS HIGHER.						
ZR	862 SR	.16500	0	PB .05500	10107	2070*8660	290	2.327	+/- .036E	6	208.8	8.972 +/- .225E	
NB	PEAK IS AT CHANNEL	416.86 WITH HALFWIDTH OF		8.70.	ZR PEAK IS SUMMED STARTING	*34.00	CHANNELS HIGHER.						
	169 Y	.15200	0	0.	2804	1987*8844	306	3.257	+/- .051E	6	19.0	5.823 +/- .931E	
MO	PEAK IS AT CHANNEL	416.86 WITH HALFWIDTH OF		8.70.	NB PEAK IS SUMMED STARTING	*15.60	CHANNELS HIGHER.						
	1141 ZR	.15900	0	0.	5152	4258*9050	328	4.653	+/- .073E	6	-7.3	-1.565 +/- 1.148E	
NI	PEAK IS AT CHANNEL	416.86 WITH HALFWIDTH OF		8.70.	MO PEAK IS SUMMED STARTING	-95.00	CHANNELS HIGHER.						
	FE PEAK IS AT CHANNEL	104.03 WITH HALFWIDTH OF		526	424*0200	126	4.569	+/- .070E	4	3.0	6.657 +/- 3.078E		
K	FE PEAK IS AT CHANNEL	104.03 WITH HALFWIDTH OF		4.75.	NI PEAK IS SUMMED STARTING	20.00	CHANNELS HIGHER.						
	COUNT RATE CORRECTION FOR LAST ELEMENT =	I		1505	1191*9365	43	3.387	+/- .052E	4	9.4	2.765 +/- .714E		
	FE PEAK IS AT CHANNEL	104.03 WITH HALFWIDTH OF		4.75.	K PEAK IS SUMMED STARTING	-63.50	CHANNELS HIGHER.						

8062 T BUR-441 ISB-43 AY5-5, SURFACE
GAMMA SPECTRUM-B 606366

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.55CHANNELS
 STD NUMBER 1 -606347 A SAMPLE WEIGHT = -0. MG DEAD TIME = .51 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 101823.00 DAYS COUNT TIME = 79.993 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 101823.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/0/0 PST

8062 U BUR-442 ISB-44 AY5-5, SURFACE
GAMMA SPECTRUM-B 606367

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.38CHANNELS
 STD NUMBER 1 -606347 A SAMPLE WEIGHT = -.0. MG DEAD TIME = .61 D/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 148861.50 DAYS COUNT TIME = 79.985 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 148861.50 MJD PILL THICKNESS = -.0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

8062 V BUR-443 ISB-45 AY5-5, SURFACE
GAMMA SPECTRUM-B 606368

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.72CHANNELS
STD NUMBER 1 -606347 A SAMPLE WEIGHT = -0. MG DEAD TIME = .35 D/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 61868.00 DAYS COUNT TIME = 79.994 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 61868.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 4/6/2028 PST

8062 W BUR-444 ISB-46 AY5-5, SURFACE
GAMMA SPECTRUM-B 606369

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.71CHANNELS
 STD NUMBER 1 -606347 A SAMPLE WEIGHT = -0. MG DEAD TIME = .47 D/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 87713.00 DAYS COUNT TIME = 79.986 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 87713.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 1/ 9/2099 PST

8062 X BUR-445 ISB-47 AY5-5, SURFACE
GAMMA SPECTRUM-B 606370

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.87CHANNELS
STD NUMBER 1 -606347 A SAMPLE WEIGHT = -0. MG DEAD TIME = .11 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 49459.00 DAYS COUNT TIME = 79.991 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 49459.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 4/16/1994 PST

8062 Y BUR-446 ISB-48 AY5-5, SURFACE
GAMMA SPECTRUM-B 606371

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.61CHANNELS
 STD NUMBER 1 -605347 A SAMPLE WEIGHT = -0. MG DEAD TIME = .67 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 144604.00 DAYS COUNT TIME = 79.993 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 144604.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/0/0 PST

8062 Z BUR-447 ISB-49 AY5-5, SURFACE
GAMMA SPECTRUM-B 606372

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.65 CHANNELS
STD NUMBER 1 -606347 A SAMPLE WEIGHT = -0. MG DEAD TIME = .43 0/0 EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 146633.00 DAYS COUNT TIME = 79.993 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 146633.00 MJD PILL THICKNESS = -C. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS COUNTS	BKGD COUNTS	APPR PEAK	REAL PEAK	I X	FLUX (N/MIN-CM2)	CPM	ELEMENT	ELEMENT	
	COUNTS	EL	MULT	COUNTS	EL	MJLT								
INCOH					379577	97392	385	388	3.203 +/- .015E 5	266484.0	.001	+/- 1.182E	3	
COH					100683	36500*0412	415		2.108 +/- .021E 3	2408.5	1.142	+/- .017E	0	
FE						4820	1249*0105	104	3.387 +/- .052E 4	134.0	3.957	+/- .112E	-3 FE	
CR						802	758*9784	84	1.660 +/- .025E 4		1.7	9.949	+/- 8.675E	-5 CR
MN	FE PEAK IS AT CHANNEL 103.99 WITH HALFWIDTH OF 4 FE	.00120	5 CR	.11000	958	846*9874	94		2.195 +/- .034E 4	3.9	1.759	+/- .821E	-4 MN	
TI	FE PEAK IS AT CHANNEL 103.99 WITH HALFWIDTH OF 4.48.				4.48.	MN PEAK IS SUMMED STARTING -12.60 CHANNELS HIGHER.								
CA	FE PEAK IS AT CHANNEL 103.99 WITH HALFWIDTH OF 4.48.				1012	995*9604	67		3.048 +/- .047E 3	.6	2.093	+/- 8.246E	-4 TI	
V	FE PEAK IS AT CHANNEL 103.99 WITH HALFWIDTH OF 4.48.				1251	1121*9434	50		1.101 +/- .017E 3	4.9	4.432	+/- 1.661E	-3 CA	
ZN	FE PEAK IS AT CHANNEL 103.99 WITH HALFWIDTH OF 4.48.				763	803*9704	76		7.451 +/- .114E 3	-1.5	-2.015	+/- 1.906E	-4 V	
CU	FE PEAK IS AT CHANNEL 103.99 WITH HALFWIDTH OF 4.48.				1331	1144*0394	148		1.355 +/- .021E 5	7.0	5.180	+/- 2.336E	-5 ZN	
PB	PEAK IS AT CHANNEL 416.91 WITH HALFWIDTH OF 8.84.				1162	1199*0284	136		9.822 +/- .151E 4	-1.4	-1.414	+/- 3.101E	-5 CU	
RB	PEAK IS AT CHANNEL 416.91 WITH HALFWIDTH OF 8.84.				1776	3218*8090	231		6.774 +/- .104E 4	-54.1	-7.989	+/- .784E	-4 PB	
SR	PEAK IS AT CHANNEL 416.91 WITH HALFWIDTH OF 8.84.				5826	1767*8210	242		8.980 +/- .246E 5	150.5	1.676	+/- .068E	-4 RB	
Y	670 RB .16500	0	0.		8.84.	RB PEAK IS SUMMED STARTING *79.00 CHANNELS HIGHER.								
ZR	PEAK IS AT CHANNEL 416.91 WITH HALFWIDTH OF 8.84.				5421	1287*8340	256		1.332 +/- .021E 6	153.3	1.151	+/- .033E	-4 SR	
NB	682 SR .16500	0	PB	.05500	8.84.	SR PEAK IS SUMMED STARTING *66.00 CHANNELS HIGHER.								
MO	PEAK IS AT CHANNEL 416.91 WITH HALFWIDTH OF 8.84.				2962	1287*8520	274		1.865 +/- .029E 6	37.3	2.000	+/- .168E	-5 Y	
NI	153 Y .15200	0	0.		8.84.	Y PEAK IS SUMMED STARTING *48.00 CHANNELS HIGHER.								
MO	PEAK IS AT CHANNEL 416.91 WITH HALFWIDTH OF 8.84.				8371	1878*8660	290		2.327 +/- .036E 6	215.8	9.276	+/- .254E	-5 ZR	
K	924 ZR .15900	0	0.		8.84.	ZR PEAK IS SUMMED STARTING *34.00 CHANNELS HIGHER.								
	PEAK IS AT CHANNEL 416.91 WITH HALFWIDTH OF 8.84.				2390	1802*8844	306		3.257 +/- .051E 6	16.2	4.972	+/- 1.116E	-6 NB	
	FE PEAK IS AT CHANNEL 103.99 WITH HALFWIDTH OF 4.48.				4378	3215*9050	328		4.653 +/- .073E 6	8.9	1.918	+/- 1.275E	-6 MO	
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				513	456*0200	125		4.569 +/- .070E 4	2.1	4.682	+/- 3.971E	-5 NI	
	FE PEAK IS AT CHANNEL 103.99 WITH HALFWIDTH OF 4.48.				1341	1241*9365	43		3.387 +/- .052E 4	3.8	1.108	+/- .905E	-4 K	
					4.48.	K PEAK IS SUMMED STARTING -63.50 CHANNELS HIGHER.								

8062 1 BUR-448 ISB-50 AY5-5, SURFACE
GAMMA SPECTRUM-B 606373

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.55CHANNELS
STD NUMBER 1 -606347 A SAMPLE WEIGHT = -0. MG DEAD TIME = .43 0/0 EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 94368.00 DAYS COUNT TIME = 79.992 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 94368.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

8062 2 BUR-449 ISB-51 AY5-5, SURFACE
GAMMA SPECTRUM-B 606374

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.77CHANNELS
STD NUMBER 1 -606347 A SAMPLE WEIGHT = -0. MG DEAD TIME = .49 0/0 EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 107154.00 DAYS COUNT TIME = 79.991 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 107154.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

8062 3 BUR-450 ISB-52 AY5-5, SURFACE
GAMMA SPECTRUM-B 606375

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.90CHANNELS
 STD NUMBER 1 -606347 A SAMPLE WEIGHT = -0. MG DEAD TIME = .41 D/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 70266.50 DAYS COUNT TIME = 79.991 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 70266.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 4/ 5/2051 PST

8062 4 BUR-451 ISB-53 AY5-5, SURFACE
GAMMA SPECTRUM-B 606376

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.45 CHANNELS

STD NUMBER 1 -606347 A SAMPLE WEIGHT = -0. MG DEAD TIME = .77 0/0 EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 139397.00 DAYS COUNT TIME = 79.991 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 139397.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/0/0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS	BKGD	APPR	REAL	I	FLUX (N/MIN-CM ²)	CPM	ELEMENT	ELEMENT	
	COUNTS	EL	MULT	COUNTS	EL	MULT	COUNTS	COUNTS	PEAK	PEAK	X	EOB	ABUNDANCE	
INCOH				680919	154154	385	388		3.203	+/- .015E	5	511064.0	.002 +/- 2.872E	3
COH				167474	59907*0412	415			2.108	+/- .021E	3	2104.8	.998 +/- .013E	-0
FE				13211	1741*0105	104			3.387	+/- .052E	4	224.4	6.627 +/- .127E	-3 FE
CR				1039	1064*9784	84			1.660	+/- .025E	4		-.5 -2.948 +/- 5.233E	-5 CR
MN	FE PEAK IS AT CHANNEL 103.97 WITH HALFWIDTH OF 14 FE	.00120	0 CR	.11000	1627	1232*9874	94		2.195	+/- .034E	4	7.5	3.399 +/- .535E	-4 MN
TI	FE PEAK IS AT CHANNEL 103.97 WITH HALFWIDTH OF			4.77.	MN PEAK IS SUMMED STARTING -12.60 CHANNELS HIGHER.									
CA	FE PEAK IS AT CHANNEL 103.97 WITH HALFWIDTH OF			4.77.	TI PEAK IS SUMMED STARTING -39.60 CHANNELS HIGHER.									
V	FE PEAK IS AT CHANNEL 103.97 WITH HALFWIDTH OF			4.77.	CA PEAK IS SUMMED STARTING -56.60 CHANNELS HIGHER.									
ZN	FE PEAK IS AT CHANNEL 103.97 WITH HALFWIDTH OF			4.77.	V PEAK IS SUMMED STARTING -29.60 CHANNELS HIGHER.									
CU	FE PEAK IS AT CHANNEL 103.97 WITH HALFWIDTH OF			4.77.	ZN PEAK IS SUMMED STARTING 39.40 CHANNELS HIGHER.									
PB	FE PEAK IS AT CHANNEL 103.97 WITH HALFWIDTH OF			4.77.	CU PEAK IS SUMMED STARTING 28.40 CHANNELS HIGHER.									
RB	PEAK IS AT CHANNEL 416.84 WITH HALFWIDTH OF			8.42.	PB PEAK IS SUMMED STARTING *91.00 CHANNELS HIGHER.									
SR	PEAK IS AT CHANNEL 416.84 WITH HALFWIDTH OF			8.42.	RB PEAK IS SUMMED STARTING *79.00 CHANNELS HIGHER.									
Y	PEAK IS AT CHANNEL 416.84 WITH HALFWIDTH OF			8.42.	SR PEAK IS SUMMED STARTING *66.00 CHANNELS HIGHER.									
ZR	1429 RB .16500	0	0.	5361	1927*8520	274			1.865	+/- .029E	6	38.7	2.073 +/- .115E	-5 Y
NB	PEAK IS AT CHANNEL 416.84 WITH HALFWIDTH OF			8.42.	Y PEAK IS SUMMED STARTING *48.00 CHANNELS HIGHER.									
MO	1503 SR .16500	0	.05500	16317	2812*8660	290			2.327	+/- .036E	6	231.8	9.960 +/- .211E	-5 ZR
NI	PEAK IS AT CHANNEL 416.84 WITH HALFWIDTH OF			8.42.	ZR PEAK IS SUMMED STARTING *34.00 CHANNELS HIGHER.									
K	305 Y .15200	0	0.	4508	2698*8844	306			3.257	+/- .051E	6	29.1	8.947 +/- .746E	-6 NB
MO	PEAK IS AT CHANNEL 416.84 WITH HALFWIDTH OF			8.42.	NB PEAK IS SUMMED STARTING *15.60 CHANNELS HIGHER.									
NI	1908 ZR .15900	0	0.	7995	6587*9050	328			4.653	+/- .073E	6	-9.7	-2.090 +/- .941E	-6 MO
K	PEAK IS AT CHANNEL 416.84 WITH HALFWIDTH OF			8.42.	MO PEAK IS SUMMED STARTING -95.00 CHANNELS HIGHER.									
	COUNT RATE CORRECTION FOR LAST ELEMENT = I			671	728*0200	125			4.569	+/- .070E	4	-1.1	-2.441 +/- 2.564E	-5 NI
	FE PEAK IS AT CHANNEL 103.97 WITH HALFWIDTH OF			4.77.	NI PEAK IS SUMMED STARTING 20.00 CHANNELS HIGHER.									
	FE PEAK IS AT CHANNEL 103.97 WITH HALFWIDTH OF			2509	2014*9365	43			3.387	+/- .052E	4	9.7	2.860 +/- .615E	-4 K

80625 BUR-452 ISB-54 AY5-5, SURFACE
GAMMA SPECTRUM-B 606377

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.32CHANNELS
STD NUMBER 1 -606347 A SAMPLE WEIGHT = -0. MG DEAD TIME = .71 0/0 EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 141781.50 DAYS COUNT TIME = 79.991 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 141781.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

8062 6 BUR-453 1SB-55 AY5-5, SURFACE
GAMMA SPECTRUM-B 606378

THE IN (23.1)KEV PEAK HAS A HALFWIDTH OF 7.51 CHANNELS

80627 BUR-454 ISB-56 AY5-5, SURFACE
GAMMA SPECTRUM-B 606379

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.69CHANNELS
 STD NUMBER 1 -606347 A SAMPLE WEIGHT = -0. MG DEAD TIME = .73 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 177112.00 DAYS COUNT TIME = 79.819 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 177112.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/0/0 PST

8062 8 BUR-455 ISB-57 AY5-5, SURFACE
GAMMA SPECTRUM-B 606380

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.45CHANNELS
 STD NUMBER 1 -606347 A SAMPLE WEIGHT = -0. MG DEAD TIME = .53 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 103393.00 DAYS COUNT TIME = 79.988 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 103393.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/0/0 PST

8062 9 BUR-456 ISB-58 AY5-5, SURFAC
GAMMA SPECTRUM-B 606381

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.56 CHANNELS
STD NUMBER 1 -606347 A SAMPLE WEIGHT = -0. MG DEAD TIME = .32 0/0 EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 81205.00 DAYS COUNT TIME = 79.087 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 81205.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 3/16/2081 PST

8062 + BUR-457 ISB-59 AY5-5, SURFACE
GAMMA SPECTRUM-B 606382

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.62CHANNELS
STD NUMBER 1 -606347 A SAMPLE WEIGHT = -0. MG DEAD TIME = .50 D/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 147420.50 DAYS COUNT TIME = 79.994 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 147420.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS COUNTS	BKGD COUNTS	APPR PEAK	REAL PEAK	I X	FLUX(IN/MIN-CM2)	CPM	ELEMENT	ELEMENT	
	COUNTS	EL	MULT	COUNTS	EL	MULT								
INCOH					468519	114898	385	388	3.203 +/- .015E	5	337920.0	.001 +/- 1.631E	3	
COH					123062	43172*0412	415		2.103 +/- .021E	3	2364.2	1.121 +/- .015E	0	
FE					5822	1471*0105	104		3.387 +/- .052E	4	128.8	3.802 +/- .100E	-3 FE	
CR					806	866*9784	84		1.660 +/- .025E	4	-1.8	-1.070 +/- .707E	-4 CR	
MN	FE PEAK IS AT CHANNEL 5 FE	103.82 WITH HALFWIDTH OF .00120		0 CR	.11000	1074	1021*9874	94	2.195 +/- .034E	4	1.4	6.442 +/- 6.976E	-5 MN	
TI	FE PEAK IS AT CHANNEL 103.82 WITH HALFWIDTH OF					4.93.	MN PEAK IS SUMMED STARTING -12.60 CHANNELS HIGHER.							
CA	FE PEAK IS AT CHANNEL 103.82 WITH HALFWIDTH OF					1154	1130*9604	67	3.048 +/- .047E	3	.7	2.330 +/- 6.991E	-4 TI	
V	FE PEAK IS AT CHANNEL 103.82 WITH HALFWIDTH OF					4.93.	TI PEAK IS SUMMED STARTING -39.60 CHANNELS HIGHER.							
ZN	FE PEAK IS AT CHANNEL 103.82 WITH HALFWIDTH OF					1551	1286*9434	50	1.101 +/- .017E	3	7.8	7.125 +/- 1.435E	-3 CA	
CU	FE PEAK IS AT CHANNEL 103.82 WITH HALFWIDTH OF					4.93.	CA PEAK IS SUMMED STARTING -56.60 CHANNELS HIGHER.							
PB	PEAK IS AT CHANNEL 416.75 WITH HALFWIDTH OF					898	911*9704	76	7.451 +/- .114E	3	-.4	-.516 +/- 1.617E	-4 V	
RB	PEAK IS AT CHANNEL 416.75 WITH HALFWIDTH OF					4.93.	V PEAK IS SUMMED STARTING -29.60 CHANNELS HIGHER.							
SR	PEAK IS AT CHANNEL 416.75 WITH HALFWIDTH OF					1496	1229*0394	148	1.355 +/- .021E	5	7.9	5.832 +/- 1.913E	-5 ZN	
Y	798 RB .16500	0 0.				4.93.	ZN PEAK IS SUMMED STARTING 39.40 CHANNELS HIGHER.							
ZR	PEAK IS AT CHANNEL 416.75 WITH HALFWIDTH OF					1345	1154*0284	136	9.822 +/- .151E	4	5.7	5.755 +/- 2.443E	-5 CU	
NB	837 SR .16500	0 PB .05500				4.93.	CU PEAK IS SUMMED STARTING 28.40 CHANNELS HIGHER.							
MO	PEAK IS AT CHANNEL 416.75 WITH HALFWIDTH OF					2313	3993*8090	231	6.774 +/- .104E	4	-49.7	-7.340 +/- .691E	-4 PB	
NI	207 Y .15200	0 0.				8.58.	PB PEAK IS SUMMED STARTING *91.00 CHANNELS HIGHER.							
MO	PEAK IS AT CHANNEL 416.75 WITH HALFWIDTH OF					7158	2319*8210	242	8.980 +/- .246E	5	141.5	1.576 +/- .062E	-4 RB	
K	1179 ZR .15900	0 0.				8.58.	RB PEAK IS SUMMED STARTING *79.00 CHANNELS HIGHER.							
NI	PEAK IS AT CHANNEL 416.75 WITH HALFWIDTH OF					6580	1507*8340	256	1.332 +/- .021E	6	148.4	1.114 +/- .029E	-4 SR	
K	FE PEAK IS AT CHANNEL 103.82 WITH HALFWIDTH OF					8.58.	SR PEAK IS SUMMED STARTING *66.00 CHANNELS HIGHER.							
	COUNT RATE CORRECTION FOR LAST ELEMENT = I					3668	1507*8520	274	1.855 +/- .029E	6	39.9	2.139 +/- .147E	-5 Y	
						8.58.	Y PEAK IS SUMMED STARTING *48.00 CHANNELS HIGHER.							
						10451	2199*8660	290	2.327 +/- .036E	6	217.3	9.337 +/- .232E	-5 ZR	
						8.58.	ZR PEAK IS SUMMED STARTING *34.00 CHANNELS HIGHER.							
						3067	2110*8844	306	3.257 +/- .051E	6	22.0	6.757 +/- .968E	-6 NB	
						8.58.	NB PEAK IS SUMMED STARTING *15.60 CHANNELS HIGHER.							
						5254	4134*9050	328	4.653 +/- .073E	6	-1.7	-.373 +/- 1.135E	-6 MO	
						8.58.	MO PEAK IS SUMMED STARTING -95.00 CHANNELS HIGHER.							
						582	500*0200	125	4.569 +/- .070E	4	2.4	5.311 +/- 3.292E	-5 NI	
						4.93.	NI PEAK IS SUMMED STARTING 20.00 CHANNELS HIGHER.							
						1620	1335*9365	43	3.387 +/- .052E	4	8.4	2.490 +/- .750E	-4 K	
						4.93.	K PEAK IS SUMMED STARTING -63.50 CHANNELS HIGHER.							

8062 - BUR-458 ISB-60 AY5-5, SURFACE
GAMMA SPECTRUM-B 606383

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.66CHANNELS
 STD NUMBER 1 -606347 A SAMPLE WEIGHT = -0. MG DEAD TIME = .43 D/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 117079.50 DAYS COUNT TIME = 79.993 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 117079.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

8062 * BUR-459 MV21 MARCAVALLE, 2B/8
GAMMA SPECTRUM-B 606384

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.64CHANNELS
 STD NUMBER 1 -606347 A SAMPLE WEIGHT = -.0. MG DEAD TIME = .29 D/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 149474.00 DAYS COUNT TIME = 79.996 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 149474.00 MJD PILL THICKNESS = -.0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

8062 / BUR-460 MV22 MARCAVALLE, 2B/80
 GAMMA SPECTRUM-B 606385

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.58CHANNELS
 STD NUMBER 1 -606347 A SAMPLE WEIGHT = -0. MG DEAD TIME = .60 0/0 EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 103297.00 DAYS COUNT TIME = 79.995 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 103297.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS	BKGD	APPR	REAL	I	FLUX(N/MIN-CM2)	CPM	ELEMENT	ELEMENT	
	COUNTS	EL	MULT	COUNTS	EL	MULT	COUNTS	COUNTS	PEAK	X	EOB	ABUNDANCE		
INCOH				554441	124282	385	388		3.203 +/- .015E 5	414458.0	.001	+/- 2.094E	3	
COH				134229	47377*0412	415			2.108 +/- .021E 3	2095.6	.994	+/- .013E	-0	
FE					8669	1306*0105	103		3.387 +/- .052E 4	177.7	5.245	+/- .111E	-3 FE	
CR						834	809*9784	84	1.660 +/- .025E 4		.6	3.635	+/- 5.704E	-5 CR
MN	FE PEAK IS AT CHANNEL 9 FE	103.88 WITH HALFWIDTH OF .00120			4.94.	CR PEAK IS	SUMMED	STARTING -21.60 CHANNELS HIGHER.						
TI	FE PEAK IS AT CHANNEL 103.88 WITH HALFWIDTH OF 3 CR	.11000		1504	939*9874	94			2.195 +/- .034E 4	13.4	6.084	+/- .608E	-4 MN	
CA	FE PEAK IS AT CHANNEL 103.88 WITH HALFWIDTH OF 1174			4.94.	MN PEAK IS	SUMMED	STARTING -12.60 CHANNELS HIGHER.							
V	FE PEAK IS AT CHANNEL 103.88 WITH HALFWIDTH OF 1519			4.94.	TI PEAK IS	SUMMED	STARTING -39.60 CHANNELS HIGHER.							
ZN	FE PEAK IS AT CHANNEL 103.88 WITH HALFWIDTH OF 1519			4.94.	CA PEAK IS	SUMMED	STARTING -56.60 CHANNELS HIGHER.							
CU	FE PEAK IS AT CHANNEL 103.88 WITH HALFWIDTH OF 1626			4.94.	V PEAK IS	SUMMED	STARTING -29.60 CHANNELS HIGHER.							
PB	PEAK IS AT CHANNEL 416.82 WITH HALFWIDTH OF 1626			4.94.	ZN PEAK IS	SUMMED	STARTING 39.40 CHANNELS HIGHER.							
RB	PEAK IS AT CHANNEL 416.82 WITH HALFWIDTH OF 1282			4.94.	CU PEAK IS	SUMMED	STARTING 28.40 CHANNELS HIGHER.							
SR	PEAK IS AT CHANNEL 416.82 WITH HALFWIDTH OF 12865			4.94.	PB PEAK IS	SUMMED	STARTING *91.00 CHANNELS HIGHER.							
Y	1625 RB .16500	0 0.		8.67.	RB PEAK IS	SUMMED	STARTING *79.00 CHANNELS HIGHER.							
ZR	PEAK IS AT CHANNEL 416.82 WITH HALFWIDTH OF 3857			8.67.	SR PEAK IS	SUMMED	STARTING *65.00 CHANNELS HIGHER.							
NB	380 SR .16500	0 PB .05500		8.67.	Y PEAK IS	SUMMED	STARTING *48.00 CHANNELS HIGHER.							
MO	PEAK IS AT CHANNEL 416.82 WITH HALFWIDTH OF 4763			8.67.	ZR PEAK IS	SUMMED	STARTING *34.00 CHANNELS HIGHER.							
NI	360 Y .15200	0 0.		8.67.	NB PEAK IS	SUMMED	STARTING *15.60 CHANNELS HIGHER.							
K	PEAK IS AT CHANNEL 416.82 WITH HALFWIDTH OF 5113			8.67.	MO PEAK IS	SUMMED	STARTING -95.00 CHANNELS HIGHER.							
	1281 ZR .15900	0 0.		552	532*0200	125			4.569 +/- .070E 4		.5	1.056	+/- 2.734E	-5 NI
	PEAK IS AT CHANNEL 416.82 WITH HALFWIDTH OF 1777			4.94.	NI PEAK IS	SUMMED	STARTING 20.00 CHANNELS HIGHER.							
	COUNT RATE CORRECTION FOR LAST ELEMENT = I			4.94.	K PEAK IS	SUMMED	STARTING -63.50 CHANNELS HIGHER.							

8062 (BUR-461 WR1 HUARI, SURFACE
GAMMA SPECTRUM-B 606386

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.47CHANNELS
 STD NUMBER 1 -606347 A SAMPLE WEIGHT = -0. MG DEAD TIME = .65 D/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 200708.50 DAYS COUNT TIME = 79.994 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 200708.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/0/0 PST

8062 \$ BUR-462 WR2 HUARI, SURFACE
GAMMA SPECTRUM-B 606387

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.47 CHANNELS
 STD NUMBER 1 -606347 A SAMPLE WEIGHT = -0. MG DEAD TIME = .73 D/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 167286.50 DAYS COUNT TIME = 79.992 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 167286.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

8062 . BUR-463 WR3 HUARI, SURFACE
GAMMA SPECTRUM-B 606388

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.47CHANNELS
 STD NUMBER 1 -606347 A SAMPLE WEIGHT = -0. MG DEAD TIME = .50 0/0 EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 179402.00 DAYS COUNT TIME = 79.990 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 179402.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/0/0 PST

8062] BUR-464 SU8 SUMBAY, ABRIGO SU-2
GAMMA SPECTRUM-B 606389

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.57CHANNELS
 STD NUMBER 1 -606347 A SAMPLE WEIGHT = -.0. MG DEAD TIME = .74 D/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 70032.00 DAYS COUNT TIME = 79.995 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 70032.00 MJD PILL THICKNESS = -.0. MILS SPECTRUM BEGAN 8/13/2050 PST

8062 # BUR-465 SU9 SUMBAY, ABRIGO SU-2
GAMMA SPECTRUM-B 606390

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.62 CHANNELS
STD NUMBER 1 -606347 A SAMPLE WEIGHT = -0. MG DEAD TIME = .56 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 129378.50 DAYS COUNT TIME = 79.994 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 129378.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS COUNTS	BKGD COUNTS	APPR PEAK	REAL PEAK	I X	FLUX(N/MIN-CM2)	CPM	ELEMENT	ELEMENT	
	COUNTS	EL	MULT	COUNTS	EL	MULT								
INCOH					639239	147141	385	388	3.203 +/- .015E 5	476397.0	.001	+/- 2.612E 3		
COH					158593	57011*0412	415		2.103 +/- .021E 3	2132.3	1.011	+/- .013E 0		
FE					8821	1817*0105	104		3.387 +/- .052E 4	147.0	4.341	+/- .096E -3	FE	
CR					1020	1104*9784	84		1.660 +/- .025E 4		-1.8	-1.062 +/- .565E -4	CR	
MN	FE PEAK IS AT CHANNEL 8 FE	104.08 WITH HALFWIDTH OF .00120	O CR .11000		4.78.	CR PEAK IS SUMMED STARTING -21.60 CHANNELS HIGHER.								
TI	FE PEAK IS AT CHANNEL 104.08 WITH HALFWIDTH OF				1644	1281*9874	94		2.195 +/- .034E 4	7.4	3.392	+/- .581E -4	MN	
CA	FE PEAK IS AT CHANNEL 104.08 WITH HALFWIDTH OF				4.78.	MN PEAK IS SUMMED STARTING -12.60 CHANNELS HIGHER.								
V	FE PEAK IS AT CHANNEL 104.08 WITH HALFWIDTH OF				1338	1258*9604	67		3.048 +/- .047E 3	1.7	5.509	+/- 5.231E -4	TI	
ZN	FE PEAK IS AT CHANNEL 104.08 WITH HALFWIDTH OF				4.78.	TI PEAK IS SUMMED STARTING -39.60 CHANNELS HIGHER.								
CU	FE PEAK IS AT CHANNEL 104.08 WITH HALFWIDTH OF				1784	1508*9434	50		1.101 +/- .017E 3	5.8	5.263	+/- 1.096E -3	CA	
PB	PEAK IS AT CHANNEL 416.92 WITH HALFWIDTH OF				4.78.	CA PEAK IS SUMMED STARTING -56.60 CHANNELS HIGHER.								
RB	PEAK IS AT CHANNEL 416.92 WITH HALFWIDTH OF				1033	1058*9704	76		7.451 +/- .114E 3		-0.5	-0.704 +/- 1.233E -4	V	
SR	PEAK IS AT CHANNEL 416.92 WITH HALFWIDTH OF				4.78.	V PEAK IS SUMMED STARTING -29.60 CHANNELS HIGHER.								
Y	1656 RB .16500	0 0.			1830	1568*0394	148		1.355 +/- .021E 5	5.5	4.060	+/- 1.528E -5	ZN	
ZR	PEAK IS AT CHANNEL 416.92 WITH HALFWIDTH OF				4.78.	ZN PEAK IS SUMMED STARTING 39.40 CHANNELS HIGHER.								
NB	423 SR .16500	0 PB .05500			1555	1433*0284	136		9.822 +/- .151E 4	2.6	2.607	+/- 1.923E -5	CU	
MO	PEAK IS AT CHANNEL 416.92 WITH HALFWIDTH OF				4.78.	CU PEAK IS SUMMED STARTING 28.40 CHANNELS HIGHER.								
NI	1381 ZR .15900	0 0.			2940	6655*8090	231		6.774 +/- .104E 4	-78.0	-1.151	+/- .064E -3	PB	
K	PEAK IS AT CHANNEL 416.92 WITH HALFWIDTH OF				8.82.	PB PEAK IS SUMMED STARTING *91.00 CHANNELS HIGHER.								
	COUNT RATE CORRECTION FOR LAST ELEMENT =	I			13469	3432*8210	242		8.980 +/- .246E 5	206.0	2.294	+/- .075E -4	RB	
					8.82.	RB PEAK IS SUMMED STARTING *79.00 CHANNELS HIGHER.								
					4416	1853*8340	256		1.332 +/- .021E 6	52.6	3.951	+/- .163E -5	SR	
					8.82.	SR PEAK IS SUMMED STARTING *66.00 CHANNELS HIGHER.								
					6129	1853*8520	274		1.855 +/- .029E 6	53.9	2.889	+/- .130E -5	Y	
					8.82.	Y PEAK IS SUMMED STARTING *48.00 CHANNELS HIGHER.								
					11813	2704*8660	290		2.327 +/- .036E 6	179.0	7.693	+/- .182E -5	ZR	
					8.82.	ZR PEAK IS SUMMED STARTING *34.00 CHANNELS HIGHER.								
					5578	2594*8844	306		3.257 +/- .051E 6	53.5	1.642	+/- .084E -5	NB	
					8.82.	NB PEAK IS SUMMED STARTING *15.60 CHANNELS HIGHER.								
					6857	6229*9050	328		4.653 +/- .073E 6	-15.7	-3.368	+/- .976E -6	MO	
					8.82.	MO PEAK IS SUMMED STARTING -95.00 CHANNELS HIGHER.								
					681	600*0200	126		4.569 +/- .070E 4	1.7	3.721	+/- 2.551E -5	NI	
					4.78.	NI PEAK IS SUMMED STARTING 20.00 CHANNELS HIGHER.								
					2005	1721*9365	43		3.387 +/- .052E 4	6.0	1.760	+/- .602E -4	K	
					4.78.	K PEAK IS SUMMED STARTING -63.50 CHANNELS HIGHER.								

8062 ➤ BUR-466 SU10 SUMBAY, ABRIGO SU-2
GAMMA SPECTRUM-B 606391

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.50CHANNELS
 STD NUMBER 1 -606347 A SAMPLE WEIGHT = -0. MG DEAD TIME = .81 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 163592.50 DAYS COUNT TIME = 79.996 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 163592.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/0/0 PST

8062 ^ BUR-467 SU11 SUMBAY, ABRIGO SU-2
GAMMA SPECTRUM-B 606392

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.45CHANNELS
 STD NUMBER 1 -606347 A SAMPLE WEIGHT = -0. MG DEAD TIME = .59 0/0 EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 152570.00 DAYS COUNT TIME = 79.996 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 152570.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/0/0 PST

8062 ↑ BUR-468 SU12 SUMBAY, ABRIGO SU-2
GAMMA SPECTRUM-B 606393

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.44 CHANNELS
STD NUMBER 1 -606347 A SAMPLE WEIGHT = -0. MG DEAD TIME = .79 0/0 EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 155430.50 DAYS COUNT TIME = 79.995 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 155430.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/0/0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS COUNTS	BKGD COUNTS	APPR PEAK	REAL PEAK	I X	FLUX(N/MIN-CM2)	CPM	ELEMENT	ELEMENT
	COUNTS	EL	MULT	COUNTS	EL	MULT							
INCOH					756700	167746	385	388	3.203 +/- .015E 5	573253.0	.002	+/- 3.365E 3	
COH					186360	65724*0412	415		2.108 +/- .021E 3	2104.4	.998	+/- .012E -0	
FE					11728	1924*0105	104		3.387 +/- .052E 4	171.0	5.050	+/- .101E -3	FE
CR					1180	1153*9784	84		1.660 +/- .025E 4		.5	2.838 +/- 4.926E -5	CR
MN	FE PEAK IS AT CHANNEL 103.91 WITH HALFWIDTH OF 12 FE	.00120	3 CR	.11000	2074	1324*9874	94		2.195 +/- .034E 4	12.8	5.844	+/- .522E -4	MN
TI	FE PEAK IS AT CHANNEL 103.91 WITH HALFWIDTH OF 12.60				4.81.	MN PEAK IS SUMMED STARTING -12.60 CHANNELS HIGHER.							
CA	FE PEAK IS AT CHANNEL 103.91 WITH HALFWIDTH OF 15.60				1581	1502*9604	67		3.043 +/- .047E 3	1.4	4.521	+/- 4.756E -4	TI
V	FE PEAK IS AT CHANNEL 103.91 WITH HALFWIDTH OF 19.60				4.81.	TI PEAK IS SUMMED STARTING -39.60 CHANNELS HIGHER.							
ZN	FE PEAK IS AT CHANNEL 103.91 WITH HALFWIDTH OF 29.40				2328	1748*9434	50		1.101 +/- .017E 3	10.1	9.192	+/- 1.021E -3	CA
CU	FE PEAK IS AT CHANNEL 103.91 WITH HALFWIDTH OF 28.40				4.81.	CA PEAK IS SUMMED STARTING -56.60 CHANNELS HIGHER.							
PB	PEAK IS AT CHANNEL 416.89 WITH HALFWIDTH OF 8.58.				1212	1192*9704	76		7.451 +/- .114E 3	.3	.468	+/- 1.099E -4	V
RB	PEAK IS AT CHANNEL 416.89 WITH HALFWIDTH OF 8.58.				4.81.	V PEAK IS SUMMED STARTING -29.60 CHANNELS HIGHER.							
SR	PEAK IS AT CHANNEL 416.89 WITH HALFWIDTH OF 8.58.				2206	1791*0394	148		1.355 +/- .021E 5	7.2	5.344	+/- 1.369E -5	ZN
Y	2084 RB .16500	0	0.		4.81.	ZN PEAK IS SUMMED STARTING 39.40 CHANNELS HIGHER.							
ZR	PEAK IS AT CHANNEL 416.89 WITH HALFWIDTH OF 8.58.				1785	1781*0284	136		9.822 +/- .151E 4	.1	.071	+/- 1.766E -5	CU
NB	528 SR .16500	0 PB	.05500		4.81.	CU PEAK IS SUMMED STARTING 28.40 CHANNELS HIGHER.							
MO	PEAK IS AT CHANNEL 416.89 WITH HALFWIDTH OF 8.58.				3394	7843*8090	231		6.774 +/- .104E 4	-77.6	-1.146	+/- .058E -3	PB
NI	1695 ZR .15900	0	0.		8.58.	PB PEAK IS SUMMED STARTING *91.00 CHANNELS HIGHER.							
K	PEAK IS AT CHANNEL 416.89 WITH HALFWIDTH OF 8.58.				16663	4033*8210	242		8.980 +/- .246E 5	218.5	2.433	+/- .076E -4	RB
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				8.58.	RB PEAK IS SUMMED STARTING *79.00 CHANNELS HIGHER.							
					5352	2153*8340	256		1.332 +/- .021E 6	55.3	4.155	+/- .153E -5	SR
					8.58.	SR PEAK IS SUMMED STARTING *66.00 CHANNELS HIGHER.							
					7624	2153*8520	274		1.865 +/- .029E 6	58.6	3.143	+/- .123E -5	Y
					8.58.	Y PEAK IS SUMMED STARTING *48.00 CHANNELS HIGHER.							
					14333	3142*8660	290		2.327 +/- .036E 6	184.6	7.935	+/- .176E -5	ZR
					8.58.	ZR PEAK IS SUMMED STARTING *34.00 CHANNELS HIGHER.							
					6585	3014*8844	306		3.257 +/- .051E 6	53.0	1.627	+/- .077E -5	NB
					8.58.	NB PEAK IS SUMMED STARTING *15.60 CHANNELS HIGHER.							
					8308	7180*9050	328		4.653 +/- .073E 6	-9.9	-2.119	+/- .875E -6	MO
					8.58.	MO PEAK IS SUMMED STARTING -95.00 CHANNELS HIGHER.							
					762	760*0200	125		4.569 +/- .070E 4	.0	.076	+/- 2.354E -5	NI
					4.81.	NI PEAK IS SUMMED STARTING 20.00 CHANNELS HIGHER.							
					2716	2067*9365	43		3.387 +/- .052E 4	11.3	3.343	+/- .559E -4	K
					4.81.	K PEAK IS SUMMED STARTING -63.50 CHANNELS HIGHER.							

8062 ; BUR-469 SU13 SUMBAY, ABRIGO SU-2
GAMMA SPECTRUM-B 606394

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.52CHANNELS
STD NUMBER 1 -606347 A SAMPLE WEIGHT = -0. MG DEAD TIME = .73 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 134045.00 DAYS COUNT TIME = 79.995 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 134045.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS	BKGD	APPR	REAL	I	FLUX(N/MIN-CM2)	CPM	ELEMENT	ELEMENT
	COUNTS	EL	MULT	COUNTS	COUNTS	COUNTS	PEAK	PEAK	X		EOB	ABUNDANCE	
INCOH					709551	159313	385	388	3.203	+/- .015E 5	534537.0	.002	+/- 3.053E 3
COH					174068	62607*0412	415	2.103	+/- .021E 3	2085.2	.989	+/- .013E -0	
FE					10374	1745*0105	104	3.387	+/- .052E 4	161.4	4.766	+/- .098E -3 FE	
CR					1064	1031*9784	84	1.660	+/- .025E 4	.6	3.720	+/- 5.008E -5 CR	
MN	FE PEAK IS AT CHANNEL 103.89 WITH HALFWIDTH OF 10 FE	.00120	4 CR .11000		4.69.	CR PEAK IS SUMMED STARTING -21.60 CHANNELS HIGHER.							
TI	FE PEAK IS AT CHANNEL 103.89 WITH HALFWIDTH OF 10 FE	.00120	4 CR .11000		1761	1216*9874	94	2.195	+/- .034E 4	9.9	4.527	+/- .522E -4 MN	
CA	FE PEAK IS AT CHANNEL 103.89 WITH HALFWIDTH OF 10 FE	.00120	4 CR .11000		4.69.	MN PEAK IS SUMMED STARTING -12.60 CHANNELS HIGHER.							
V	FE PEAK IS AT CHANNEL 103.89 WITH HALFWIDTH OF 10 FE	.00120	4 CR .11000		1425	1321*9604	67	3.048	+/- .047E 3	1.9	6.383	+/- 4.795E -4 TI	
ZN	FE PEAK IS AT CHANNEL 103.89 WITH HALFWIDTH OF 10 FE	.00120	4 CR .11000		4.69.	TI PEAK IS SUMMED STARTING -39.60 CHANNELS HIGHER.							
CU	FE PEAK IS AT CHANNEL 103.89 WITH HALFWIDTH OF 10 FE	.00120	4 CR .11000		2123	1592*9434	50	1.101	+/- .017E 3	9.9	9.025	+/- 1.045E -3 CA	
PB	FE PEAK IS AT CHANNEL 103.89 WITH HALFWIDTH OF 10 FE	.00120	4 CR .11000		4.69.	CA PEAK IS SUMMED STARTING -56.60 CHANNELS HIGHER.							
RB	PEAK IS AT CHANNEL 416.88 WITH HALFWIDTH OF 4809 RB .16500	0	0.		1134	1097*9704	76	7.451	+/- .114E 3	.7	.929	+/- 1.136E -4 V	
SR	PEAK IS AT CHANNEL 416.88 WITH HALFWIDTH OF 429 Y .15200	0	0.		4.69.	V PEAK IS SUMMED STARTING -29.60 CHANNELS HIGHER.							
Y	PEAK IS AT CHANNEL 416.88 WITH HALFWIDTH OF 484 SR .16500	0	0.		1980	1671*0394	148	1.355	+/- .021E 5	5.8	4.267	+/- 1.409E -5 ZN	
ZR	PEAK IS AT CHANNEL 416.88 WITH HALFWIDTH OF 429 Y .15200	0	0.		4.69.	ZN PEAK IS SUMMED STARTING 39.40 CHANNELS HIGHER.							
NB	PEAK IS AT CHANNEL 416.88 WITH HALFWIDTH OF 429 Y .15200	0	0.		1622	1541*0284	136	9.822	+/- .151E 4	1.5	1.543	+/- 1.767E -5 CU	
MO	PEAK IS AT CHANNEL 416.88 WITH HALFWIDTH OF 1578 ZR .15900	0	0.		4.69.	CU PEAK IS SUMMED STARTING 28.40 CHANNELS HIGHER.							
NI	PEAK IS AT CHANNEL 416.88 WITH HALFWIDTH OF 1578 ZR .15900	0	0.		3007	7486*8090	231	6.774	+/- .104E 4	-83.8	-1.237	+/- .061E -3 PB	
K	FE PEAK IS AT CHANNEL 103.89 WITH HALFWIDTH OF 1578 ZR .15900	0	0.		8.50.	PB PEAK IS SUMMED STARTING *91.00 CHANNELS HIGHER.							
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				15720	3545*8210	242	8.980	+/- .246E 5	223.5	2.488	+/- .078E -4 RB	
					8.50.	RB PEAK IS SUMMED STARTING *79.00 CHANNELS HIGHER.							
					4943	2007*8340	256	1.332	+/- .021E 6	53.9	4.048	+/- .155E -5 SR	
					8.50.	SR PEAK IS SUMMED STARTING *66.00 CHANNELS HIGHER.							
					6837	2007*8520	274	1.865	+/- .029E 6	51.9	2.781	+/- .122E -5 Y	
					8.50.	Y PEAK IS SUMMED STARTING *48.00 CHANNELS HIGHER.							
					13210	2804*8660	290	2.327	+/- .036E 6	182.7	7.852	+/- .177E -5 ZR	
					8.50.	ZR PEAK IS SUMMED STARTING *34.00 CHANNELS HIGHER.							
					6149	2691*8844	306	3.257	+/- .051E 6	56.0	1.718	+/- .078E -5 NB	
					8.50.	NB PEAK IS SUMMED STARTING *15.60 CHANNELS HIGHER.							
					7842	6871*9050	328	4.653	+/- .073E 6	-11.3	-2.420	+/- .913E -6 MO	
					8.50.	MO PEAK IS SUMMED STARTING -95.00 CHANNELS HIGHER.							
					693	672*0200	125	4.569	+/- .070E 4	.4	.860	+/- 2.381E -5 NI	
					4.69.	NI PEAK IS SUMMED STARTING 20.00 CHANNELS HIGHER.							
					2282	1835*9365	43	3.387	+/- .052E 4	8.4	2.469	+/- .558E -4 K	
					4.69.	K PEAK IS SUMMED STARTING -63.50 CHANNELS HIGHER.							

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A1606 S343 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	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.	4.
CU	CU	100805	2100284	5	-6	9	30.	2.9
PB	PB	101265	1098090	8	-8	11	30.	2.
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	NB	101659	1098844	-86	-1	1.4	11	4 150. .152
MO	MO	101744	1099050	12	-9	13	150. .159	2.0
NI	NI	100747	2100200	5	-1	4	1	30.
K	K	100331	2099365	17	-4	6	30.00	1.0

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606348 517
 8062 B BACKGROUND
 606347 517
 8062 A LUB-30 L-122 EL CHAYAL CONTROL SAMPLE

606349 5 17
 8062 C PLAST THICK PLASTIC

1

8062 D BUR-425 ISB-27 AY5-5, SURFACE
 169046.5

8062 E BUR-426 ISB-28 AY5-5, SURFACE
 149116.5

8062 F BUR-427 ISB-29 AY5-5, SURFACE
 184432.5

8062 G BUR-428 ISB-30 AY5-5, SURFACE
 55130.0

8062 H BUR-429 ISB-31 AY5-5, SURFACE
72910.5

8062 I BUR-430 ISB-32 AY5-5, SURFACE
120077.5

8062 J BUR-431 ISB-33 AY5-5, SURFACE
182317.0

8062 K BUR-432 ISB-34 AY5-5, SURFACE
152677.5

8062 L BUR-433 ISB-35 AY5-5, SURFACE
169725.0

8062 M BUR-434 ISB-36 AY5-5, SURFACE
182110.0

8062 N BUR-435 ISB-37 AY5-5, SURFACE
214137.0

8062 O BUR-436 ISB-38 AY5-5, SURFACE
153422.5

8062 P BUR-437 ISB-39 AY5-5, SURFACE
134777.0

8062 Q BUR-438 ISB-40 AY5-5, SURFACE
232765.5

8062 R BUR-439 ISB-41 AY5-5, SURFACE
120363.5

8062 S BUR-440 ISB-42 AY5-5, SURFACE
157591.0

8062 T BUR-441 ISB-43 AY5-5, SURFACE
101823.0

8062 U BUR-442 ISB-44 AY5-5, SURFACE
148861.5

8062 V BUR-443 ISB-45 AY5-5, SURFACE
61868.0

8062 W BUR-444 ISB-46 AY5-5, SURFACE
87713.0

8062 X BUR-445 ISB-47 AY5-5, SURFACE
49459.0

8062 Y BUR-446 ISB-48 AY5-5, SURFACE
144604.0

8062 Z BUR-447 ISB-49 AY5-5, SURFACE
146633.0

8062 1 BUR-448 ISB-50 AY5-5, SURFACE
94368.0

8062 2 BUR-449 ISB-51 AY5-5, SURFACE
3

107154.0
8062 3 BUR-450 ISB-52 AY5-5, SURFACE
70266.5
8062 4 BUR-451 ISB-53 AY5-5, SURFACE
139397.0
8062 5 BUR-452 ISB-54 AY5-5, SURFACE
141781.5
8062 6 BUR-453 ISB-55 AY5-5, SURFACE
152313.5
8062 7 BUR-454 ISB-56 AY5-5, SURFACE
177112.0
8062 8 BUR-455 ISB-57 AY5-5, SURFACE
103393.0
8062 9 BUR-456 ISB-58 AY5-5, SURFACE
81205.0
8062 + BUR-457 ISB-59 AY5-5, SURFACE
147420.5
8062 - BUR-458 ISB-60 AY5-5, SURFACE
117079.5
8062 * BUR-459 MV21 MARCAVALLE, 2B/80
149474.0
8062 / BUR-460 MV22 MARCAVALLE, 2B/80
103297.0
8062 (BUR-461 WR1 HUARI, SURFACE
200708.5
8062 \$ BUR-462 WR2 HUARI, SURFACE
167286.5
8062 . BUR-463 WR3 HUARI, SURFACE
179402.0
8062] BUR-464 SU8 SUMBAY, ABRIGO SU-2
70032.0
8062 # BUR-465 SU9 SUMBAY, ABRIGO SU-2
129378.5
8062 > BUR-466 SU10 SUMBAY, ABRIGO SU-2
163592.5
8062 ^ BUR-467 SU11 SUMBAY, ABRIGO SU-2
152570.0
8062 † BUR-468 SU12 SUMBAY, ABRIGO SU-2
155430.5
8062 ; BUR-469 SU13 SUMBAY, ABRIGO SU-2
134045.0