

DATE 21 JUN 73
BOMB 8033
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 = LONG 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
573239	B	H	7.75
573236	A	H	8.04
572067	A	H	7.90
573242	C	H	8.34
573244	D	H	7.97
573246	E	H	8.24
573249	F	H	8.22
573251	G	H	8.06
573253	H	H	7.88
573255	I	H	8.17
573257	J	H	8.10
573260	K	H	7.82
573262	L	H	7.78
573264	M	H	8.26
573266	N	H	8.05
573269	O	H	7.84
573271	P	H	8.12
573274	Q	H	7.98
573276	S	H	7.89
572001	T	H	7.89
572004	U	H	8.04
572006	V	H	8.23
572008	W	H	8.28
572010	X	H	8.11
572013	Y	H	8.09
572015	Z	H	7.75
572017	1	H	8.19
572019	2	H	7.64
572021	3	H	8.36
572024	4	H	7.79
572026	5	H	7.81
572028	6	H	7.79
572030	7	H	7.71
572032	8	H	7.76
572035	9	H	7.91
572037	+	H	8.04
572040	-	H	7.96
572042	*	H	8.11
572044	/	H	7.62

572046	>	H	+	8.00
572049	\$	H		8.35
572051	.	H		8.04
572053	[H	+	7.87
572055	#	H		7.83
572058	*	H		7.86
572060	^	H	+	7.84
572062	↑	H		7.96
572064	:	H		7.77
572071	C	H		7.98
572073	D	H		7.62
572076	E	H		7.88
572078	F	H		7.86
572080	G	H		7.90
572082	H	H		7.85
572084	I	H		7.99
576002	R	H		8.08

8033 B BACK BACKGROUND
GAMMA SPECTRUM-B 573239

GAMMA SPECTRUM-B 573239
WEIGHT OF STD = 100.0000 MG EOB = 0. MJD IRRADIATION TIME = 0. MIN DECAY TIME = *330.85577 DAYS
COUNT TIME = 79.998 MIN C/SEC BEG. = 0 C/SEC END = 0 START TIME = 43330.85577 MJD

THE IN (122.11KEV) PEAK HAS A HALFWIDTH OF 7.75 CHANNELS

8033 B BACK BACKGROUND
GAMMA SPECTRUM-B 573239

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

STD NUMBER 1 -573239 B SAMPLE WEIGHT = 100.00000 MG DEAD TIME = .05 0/0 EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = *330.85577 DAYS COUNT TIME = 79.998 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43330.85577 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/ 6/1977 PST

NUCLIDE	HALF LIFE	GAMMA ENERGY	COUNT INTENS.	CROSS SECT.	GROSS COUNTS	BKGD APPR	REAL PEAK COUNTS	FLUX(N/MIN-CM2)	CPM	MULT	ELEMENT		ELEMENT
											REAL PEAK CHAN	CHAN	DECAY CORR.
INCOH	-0.	*0000	-0.	-0.	-0.	49398	8349 385 386	4.105 +/- .043E 4	0.	1.00000	0.	+/-	1.048E 1
COH	-0.	*2311	-0.	-0.	-0.	7331	2696*0412 414	1.129 +/- .038E 3	-4635000.0	1.00000	-4.105	+/-	.193E 3
FE	-0.	*0640	-0.	-0.	-0.	275	260*0105 104	3.593 +/- -6.329E 2	-15000.0	1.00000	-417	+/-	1.040E 2
CR	-0.	*0541	-0.	-0.	-0.	152	139*9784 84	1.761 +/- -3.101E 2	-13000.0	1.00000	-738	+/-	1.606E 2
								1.98. CR PEAK IS SUMMED STARTING -21.60 CHANNELS HIGHER.					
								COUNTS REMOVED FROM NEXT PEAK = 0 FE, (.00120), 1 CR, (.11000),					
MN	-0.	*0590	-0.	-0.	-0.	152	166*9874 94	2.328 +/- -4.101E 2	15448.0	.00120	.663	+/-	1.456E 2
								FE PEAK IS AT CHANNEL 104.06 WITH HALFWIDTH OF 1.98. MN PEAK IS SUMMED STARTING -12.60 CHANNELS HIGHER.					
TI	-0.	*0451	-0.	-0.	-0.	196	167*9604 67	3.234 +/- -5.696E 1	-29000.0	1.00000	-.897	+/-	1.805E 3
								FE PEAK IS AT CHANNEL 104.06 WITH HALFWIDTH OF 1.98. TI PEAK IS SUMMED STARTING -39.60 CHANNELS HIGHER.					
CA	-0.	*0369	-0.	-0.	-0.	327	309*9434 50	1.168 +/- -2.057E 1	-18000.0	1.00000	-1.541	+/-	3.459E 3
								FE PEAK IS AT CHANNEL 104.06 WITH HALFWIDTH OF 1.98. CA PEAK IS SUMMED STARTING -56.60 CHANNELS HIGHER.					
V	-0.	*0495	-0.	-0.	-0.	135	125*9704 76	7.905 +/- -*.923E 1	-10000.0	1.00000	-1.265	+/-	2.965E 2
								FE PEAK IS AT CHANNEL 104.06 WITH HALFWIDTH OF 1.98. V PEAK IS SUMMED STARTING -29.60 CHANNELS HIGHER.					
ZN	-0.	*0863	-0.	-0.	-0.	262	207*0394 148	1.437 +/- -2.531E 3	-55000.0	1.00000	-3.827	+/-	7.196E 1
								FE PEAK IS AT CHANNEL 104.06 WITH HALFWIDTH OF 1.98. ZN PEAK IS SUMMED STARTING 39.40 CHANNELS HIGHER.					
CU	-0.	*0805	-0.	-0.	-0.	329	211*0284 136	1.042 +/- -1.835E 3	-118000.0	1.00000	-1.132	+/-	2.024E 2
								FE PEAK IS AT CHANNEL 104.06 WITH HALFWIDTH OF 1.98. CU PEAK IS SUMMED STARTING 28.40 CHANNELS HIGHER.					
PB	-0.	*1265	-0.	-0.	-0.	178	154*8090 229	7.186 +/- -*.657E 2	-24000.0	1.00000	-3.340	+/-	7.379E 1
								PEAK IS AT CHANNEL 414.74 WITH HALFWIDTH OF 7.06. PB PEAK IS SUMMED STARTING *91.00 CHANNELS HIGHER.					
RB	-0.	*1338	-0.	-0.	-0.	149	111*8230 242	1.322 +/- .903E 5	-38000.0	1.00000	-.287	+/-	.277E -0
								PEAK IS AT CHANNEL 414.74 WITH HALFWIDTH OF 7.06. RB PEAK IS SUMMED STARTING *77.00 CHANNELS HIGHER.					
SR	-0.	*1415	-0.	-0.	-0.	185	106*8390 259	1.327 +/- .468E 5	-79000.0	1.00000	-.595	+/-	.297E -0
								PEAK IS AT CHANNEL 414.74 WITH HALFWIDTH OF 7.06. SR PEAK IS SUMMED STARTING *61.00 CHANNELS HIGHER.					
								COUNTS REMOVED FROM NEXT PEAK = 6 RB, (.16500),					
Y	-0.	*1493	-0.	-0.	-0.	160	184*8535 273	1.858 +/- .655E 5	30270.0	.16500	.163	+/-	.195E -0
								PEAK IS AT CHANNEL 414.74 WITH HALFWIDTH OF 7.06. Y PEAK IS SUMMED STARTING *46.50 CHANNELS HIGHER.					
								COUNTS REMOVED FROM NEXT PEAK = 13 SR, (.16500), 1 PB, (.05500),					
ZR	-0.	*1575	-0.	-0.	-0.	247	229*8685 290	1.402 +/- -4.256E 4	-3645.0	.16500	-.260	+/-	3.256E 0
								PEAK IS AT CHANNEL 414.74 WITH HALFWIDTH OF 7.06. ZR PEAK IS SUMMED STARTING *31.50 CHANNELS HIGHER.					
								COUNTS REMOVED FROM NEXT PEAK = 0 Y, (.15200),					
NB	-0.	*1659	-0.	-0.	-0.	213	203*8865 306	1.963 +/- -5.959E 4	-9999.0	.15200	-.509	+/-	2.419E 0
								PEAK IS AT CHANNEL 414.74 WITH HALFWIDTH OF 7.06. NB PEAK IS SUMMED STARTING *13.50 CHANNELS HIGHER.					
								COUNTS REMOVED FROM NEXT PEAK = 1 ZR, (.15900),					
MO	-0.	*1744	-0.	-0.	-0.	405	459*9050 326	2.804 +/- -8.513E 4	54579.6	.15900	1.946	+/-	6.260E 0
								PEAK IS AT CHANNEL 414.74 WITH HALFWIDTH OF 7.06. MO PEAK IS SUMMED STARTING -95.00 CHANNELS HIGHER.					
NI	-0.	*0747	-0.	-0.	-0.	95	100*0200 126	4.847 +/- -8.537E 2	5000.0	1.00000	1.032	+/-	4.937E 1
								FE PEAK IS AT CHANNEL 104.06 WITH HALFWIDTH OF 1.98. NI PEAK IS SUMMED STARTING 20.00 CHANNELS HIGHER.					
K	-0.	*0331	-0.	-0.	-0.	321	263*9365 43	3.593 +/- -6.329E 2	-58000.0	1.00000	-1.614	+/-	3.039E 2
								FE PEAK IS AT CHANNEL 104.06 WITH HALFWIDTH OF 1.98. K PEAK IS SUMMED STARTING -63.50 CHANNELS HIGHER.					
								COUNT RATE CORRECTION FOR LAST ELEMENT = I					

8033 A STD POT STANDARD POTTERY
GAMMA SPECTRUM-B 573236

GAMMA SPECTRUM-B 573236
WEIGHT OF STD = 100.0000 MG EOB = 0. MJD IRRADIATION TIME = 0. MIN DECAY TIME = *330.79215 DAYS
COUNT TIME = 80.988 MIN C/SEC BEG. = 0 C/SEC END = 0 START TIME = 43330.79215 MJD

THE IN (23-11KEV) PEAK HAS A HALFWIDTH OF 8.04 CHANNELS

STANDARD	HALF LIFE	GAMMA ENERGY	ELEMENT	GROSS COUNTS	BKGD COUNTS	BKGD OPT.	BKGD MULT.	APPR PEAK CHAN	REAL PEAK CHAN	N CHAN	I CHAN	APPROX BKGD	CPM	ISOTOPE ABUND.	CALCULATED FLUX	
															O/O	
1 INCOH	-0.	*0000	1.000 +/- 0.	E 0	752983	128361	-25-0.	385	387	30	-0	17	583573.0	-0.	5.836 +/- .017E 5	
1 COH	-0.	*2311	1.000 +/- 0.	E 0	132719	44223	-8-0.	*0412	415	12	-0	9	1516.5	-0.	1.516 +/- .011E 3	
1 FE	-0.	*0640	1.017 +/- 0.	E -2	25847	1991	-16-0.	*0105	104	9	1	29	408.8	-0.	4.020 +/- .029E 4	
1 CR	-0.	*0541	30.000 +/- .490E -0		1249	1164	-5-0.	*9784	84	5	1	3	1.5	-0.	4.855 +/- 2.725E -2	
																FE PEAK IS AT CHANNEL 104.08 WITH HALFWIDTH OF 4.69. CR PEAK IS INTEGRATED BEGINNING EXACTLY -21.60 CHANNELS HIGHER.
																CCOUNTS REMOVED FROM NEXT PEAK = 0 FE, (.00120), 0 CR, (.11000),
1 MN	-0.	*0590	30.000 +/- .648E -0		1431	1363	-6-0.	*9874	94	6	1	39	1.2	-0.	3.847 +/- 3.401E -2	
																FE PEAK IS AT CHANNEL 104.08 WITH HALFWIDTH OF 4.69. MN PEAK IS INTEGRATED BEGINNING EXACTLY -12.60 CHANNELS HIGHER.
1 TI	-0.	*3451	30.000 +/- .090E -0		3500	1599	-6-0.	*9604	67	6	-0	14	32.6	-0.	1.086 +/- .055E 0	
																FE PEAK IS AT CHANNEL 104.08 WITH HALFWIDTH OF 4.69. TI PEAK IS INTEGRATED BEGINNING EXACTLY -39.60 CHANNELS HIGHER.
1 CA	-0.	*0369	30.000 +/- .032E -0		1952	1759	-13-0.	*9434	50	6	1	11	3.3	-0.	.110 +/- .035E -0	
																FE PEAK IS AT CHANNEL 104.08 WITH HALFWIDTH OF 4.69. CA PEAK IS INTEGRATED BEGINNING EXACTLY -56.60 CHANNELS HIGHER.
1 V	-0.	*0495	30.000 +/- .220E -0		1556	1384	-4-0.	*9704	76	5	1	4	2.9	-0.	9.825 +/- 2.973E -2	
																FE PEAK IS AT CHANNEL 104.08 WITH HALFWIDTH OF 4.69. V PEAK IS INTEGRATED BEGINNING EXACTLY -29.60 CHANNELS HIGHER.
1 ZN	-0.	*0863	30.000 +/- 4.000E -0		2367	2185	-6-0.	*0394	148	10	-0	7	3.1	-0.	.104 +/- .066E -0	
																FE PEAK IS AT CHANNEL 104.08 WITH HALFWIDTH OF 4.69. ZN PEAK IS INTEGRATED BEGINNING EXACTLY 39.40 CHANNELS HIGHER.
1 CU	-0.	*0805	30.000 +/- 2.900E -0		2136	1913	-6-0.	*0284	136	9	-0	5	3.8	-0.	.127 +/- .060E -0	
																FE PEAK IS AT CHANNEL 104.08 WITH HALFWIDTH OF 4.69. CU PEAK IS INTEGRATED BEGINNING EXACTLY 28.40 CHANNELS HIGHER.
1 PB	-0.	*1265	30.000 +/- 2.000E -0		2689	2739	-8-0.	*8090	229	11	-0	8	-.9	-0.	-2.856 +/- 7.611E -2	
																PEAK IS AT CHANNEL 414.71 WITH HALFWIDTH OF 7.21. PB PEAK IS INTEGRATED BEGINNING EXACTLY *91.00 CHANNELS HIGHER.
1 RB	-0.	*1338	7.000 +/- 0.	E -5	5628	2562	-8-0.	*8230	242	9	-0	5	52.5	-0.	7.505 +/- .329E 5	
																PEAK IS AT CHANNEL 414.71 WITH HALFWIDTH OF 7.21. RB PEAK IS INTEGRATED BEGINNING EXACTLY *77.00 CHANNELS HIGHER.
1 SR	-0.	*1415	1.450 +/- 0.	E -4	10755	3055	-8-0.	*8390	259	11	-0	7	131.9	-0.	9.100 +/- .196E 5	
																PEAK IS AT CHANNEL 414.71 WITH HALFWIDTH OF 7.21. SR PEAK IS INTEGRATED BEGINNING EXACTLY *61.00 CHANNELS HIGHER.
																COUNTS REMOVED FROM NEXT PEAK = 9 RB, (.16500),
1 Y	-0.	*149313	0.000 +/- 1.400E -0		5119	2943	-7-0.	*8535	273	11	-0	6	37.1	-0.	.286 +/- .019E -0	
																PEAK IS AT CHANNEL 414.71 WITH HALFWIDTH OF 7.21. Y PEAK IS INTEGRATED BEGINNING EXACTLY *46.50 CHANNELS HIGHER.
																COUNTS REMOVED FROM NEXT PEAK = 22 SR, (.16500),
1 ZR	-0.	*1575	2.520 +/- 0.	E -4	26610	6049	-8-0.	*8685	290	15	-0	9	352.0	-0.	1.397 +/- .018E 6	
																PEAK IS AT CHANNEL 414.71 WITH HALFWIDTH OF 7.21. ZR PEAK IS INTEGRATED BEGINNING EXACTLY *31.50 CHANNELS HIGHER.
																COUNTS REMOVED FROM NEXT PEAK = 6 Y, (.15200),
1 NB	-0.	*1659150.000 +/- 1.400E -0			5816	3828	-7-0.	*8865	306	11	-0	7	34.0	-0.	.226 +/- .019E -0	
																PEAK IS AT CHANNEL 414.71 WITH HALFWIDTH OF 7.21. NB PEAK IS INTEGRATED BEGINNING EXACTLY *13.50 CHANNELS HIGHER.
																COUNTS REMOVED FROM NEXT PEAK = 56 ZR, (.15900),
1 MO	-0.	*1744150.000 +/- 2.000E -0			9705	6548	-9-0.	*9050	326	13	-0	12	53.1	-0.	.354 +/- .026E -0	
																PEAK IS AT CHANNEL 414.71 WITH HALFWIDTH OF 7.21. MO PEAK IS INTEGRATED BEGINNING EXACTLY -95.00 CHANNELS HIGHER.
1 NI	-0.	*0747	30.000 +/- 1.349E -0		1584	776	-1-0.	*0200	126	4	1	5	13.8	-0.	.462 +/- .039E -0	
																FE PEAK IS AT CHANNEL 104.08 WITH HALFWIDTH OF 4.69. NI PEAK IS INTEGRATED BEGINNING EXACTLY 20.00 CHANNELS HIGHER.
1 K	-0.	*0331	30.000 +/- 1.000E -0		2058	1702	-4-0.	*9365	43	6	-0	17	6.1	-0.	.203 +/- .055E -0	
																FE PEAK IS AT CHANNEL 104.08 WITH HALFWIDTH OF 4.69. K PEAK IS INTEGRATED BEGINNING EXACTLY -63.50 CHANNELS HIGHER.

8033 A STD POT STANDARD POTTERY
GAMMA SPECTRUM-B 573236

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 8.04CHANNELS
STD NUMBER 1 -573236 A SAMPLE WEIGHT = 100.00000 MG DEAD TIME = .74 O/O EOB = 0. MJD
IRRADIATION TIME = J. MIN DECAY TIME = *330.79215 DAYS COUNT TIME = 80.988 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43330.79215 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/ 6/1977 PST

8033 A STD POT STANDARD POTTERY
GAMMA SPECTRUM-B 572067

GAMMA SPECTRUM-B 57206 /
WEIGHT OF STD = 100.00000 MG EOB = 0. MJD IRRADIATION TIME = 0. MIN DECAY TIME = *333.51446 DAYS
COUNT TIME = 79.990 MIN C/SEC BEG. = 0 C/SEC END = 0 START TIME = 43333.51446 MJD

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

8033 A STD POT STANDARD POTTERY
GAMMA SPECTRUM-B 5720-7

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

STD NUMBER 2 -572067 A SAMPLE WEIGHT = 100.00000 MG DEAD TIME = .78 O/O EOB = 0. MJD
IRRADIATION TIME = J. MIN DECAY TIME = *333.51446 DAYS COUNT TIME = 79.990 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43333.5146 MJD PILL THICKNESS = -.0. MILS SPECTRUM BEGAN 7/ 9/1977 PST

8033 C PLAST THICK PLASTIC
GAMMA SPECTRUM-B 572071

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.98CHANNELS

STD NUMBER 1 2 -572067 A SAMPLE WEIGHT = -0. MG DEAD TIME = .53 O/O EOB = 0. MJD
IRRADIATION TIME = J. MIN DECAY TIME = *333.62630 DAYS COUNT TIME = 79.997 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43333.62630 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/ 9/1977 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					603924	84875	385	388	5.812 +/- .012E 5	478000.0	.082 +/- 2.417E 1		
COH					58025	26504*0412	415		1.532 +/- .008E 3	659.4	.431 +/- .007E -0		
FE					1356	1217*0105	103		4.042 +/- .020E 4		2.9	7.195 +/- 3.003E -5	FE
CR					708	686*9784	85		1.980 +/- .010E 4		.5	2.324 +/- 3.829E -5	CR
	FE PEAK IS AT CHANNEL 104.44 WITH HALFWIDTH OF				4.43.	CR PEAK IS SUMMED STARTING -21.60 CHANNELS HIGHER.							
MN	0 FE .J0120		2 CR .11000		798	806*9874	94		2.619 +/- .013E 4		-.2	-.846 +/- 3.624E -5	MN
	FE PEAK IS AT CHANNEL 104.44 WITH HALFWIDTH OF				4.43.	MN PEAK IS SUMMED STARTING -12.60 CHANNELS HIGHER.							
TI					900	937*9604	67		3.637 +/- .018E 3		-.8	-2.128 +/- 3.727E -4	TI
CA	FE PEAK IS AT CHANNEL 104.44 WITH HALFWIDTH OF				4.43.	TI PEAK IS SUMMED STARTING -39.60 CHANNELS HIGHER.							
					1133	1031*9434	50		1.314 +/- .007E 3		2.1	1.625 +/- .740E -3	CA
V	FE PEAK IS AT CHANNEL 104.44 WITH HALFWIDTH OF				4.43.	CA PEAK IS SUMMED STARTING -56.60 CHANNELS HIGHER.							
ZN					781	728*9704	77		8.891 +/- .045E 3		1.1	1.247 +/- .877E -4	V
	FE PEAK IS AT CHANNEL 104.44 WITH HALFWIDTH OF				4.43.	V PEAK IS SUMMED STARTING -29.60 CHANNELS HIGHER.							
CU					1192	1145*0394	148		1.617 +/- .008E 5		1.0	.608 +/- 1.082E -5	ZN
PB	FE PEAK IS AT CHANNEL 104.44 WITH HALFWIDTH OF				4.43.	ZN PEAK IS SUMMED STARTING 39.40 CHANNELS HIGHER.							
	PEAK IS AT CHANNEL 415.00 WITH HALFWIDTH OF				1111	1057*0284	137		1.172 +/- .006E 5		1.1	.964 +/- 1.372E -5	CU
RB					4.43.	CU PEAK IS SUMMED STARTING 28.40 CHANNELS HIGHER.							
	PEAK IS AT CHANNEL 415.00 WITH HALFWIDTH OF				1363	1408*8090	229		8.083 +/- .041E 4		-.9	-1.165 +/- 2.470E -5	PB
SR					7.23.	PB PEAK IS SUMMED STARTING *91.00 CHANNELS HIGHER.							
	PEAK IS AT CHANNEL 415.00 WITH HALFWIDTH OF				1173	1117*8230	242		7.514 +/- .232E 5		1.2	1.559 +/- 2.223E -6	RB
Y					7.23.	RB PEAK IS SUMMED STARTING *77.00 CHANNELS HIGHER.							
	PEAK IS AT CHANNEL 415.00 WITH HALFWIDTH OF				1310	1371*8390	259		9.110 +/- .138E 5		-1.3	-1.401 +/- 2.161E -6	SR
ZR	9 RB .16500	0	0.		7.23.	SR PEAK IS SUMMED STARTING *61.00 CHANNELS HIGHER.							
	PEAK IS AT CHANNEL 415.00 WITH HALFWIDTH OF				1429	1469*8535	274		1.275 +/- .019E 6		-1.0	-.808 +/- 1.621E -6	Y
NB	0 SR .16500	0	PB .05500		7.23.	Y PEAK IS SUMMED STARTING *46.50 CHANNELS HIGHER.							
	PEAK IS AT CHANNEL 415.00 WITH HALFWIDTH OF				2095	2186*8685	291		1.402 +/- .013E 6		-1.9	-1.358 +/- 2.025E -6	ZR
MO	0 Y .15200	0	0.		7.23.	ZR PEAK IS SUMMED STARTING *31.50 CHANNELS HIGHER.							
	PEAK IS AT CHANNEL 415.00 WITH HALFWIDTH OF				1833	2024*8865	307		1.962 +/- .018E 6		-4.0	-2.036 +/- 1.214E -6	NB
NI	0 ZR .15900	0	0.		7.23.	NB PEAK IS SUMMED STARTING *13.50 CHANNELS HIGHER.							
	PEAK IS AT CHANNEL 415.00 WITH HALFWIDTH OF				3261	3646*9050	326		2.803 +/- .026E 6		-8.1	-2.873 +/- 1.211E -6	MO
K	FE PEAK IS AT CHANNEL 104.44 WITH HALFWIDTH OF				7.23.	MO PEAK IS SUMMED STARTING -95.00 CHANNELS HIGHER.							
	FE PEAK IS AT CHANNEL 104.44 WITH HALFWIDTH OF				423	480*0200	126		5.452 +/- .028E 4		-1.2	-2.187 +/- 1.857E -5	NI
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				1176	1214*9365	43		4.042 +/- .020E 4		-.8	-1.967 +/- 4.172E -5	K
	FE PEAK IS AT CHANNEL 104.44 WITH HALFWIDTH OF				4.43.	K PEAK IS SUMMED STARTING -63.50 CHANNELS HIGHER.							

8033 C PLAST THICK PLASTIC
GAMMA SPECTRUM-B 573242

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 8.34CHANNELS

STD NUMBER 1 2 -572067 A SAMPLE WEIGHT = -0. MG DEAD TIME = .53 0/0 EOB = 0. MJD
IRRADIATION TIME = .0. MIN DECAY TIME = *330.90749 DAYS COUNT TIME = 79.998 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43330.90749 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/ 6/1977 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					601277	83049	385	388	5.812 +/- .012E 5	477179.0	.082 +/- 2.392E 1		
COH					58157	26152*0412	414		1.532 +/- .008E 3	670.7	.438 +/- .007E -0		
FE					1253	1219*0105	102		4.042 +/- .020E 4		.7 1.763 +/- 2.965E -5	FE	
CR					740	727*9784	83		1.980 +/- .010E 4		.3 1.376 +/- 3.930E -5	CR	
MN	FE PEAK IS AT CHANNEL 0 FE	.0120		1 CR	.11000		856	848*9874	92	2.619 +/- .013E 4	.1 .522 +/- 3.753E -5	MN	
TI	FE PEAK IS AT CHANNEL 102.12	WITH HALFWIDTH OF		2.75.	MN PEAK IS SUMMED	STARTING -12.60 CHANNELS HIGHER.							
CA	FE PEAK IS AT CHANNEL 102.12	WITH HALFWIDTH OF		2.75.	TI PEAK IS SUMMED	STARTING -39.60 CHANNELS HIGHER.							
V	FE PEAK IS AT CHANNEL 102.12	WITH HALFWIDTH OF		2.75.	CA PEAK IS SUMMED	STARTING -56.60 CHANNELS HIGHER.							
ZN	FE PEAK IS AT CHANNEL 102.12	WITH HALFWIDTH OF		2.75.	V PEAK IS SUMMED	STARTING -29.60 CHANNELS HIGHER.							
CU	FE PEAK IS AT CHANNEL 102.12	WITH HALFWIDTH OF		2.75.	ZN PEAK IS SUMMED	STARTING 39.40 CHANNELS HIGHER.							
PB	PEAK IS AT CHANNEL 414.46	WITH HALFWIDTH OF		7.38.	ZN PEAK IS SUMMED	STARTING 28.40 CHANNELS HIGHER.							
RB	PEAK IS AT CHANNEL 414.46	WITH HALFWIDTH OF		7.38.	PB PEAK IS SUMMED	STARTING *91.00 CHANNELS HIGHER.							
SR	PEAK IS AT CHANNEL 414.46	WITH HALFWIDTH OF		7.38.	RB PEAK IS SUMMED	STARTING *77.00 CHANNELS HIGHER.							
Y	0 RB	.16500	0 0.	1355	1293*8390	258		9.110 +/- .138E 5		1.3 1.426 +/- 2.125E -6	SR		
ZR	PEAK IS AT CHANNEL 414.46	WITH HALFWIDTH OF		7.38.	SR PEAK IS SUMMED	STARTING *61.00 CHANNELS HIGHER.							
NB	10 SR	.16500	0 PB	.05500	1416	1323*8535	273	1.275 +/- .019E 6		1.9 1.528 +/- 1.538E -6	Y		
MO	PEAK IS AT CHANNEL 414.46	WITH HALFWIDTH OF		7.38.	Y PEAK IS SUMMED	STARTING *46.50 CHANNELS HIGHER.							
NI	14 Y	.15200	0 0.	2221	2427*8685	290		1.402 +/- .013E 6		-4.5 -3.235 +/- 2.150E -6	ZR		
K	PEAK IS AT CHANNEL 414.46	WITH HALFWIDTH OF		7.38.	ZR PEAK IS SUMMED	STARTING *31.50 CHANNELS HIGHER.							
	0 ZR	.15900	0 0.	1888	2145*8865	306		1.962 +/- .018E 6		-5.7 -2.896 +/- 1.259E -6	NB		
	PEAK IS AT CHANNEL 414.46	WITH HALFWIDTH OF		7.38.	NB PEAK IS SUMMED	STARTING *13.50 CHANNELS HIGHER.							
	COUNT RATE CORRECTION FOR LAST ELEMENT =	I		3404	3569*9050	325		2.803 +/- .026E 6		-3.5 -1.234 +/- 1.210E -6	MO		
	FE PEAK IS AT CHANNEL 102.12	WITH HALFWIDTH OF		7.38.	MO PEAK IS SUMMED	STARTING -95.00 CHANNELS HIGHER.							
	FE PEAK IS AT CHANNEL 102.12	WITH HALFWIDTH OF		446	648*0200	124		5.452 +/- .028E 4		-4.2 -7.764 +/- 2.119E -5	NI		
	COUNT RATE CORRECTION FOR LAST ELEMENT =	I		2.75.	NI PEAK IS SUMMED	STARTING 20.00 CHANNELS HIGHER.							
	FE PEAK IS AT CHANNEL 102.12	WITH HALFWIDTH OF		1148	1140*9365	41		4.042 +/- .020E 4		.2 .415 +/- 4.030E -5	K		
	COUNT RATE CORRECTION FOR LAST ELEMENT =	I		2.75.	K PEAK IS SUMMED	STARTING -63.50 CHANNELS HIGHER.							

8033 D BUR-202 CV+ CHAVIN, AN6-18-E1-
GAMMA SPECTRUM-B 572173

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.62CHANNELS
 STD NUMBER 1 2 -572067 A SAMPLE WEIGHT = -.0. MG DEAD TIME = .82 O/O EOB = 0. MJD
 IRRADIATION TIME = .0. MIN DECAY TIME = *333.67830 DAYS COUNT TIME = 79.991 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 43333.67830 MJD PILL THICKNESS = -.0. MILS SPECTRUM BEGAN 7/ 9/1977 PST

8033 D BUR-202 CV+ CHAVIN, AN6-18-E1-5
GAMMA SPECTRUM-B 573244

THE IN (23.11 KEV) PEAK HAS A HALFWIDTH OF 7.97 CHANNELS

STD NUMBER 1 2 -572067 A SAMPLE WEIGHT = -0. MG DEAD TIME = .78 O/O EOB = 0. MJD
IRRADIATION TIME = . MIN DECAY TIME = *330.97512 DAYS COUNT TIME = 79.993 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43330.97512 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/ 6/1977 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				769672	131929	385	387		5.812	+/- .012E 5	596694.0	.103	+/- 2.930E 1	
COH				137782	46402*0412	415			1.532	+/- .008E 3	1531.4	1.000	+/- .009E -0	
FE					14896	1825*0105	104		4.042	+/- .020E 4	219.1	5.420	+/- .062E -3 FE	
CR						1110	1108*9784	84	1.980	+/- .010E 4		.0	.169	+/- 3.864E -5 CR
	FE PEAK IS AT CHANNEL	104.09	WITH HALFWIDTH OF	4.77.	CR PEAK IS SUMMED	STARTING	-21.60	CHANNELS HIGHER.						
MN	16	FE	.0120	0	CR	.11000	1664	1275*9874	94	2.619	+/- .013E 4	6.3	2.387	+/- .389E -4 MN
	FE PEAK IS AT CHANNEL	104.09	WITH HALFWIDTH OF	4.77.	MN PEAK IS SUMMED	STARTING	-12.60	CHANNELS HIGHER.						
TI				1636	1292*9604	67	3.637	+/- .018E 3			5.8	1.585	+/- .359E -3 TI	
CA				2132	1588*9434	50	1.314	+/- .007E 3			9.1	6.941	+/- .778E -3 CA	
	FE PEAK IS AT CHANNEL	104.09	WITH HALFWIDTH OF	4.77.	CA PEAK IS SUMMED	STARTING	-56.60	CHANNELS HIGHER.						
V				1134	1155*9704	76	8.891	+/- .045E 3			-.4	-3.958	+/- 8.630E -5 V	
ZN				4.77.	V PEAK IS SUMMED	STARTING	-29.60	CHANNELS HIGHER.						
	FE PEAK IS AT CHANNEL	104.09	WITH HALFWIDTH OF	2038	1588*0394	148	1.617	+/- .008E 5			7.5	4.665	+/- 1.041E -5 ZN	
CU				4.77.	ZN PEAK IS SUMMED	STARTING	39.40	CHANNELS HIGHER.						
PB				1536	1552*0284	136	1.172	+/- .006E 5			-.3	-.229	+/- 1.324E -5 CU	
	FE PEAK IS AT CHANNEL	104.09	WITH HALFWIDTH OF	4.77.	CU PEAK IS SUMMED	STARTING	28.40	CHANNELS HIGHER.						
RB				2801	3955*8090	229	8.083	+/- .041E 4			-19.3	-2.393	+/- .325E -4 PB	
	PEAK IS AT CHANNEL	414.63	WITH HALFWIDTH OF	7.15.	PB PEAK IS SUMMED	STARTING	*91.00	CHANNELS HIGHER.						
SR				12042	3526*8230	242	7.514	+/- .232E 5			142.7	1.899	+/- .070E -4 RB	
	PEAK IS AT CHANNEL	414.63	WITH HALFWIDTH OF	7.15.	RB PEAK IS SUMMED	STARTING	*77.00	CHANNELS HIGHER.						
Y				10628	3026*8390	259	9.110	+/- .138E 5			127.4	1.399	+/- .037E -4 SR	
	PEAK IS AT CHANNEL	414.63	WITH HALFWIDTH OF	7.15.	SR PEAK IS SUMMED	STARTING	*61.00	CHANNELS HIGHER.						
ZR	1405	RB	.16500	0	0.	5330	2748*8535	273	1.275	+/- .019E 6		19.7	1.546	+/- .194E -5 Y
	PEAK IS AT CHANNEL	414.63	WITH HALFWIDTH OF	7.15.	Y PEAK IS SUMMED	STARTING	*46.50	CHANNELS HIGHER.						
NB	1254	SR	.16500	0	PB	.05500	14599	5187*8685	290	1.402	+/- .013E 6	136.7	9.754	+/- .293E -5 ZR
	PEAK IS AT CHANNEL	414.63	WITH HALFWIDTH OF	7.15.	ZR PEAK IS SUMMED	STARTING	*31.50	CHANNELS HIGHER.						
MO	179	Y	.15200	0	0.	4508	3949*8865	306	1.962	+/- .018E 6		6.4	3.247	+/- 1.396E -6 NB
	PEAK IS AT CHANNEL	414.63	WITH HALFWIDTH OF	7.15.	NB PEAK IS SUMMED	STARTING	*13.50	CHANNELS HIGHER.						
NI	1297	ZR	.15900	0	0.	7828	6825*9050	326	2.803	+/- .026E 6		-4.9	-1.758	+/- 1.373E -6 MO
	PEAK IS AT CHANNEL	414.63	WITH HALFWIDTH OF	7.15.	MO PEAK IS SUMMED	STARTING	-95.00	CHANNELS HIGHER.						
K				692	696*0200	126	5.452	+/- .028E 4			-.1	-.123	+/- 1.812E -5 NI	
	FE PEAK IS AT CHANNEL	104.09	WITH HALFWIDTH OF	4.77.	NI PEAK IS SUMMED	STARTING	20.00	CHANNELS HIGHER.						
	FE PEAK IS AT CHANNEL	104.09	WITH HALFWIDTH OF	2753	1833*9365	43	4.042	+/- .020E 4			15.4	3.815	+/- .429E -4 K	
	COUNT RATE CORRECTION FOR LAST ELEMENT =	I		4.77.	K PEAK IS SUMMED	STARTING	-63.50	CHANNELS HIGHER.						

8033 E BUR-203 CV5 CHAVIN, AN6-18-A4-1
GAMMA SPECTRUM-B 572076

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.88CHANNELS
 STD NUMBER 1 2 -572067 A SAMPLE WEIGHT = -0. MG DEAD TIME = .77 0/0 EOB = 0. MJD
 IRRADIATION TIME = J. MIN DECAY TIME = *333.73444 DAYS COUNT TIME = 79.990 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 43333.73+44 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/ 9/1977 PST

8033 E BUR-203 CV₅ CHAVIN, AN6-18-A4-C
GAMMA SPECTRUM-B 573246

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 8.24CHANNELS
STD NUMBER 1 2 -572067 A SAMPLE WEIGHT = -0. MG DEAD TIME = .76 O/O EOB = 0. MJD
IRRADIATION TIME = .0. MIN DECAY TIME = *331.03525 DAYS COUNT TIME = 79.990 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43331.03525 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/ 6/1977 PST

8033 F BUR-204 CV6 CHAVIN, AN6-18-E1-U
GAMMA SPECTRUM-B 572078

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.86 CHANNELS
 STD NUMBER 1 2 -572067 A SAMPLE WEIGHT = -0. MG DEAD TIME = .65 0/0 EOB = 0. MJD
 IRRADIATION TIME = .0. MIN DECAY TIME = *333.79456 DAYS COUNT TIME = 79.992 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 43333.79456 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/ 9/1977 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS COUNTS	BKGD COUNTS	APPR PEAK	REAL PEAK X	I FLUX(N/MIN-CM ²)	CPM	ELEMENT	ELEMENT
	COUNTS EL	MULT	COUNTS EL	MULT								
INCOH					650006	118341	385	387	5.812 +/- .012E 5	490616.0	.084 +/- 2.760E 1	OL
COH					116982	37816*0412	415		1.532 +/- .008E 3	1613.6	1.054 +/- .009E 0	
FE					12295	1570*0105	104		4.042 +/- .020E 4	218.6	5.409 +/- .067E -3	FE
CR					934	935*9784	85		1.980 +/- .010E 4	-0.	-.103 +/- 4.316E -5	CR
MN	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF 13 FE .00120	0 CR .11000			4.73.	CR PEAK IS SUMMED STARTING -21.60 CHANNELS HIGHER.						
TI	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				1457	1092*9874	94		2.619 +/- .013E 4	7.2	2.741 +/- .438E -4	MN
CA	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				4.73.	MN PEAK IS SUMMED STARTING -12.60 CHANNELS HIGHER.						
V	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				1407	1144*9604	67		3.637 +/- .018E 3	5.4	1.474 +/- .415E -3	TI
ZN	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				4.73.	TI PEAK IS SUMMED STARTING -39.60 CHANNELS HIGHER.						
CU	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				1824	1374*9434	50		1.314 +/- .007E 3	9.2	6.983 +/- .877E -3	CA
PB	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				4.73.	CA PEAK IS SUMMED STARTING -56.60 CHANNELS HIGHER.						
RB	PEAK IS AT CHANNEL 414.97 WITH HALFWIDTH OF				997	1007*9704	77		8.891 +/- .045E 3	-.2	-2.292 +/- 9.822E -5	V
SR	PEAK IS AT CHANNEL 414.97 WITH HALFWIDTH OF				4.73.	V PEAK IS SUMMED STARTING -29.60 CHANNELS HIGHER.						
Y	1228 RB .16500	0 0.			1655	1395*0394	148		1.617 +/- .008E 5	5.3	3.278 +/- 1.174E -5	ZN
ZR	PEAK IS AT CHANNEL 414.97 WITH HALFWIDTH OF				4.73.	ZN PEAK IS SUMMED STARTING 39.40 CHANNELS HIGHER.						
NB	1112 SR .16500	0 PB .05500			1368	1279*0284	137		1.172 +/- .006E 5	1.8	1.548 +/- 1.471E -5	CU
MO	PEAK IS AT CHANNEL 414.97 WITH HALFWIDTH OF				4.73.	CU PEAK IS SUMMED STARTING 28.40 CHANNELS HIGHER.						
NI	135 Y .15200	0 0.			2458	3427*8090	229		8.083 +/- .041E 4	-19.8	-2.443 +/- .368E -4	PB
K	PEAK IS AT CHANNEL 414.97 WITH HALFWIDTH OF				7.22.	PB PEAK IS SUMMED STARTING *91.00 CHANNELS HIGHER.						
	PEAK IS AT CHANNEL 414.97 WITH HALFWIDTH OF				10333	2890*8230	242		7.514 +/- .232E 5	151.7	2.019 +/- .075E -4	RB
	PEAK IS AT CHANNEL 414.97 WITH HALFWIDTH OF				7.22.	RB PEAK IS SUMMED STARTING *77.00 CHANNELS HIGHER.						
	1086 ZR .15900	0 0.			9174	2432*8390	259		9.110 +/- .138E 5	137.4	1.508 +/- .041E -4	SR
	PEAK IS AT CHANNEL 414.97 WITH HALFWIDTH OF				7.22.	SR PEAK IS SUMMED STARTING *61.00 CHANNELS HIGHER.						
	1228 RB .16500	0 0.			4416	2302*8535	273		1.275 +/- .019E 6	18.1	1.416 +/- .215E -5	Y
	PEAK IS AT CHANNEL 414.97 WITH HALFWIDTH OF				7.22.	Y PEAK IS SUMMED STARTING *46.50 CHANNELS HIGHER.						
	1112 SR .16500	0 PB .05500			12468	4527*8685	290		1.402 +/- .013E 6	139.2	9.930 +/- .329E -5	ZR
	PEAK IS AT CHANNEL 414.97 WITH HALFWIDTH OF				7.22.	ZR PEAK IS SUMMED STARTING *31.50 CHANNELS HIGHER.						
	135 Y .15200	0 0.			3748	3371*8865	306		1.962 +/- .018E 6	4.9	2.517 +/- 1.565E -6	NB
	PEAK IS AT CHANNEL 414.97 WITH HALFWIDTH OF				7.22.	NB PEAK IS SUMMED STARTING *13.50 CHANNELS HIGHER.						
	1086 ZR .15900	0 0.			6661	5711*9050	326		2.803 +/- .026E 6	-2.8	-.987 +/- 1.526E -6	MO
	PEAK IS AT CHANNEL 414.97 WITH HALFWIDTH OF				7.22.	MO PEAK IS SUMMED STARTING -95.00 CHANNELS HIGHER.						
	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				547	592*0200	126		5.452 +/- .028E 4	-.9	-1.682 +/- 2.018E -5	NI
	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				4.73.	NI PEAK IS SUMMED STARTING 20.00 CHANNELS HIGHER.						
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				2257	1665*9365	43		4.042 +/- .020E 4	12.1	2.986 +/- .492E -4	K
	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				4.73.	K PEAK IS SUMMED STARTING -63.50 CHANNELS HIGHER.						

8033 G BUR-205 CV7 CHAVIN, AN6-18-A4-C
GAMMA SPECTRUM-B 572080

THE IN {23.11KEV} PEAK HAS A HALFWIDTH OF 7.90 CHANNELS
STD NUMBER 1 2 -572067 A SAMPLE WEIGHT = -0. MG DEAD TIME = .77 0/0 EOB = 0. MJD
IRRADIATION TIME = . MIN DECAY TIME = *333.84662 DAYS COUNT TIME = 79.990 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43333.84662 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/ 9/1977 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					760859	138922	385	387	5.812 +/- .012E 5	580888.0	.100 +/- 2.991E 1		
COH					136966	44996*0412	415		1.532 +/- .008E 3	1583.3	1.034 +/- .009E 0		
FE					14788	1755*0105	104		4.042 +/- .020E 4	224.4	5.551 +/- .063E -3	FE	
CR					1061	1049*9784	85		1.980 +/- .010E 4	.2	1.043 +/- 3.869E -5	CR	
MN	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF 16 FE .00120	1 CR .11000			4.60.	CR PEAK IS SUMMED STARTING -21.60 CHANNELS HIGHER.							MN
TI	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				1713	1229*9874	94		2.619 +/- .013E 4	8.0	3.070 +/- .398E -4		
CA	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				1633	1406*9604	67		3.637 +/- .018E 3	3.9	1.074 +/- .385E -3	TI	
V	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				2132	1608*9434	50		1.314 +/- .007E 3	9.0	6.868 +/- .802E -3	CA	
ZN	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				1119	1159*9704	77		8.891 +/- .045E 3	-.7	-7.744 +/- 8.841E -5	V	
CU	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				1907	1668*0394	148		1.617 +/- .008E 5	4.1	2.545 +/- 1.081E -5	ZN	
PB	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				1521	1392*0284	137		1.172 +/- .006E 5	2.2	1.895 +/- 1.301E -5	CU	
RB	PEAK IS AT CHANNEL 414.96 WITH HALFWIDTH OF				2830	4043*8090	229		8.083 +/- .041E 4	-20.9	-2.583 +/- .337E -4	PB	
SR	PEAK IS AT CHANNEL 414.96 WITH HALFWIDTH OF				12142	3490*8230	242		7.514 +/- .232E 5	148.9	1.982 +/- .073E -4	RB	
Y	1428 RB .16500	0 0.			10702	2826*8390	259		7.35. RB PEAK IS SUMMED STARTING *77.00 CHANNELS HIGHER.				
ZR	PEAK IS AT CHANNEL 414.96 WITH HALFWIDTH OF 1300 SR .16500	0 PB .05500			5122	2677*8535	273		9.110 +/- .138E 5	135.6	1.488 +/- .038E -4	SR	
NB	PEAK IS AT CHANNEL 414.96 WITH HALFWIDTH OF 155 Y .15200	0 0.			14615	5178*8685	290		7.35. SR PEAK IS SUMMED STARTING *61.00 CHANNELS HIGHER.				
MO	PEAK IS AT CHANNEL 414.96 WITH HALFWIDTH OF 1294 ZR .15900	0 0.			4404	3646*8865	306		1.402 +/- .013E 6	140.1	9.995 +/- .301E -5	ZR	
NI	PEAK IS AT CHANNEL 414.96 WITH HALFWIDTH OF				7637	6929*9050	326		7.35. NB PEAK IS SUMMED STARTING *13.50 CHANNELS HIGHER.				
K	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				649	596*0200	126		2.803 +/- .026E 6	-10.1	-3.598 +/- 1.415E -6	MO	
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				4.60.	NI PEAK IS SUMMED STARTING 20.00 CHANNELS HIGHER.			5.452 +/- .028E 4	.9	1.673 +/- 1.739E -5	NI	
	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				2792	1754*9365	43		4.042 +/- .020E 4	17.9	4.421 +/- .432E -4	K	
					4.60.	K PEAK IS SUMMED STARTING -63.50 CHANNELS HIGHER.							

8033 G BUR-205 CV7 CHAVIN, AN6-18-A4-1
GAMMA SPECTRUM-B 573251

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 8.06CHANNELS
STD NUMBER 1 2 -572067 A SAMPLE WEIGHT = -0. MG DEAD TIME = .78 0/0 EOB = 0. MJD
IRRADIATION TIME = . MIN DECAY TIME = *331.14747 DAYS COUNT TIME = 79.990 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43331.14747 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/ 6/1977 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS	BKGD	APPR	REAL	I	FLUX(IN/MIN-CM2)	CPM	ELEMENT	ELEMENT
	COUNTS	EL	MULT	COUNTS	EL	MULT	COUNTS	COUNTS	PEAK	PEAK	X	EOB	ABUNDANCE
INCOH				739919	132728	385	387		5.812	+/- .012E 5	5566142.0	.097	+/- 2.924E 1
COH				133819	44734*0412	415			1.532	+/- .008E 3	1573.5	1.027	+/- .009E 0
FE				14242	1769*0105	104			4.042	+/- .020E 4	220.3	5.451	+/- .064E -3 FE
CR				1090	1051*9784	85			1.980	+/- .010E 4		.7	3.478 +/-. 4.013E -5 CR
MN	FE PEAK IS AT CHANNEL 104.19 WITH HALFWIDTH OF 15 FE	.00120	4 CR	.11000	1676	1210*9874	94		2.619	+/- .013E 4	7.9	3.013	+/- .405E -4 MN
TI	FE PEAK IS AT CHANNEL 104.19 WITH HALFWIDTH OF				4.81.	CR PEAK IS SUMMED STARTING	-21.60	CHANNELS HIGHER.					
CA	FE PEAK IS AT CHANNEL 104.19 WITH HALFWIDTH OF				4.81.	MN PEAK IS SUMMED STARTING	-12.60	CHANNELS HIGHER.					
V	FE PEAK IS AT CHANNEL 104.19 WITH HALFWIDTH OF				1551	1371*9604	67		3.637	+/- .018E 3	3.2	8.741	+/- 3.894E -4 TI
ZN	FE PEAK IS AT CHANNEL 104.19 WITH HALFWIDTH OF				4.81.	TI PEAK IS SUMMED STARTING	-39.60	CHANNELS HIGHER.					
CU	FE PEAK IS AT CHANNEL 104.19 WITH HALFWIDTH OF				2102	1596*9434	50		1.314	+/- .007E 3	8.9	6.804	+/- .818E -3 CA
PB	FE PEAK IS AT CHANNEL 104.19 WITH HALFWIDTH OF				4.81.	CA PEAK IS SUMMED STARTING	-56.60	CHANNELS HIGHER.					
RB	PEAK IS AT CHANNEL 414.74 WITH HALFWIDTH OF				1087	1097*9704	77		8.891	+/- .045E 3		-.2	-1.987 +/-. 8.888E -5 V
SR	PEAK IS AT CHANNEL 414.74 WITH HALFWIDTH OF				4.81.	V PEAK IS SUMMED STARTING	-29.60	CHANNELS HIGHER.					
Y	PEAK IS AT CHANNEL 414.74 WITH HALFWIDTH OF 1405 RB	.16500	0	0.	1841	1686*0394	148		1.617	+/- .008E 5	2.7	1.694	+/- 1.112E -5 ZN
ZR	PEAK IS AT CHANNEL 414.74 WITH HALFWIDTH OF 1248 SR	.16500	0	PB .05500	14116	5104*8685	290		1.402	+/- .013E 6	137.1	9.785	+/- .304E -5 ZR
NB	PEAK IS AT CHANNEL 414.74 WITH HALFWIDTH OF 136 Y	.15200	0	0.	7.20.	ZR PEAK IS SUMMED STARTING	*31.50	CHANNELS HIGHER.					
MO	PEAK IS AT CHANNEL 414.74 WITH HALFWIDTH OF 1234 ZR	.15900	0	0.	4269	3668*8865	306		1.962	+/- .018E 6	8.2	4.188	+/- 1.422E -6 NB
NI	PEAK IS AT CHANNEL 414.74 WITH HALFWIDTH OF				7.20.	NB PEAK IS SUMMED STARTING	*13.50	CHANNELS HIGHER.					
K	FE PEAK IS AT CHANNEL 104.19 WITH HALFWIDTH OF				7533	6725*9050	326		2.803	+/- .026E 6		-7.5	-2.687 +/-. 1.431E -6 MO
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				660	636*0200	126		5.452	+/- .028E 4		.4	.778 +/-. 1.834E -5 NI
	FE PEAK IS AT CHANNEL 104.19 WITH HALFWIDTH OF				4.81.	NI PEAK IS SUMMED STARTING	20.00	CHANNELS HIGHER.					
					2528	1859*9365	43		4.042	+/- .020E 4	11.8	2.924	+/- .451E -4 K
	FE PEAK IS AT CHANNEL 104.19 WITH HALFWIDTH OF				4.81.	K PEAK IS SUMMED STARTING	-63.50	CHANNELS HIGHER.					

8033 H BUR-206 CV8 CHAVIN, AN6-18-A3-C
GAMMA SPECTRUM-B 572082

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.85 CHANNELS
STD NUMBER 1 2 -572067 A SAMPLE WEIGHT = -0. MG DEAD TIME = .66 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = *333.90675 DAYS COUNT TIME = 79.992 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43333.90675 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/ 9/1977 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS COUNTS	BKGD COUNTS	APPR PEAK	REAL PEAK	I X	FLUX (N/MIN-CM ²)	CPM	ELEMENT	ELEMENT	
	COUNTS	EL	MULT	COUNTS										
INCOH					662454	118676	385	387	5.812 +/- .012E 5	502729.0	.086 +/- 2.771E 1			
COH					119328	39299*0412	415		1.532 +/- .008E 3	1591.9	1.039 +/- .009E 0			
FE					12479	1433*0105	104		4.042 +/- .020E 4	219.7	5.436 +/- .066E -3	FE		
CR					1005	911*9784	85		1.980 +/- .010E 4	1.9	9.442 +/- 4.265E -5	CR		
MN	FE PEAK IS AT CHANNEL 104.23 WITH HALFWIDTH OF 13 FE .00120	10 CR .11000			4.79.	CR PEAK IS SUMMED STARTING 4.79. CR PEAK IS SUMMED STARTING	-21.60 CHANNELS HIGHER.							
TI	FE PEAK IS AT CHANNEL 104.23 WITH HALFWIDTH OF				1443	1057*9874	94	2.619 +/- .013E 4	7.2	2.753 +/- .426E -4	MN			
CA	FE PEAK IS AT CHANNEL 104.23 WITH HALFWIDTH OF				4.79.	MN PEAK IS SUMMED STARTING 4.79. MN PEAK IS SUMMED STARTING	-12.60 CHANNELS HIGHER.							
V	FE PEAK IS AT CHANNEL 104.23 WITH HALFWIDTH OF				1415	1217*9604	67	3.637 +/- .018E 3	3.9	1.083 +/- .412E -3	TI			
ZN	FE PEAK IS AT CHANNEL 104.23 WITH HALFWIDTH OF				4.79.	TI PEAK IS SUMMED STARTING 4.79. TI PEAK IS SUMMED STARTING	-39.60 CHANNELS HIGHER.							
CU	FE PEAK IS AT CHANNEL 104.23 WITH HALFWIDTH OF				1947	1429*9434	50	1.314 +/- .007E 3	10.3	7.844 +/- .880E -3	CA			
PB	PEAK IS AT CHANNEL 414.97 WITH HALFWIDTH OF				4.79.	CA PEAK IS SUMMED STARTING 4.79. CA PEAK IS SUMMED STARTING	-56.60 CHANNELS HIGHER.							
RB	PEAK IS AT CHANNEL 414.97 WITH HALFWIDTH OF				1031	999*9704	77	8.891 +/- .045E 3	.6	7.159 +/- 9.658E -5	V			
SR	PEAK IS AT CHANNEL 414.97 WITH HALFWIDTH OF				4.79.	V PEAK IS SUMMED STARTING 4.79. V PEAK IS SUMMED STARTING	-29.60 CHANNELS HIGHER.							
Y	1189 RB .16500	0 0.			1711	1410*0394	148	1.617 +/- .008E 5	6.0	3.704 +/- 1.156E -5	ZN			
ZR	PEAK IS AT CHANNEL 414.97 WITH HALFWIDTH OF 1076 SR .16500	0 PB .05500			4.79.	ZN PEAK IS SUMMED STARTING 4.79. ZN PEAK IS SUMMED STARTING	39.40 CHANNELS HIGHER.							
NB	PEAK IS AT CHANNEL 414.97 WITH HALFWIDTH OF 116 Y .15200	0 0.			1313	1200*0284	137	1.172 +/- .006E 5	2.2	1.918 +/- 1.395E -5	CU			
MO	PEAK IS AT CHANNEL 414.97 WITH HALFWIDTH OF 1099 ZR .15900	0 0.			4.79.	CU PEAK IS SUMMED STARTING 4.79. CU PEAK IS SUMMED STARTING	28.40 CHANNELS HIGHER.							
NI	PEAK IS AT CHANNEL 414.97 WITH HALFWIDTH OF				2460	3493*8090	229	8.083 +/- .041E 4	-20.5	-2.542 +/- .362E -4	PB			
K	FE PEAK IS AT CHANNEL 104.23 WITH HALFWIDTH OF				7.34.	PB PEAK IS SUMMED STARTING 7.34. PB PEAK IS SUMMED STARTING	*91.00 CHANNELS HIGHER.							
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				10244	3038*8230	242	7.514 +/- .232E 5	143.3	1.908 +/- .072E -4	RB			
					7.34.	RB PEAK IS SUMMED STARTING 7.34. RB PEAK IS SUMMED STARTING	*77.00 CHANNELS HIGHER.							
					9040	2518*8390	259	9.110 +/- .138E 5	129.7	1.424 +/- .039E -4	SR			
					7.34.	SR PEAK IS SUMMED STARTING 7.34. SR PEAK IS SUMMED STARTING	*61.00 CHANNELS HIGHER.							
					4374	2422*8535	273	1.275 +/- .019E 6	15.2	1.190 +/- .213E -5	Y			
					7.34.	Y PEAK IS SUMMED STARTING 7.34. Y PEAK IS SUMMED STARTING	*46.50 CHANNELS HIGHER.							
					3856	3085*8865	306	1.962 +/- .018E 6	13.0	6.640 +/- 1.479E -6	NB			
					7.34.	NB PEAK IS SUMMED STARTING 7.34. NB PEAK IS SUMMED STARTING	*13.50 CHANNELS HIGHER.							
					6633	5896*9050	326	2.803 +/- .026E 6	-7.2	-2.569 +/- 1.510E -6	MO			
					7.34.	MO PEAK IS SUMMED STARTING 7.34. MO PEAK IS SUMMED STARTING	-95.00 CHANNELS HIGHER.							
					580	536*0200	126	5.452 +/- .028E 4	.9	1.605 +/- 1.904E -5	NI			
					4.79.	NI PEAK IS SUMMED STARTING 4.79. NI PEAK IS SUMMED STARTING	20.00 CHANNELS HIGHER.							
					2404	1679*9365	43	4.042 +/- .020E 4	14.4	3.568 +/- .485E -4	K			
					4.79.	K PEAK IS SUMMED STARTING 4.79. K PEAK IS SUMMED STARTING	-63.50 CHANNELS HIGHER.							

8033 H BUR-206 CV8 CHAVIN, AN6-18-A3-C
GAMMA SPECTRUM-B 573253

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.88 CHANNELS
 STD NUMBER 1 2 -572067 A SAMPLE WEIGHT = -0. MG DEAD TIME = .73 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = *331.19958 DAYS COUNT TIME = 79.991 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 43331.19958 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/ 6/1977 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					711381	128096	385	387	5.812 +/- .012E 5	542236.0	.093 +/- 2.876E 1		
COH					128513	41027*0412	415		1.532 +/- .008E 3	1613.4	1.053 +/- .009E 0		
FE					13573	1748*0105	104		4.042 +/- .020E 4	218.1	5.396 +/- .065E -3	FE	
CR					968	1053*9784	85		1.980 +/- .010E 4	-1.6	-7.916 +/- 4.057E -5	CR	
MN	FE PEAK IS AT CHANNEL 104.17 WITH HALFWIDTH OF 14 FE .00120	O CR .11000			1520	1250*9874	94		2.619 +/- .013E 4	4.7	1.801 +/- .416E -4	MN	
TI	FE PEAK IS AT CHANNEL 104.17 WITH HALFWIDTH OF				1440	1248*9604	67		3.637 +/- .018E 3	3.5	9.735 +/- 3.866E -4	TI	
CA	FE PEAK IS AT CHANNEL 104.17 WITH HALFWIDTH OF				2109	1530*9434	50		1.314 +/- .007E 3	10.7	8.129 +/- .847E -3	CA	
V	FE PEAK IS AT CHANNEL 104.17 WITH HALFWIDTH OF				1066	1084*9704	77		8.891 +/- .045E 3	-.3	-3.733 +/- 9.205E -5	V	
ZN	FE PEAK IS AT CHANNEL 104.17 WITH HALFWIDTH OF				1782	1457*0394	148		1.617 +/- .008E 5	6.0	3.708 +/- 1.087E -5	ZN	
CU	FE PEAK IS AT CHANNEL 104.17 WITH HALFWIDTH OF				1472	1319*0284	137		1.172 +/- .006E 5	2.8	2.407 +/- 1.352E -5	CU	
PB	PEAK IS AT CHANNEL 414.86 WITH HALFWIDTH OF				2697	3883*8090	229		8.083 +/- .041E 4	-21.9	-2.706 +/- .354E -4	PB	
RB	PEAK IS AT CHANNEL 414.86 WITH HALFWIDTH OF				7.11.	PB PEAK IS SUMMED STARTING *91.00 CHANNELS HIGHER.							
SR	PEAK IS AT CHANNEL 414.86 WITH HALFWIDTH OF				11125	3387*8230	242		7.514 +/- .232E 5	142.7	1.899 +/- .071E -4	RB	
Y	1277 RB .16500	0 0.			7.11.	RB PEAK IS SUMMED STARTING *77.00 CHANNELS HIGHER.							
ZR	PEAK IS AT CHANNEL 414.86 WITH HALFWIDTH OF 1152 SR .16500	0 PB .05500			9746	2767*8390	259		9.110 +/- .138E 5	128.7	1.413 +/- .038E -4	SR	
NB	PEAK IS AT CHANNEL 414.86 WITH HALFWIDTH OF 173 Y .15200	0 0.			7.11.	SR PEAK IS SUMMED STARTING *61.00 CHANNELS HIGHER.							
MO	PEAK IS AT CHANNEL 414.86 WITH HALFWIDTH OF 1198 ZR .15900	0 0.			4778	2361*8535	273		1.275 +/- .019E 6	21.0	1.649 +/- .199E -5	Y	
NI	PEAK IS AT CHANNEL 414.86 WITH HALFWIDTH OF				7.11.	Y PEAK IS SUMMED STARTING *46.50 CHANNELS HIGHER.							
K	FE PEAK IS AT CHANNEL 104.17 WITH HALFWIDTH OF				13281	4592*8685	290		1.402 +/- .013E 6	139.0	9.918 +/- .304E -5	ZR	
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				7.11.	ZR PEAK IS SUMMED STARTING *31.50 CHANNELS HIGHER.							
					4225	3520*8865	306		1.962 +/- .018E 6	9.8	4.997 +/- 1.457E -6	NB	
					7276	6402*9050	326		2.803 +/- .026E 6	-6.0	-2.135 +/- 1.456E -6	MO	
					655	680*0200	126		5.452 +/- .028E 4	-.5	-.846 +/- 1.965E -5	NI	
					4.47.	NI PEAK IS SUMMED STARTING 20.00 CHANNELS HIGHER.							
					2585	1805*9365	43		4.042 +/- .020E 4	14.4	3.559 +/- .467E -4	K	
					4.47.	K PEAK IS SUMMED STARTING -63.50 CHANNELS HIGHER.							

8033 I BUR-207 CV9 CHAVIN, AN6-18-E1-1
GAMMA SPECTRUM-B 572084

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.99 CHANNELS
STD NUMBER 1 2 -572067 A SAMPLE WEIGHT = -0. MG DEAD TIME = .65 0/0 EOB = 0. MJD
IRRADIATION TIME =). MIN DECAY TIME = *333.95882 DAYS COUNT TIME = 79.990 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43333.95882 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/ 9/1977 PST

8033 I BUR-207 CV9 CHAVIN, AN6-18-E1-L
GAMMA SPECTRUM-B 573255

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 8.17 CHANNELS
STD NUMBER 1 2 -572067 A SAMPLE WEIGHT = -0. MG DEAD TIME = .67 0/0 EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = *331.25568 DAYS COUNT TIME = 79.991 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43331.25568 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/ 6/1977 PST

8033 J BUR-208 CVLO CHAVIN, AN6-18-A3-C
GAMMA SPECTRUM-B 573257

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 8.10CHANNELS
 STD NUMBER 1 2 -572067 A SAMPLE WEIGHT = -0. MG DEAD TIME = .70 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = *331.31574 DAYS COUNT TIME = 79.990 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 43331.31574 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/ 6/1977 PST

8033 K BUR-209 CV11 CHAVIN, AN6-18-D2-1
GAMMA SPECTRUM-B 573260

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.82 CHANNELS
 STD NUMBER 1 2 -572067 A SAMPLE WEIGHT = -0. MG DEAD TIME = .79 O/O EOB = 0. MJD
 IRRADIATION TIME = .0. MIN DECAY TIME = *331.36785 DAYS COUNT TIME = 79.991 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 43331.36785 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/ 7/1977 PST

8033 L BUR-210 CVL 2 CHAVIN, AN6-18-02-1
GAMMA SPECTRUM-B 573262

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.78CHANNELS
STD NUMBER 1 2 -572067 A SAMPLE WEIGHT = -0. MG DEAD TIME = .71 0/0 EOB = 0. MJD
IRRADIATION TIME = J. MIN DECAY TIME = *331.42798 DAYS COUNT TIME = 79.991 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43331.42798 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/7/1977 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS COUNTS	BKGD COUNTS	APPR PEAK	REAL PEAK	I X	FLUX(N/MIN-CM2)		CPM EOB	ELEMENT	ELEMENT	
	COUNTS	EL	MULT	COUNTS	EL	MULT									
INCOH				698048	120294	385	387		5.812 +/- .012E 5	536705.0	.092 +/- 2.800E 1		ABUNDANCE		
COH				123067	40196*0412	412	415		1.532 +/- .008E 3	1544.1	1.008 +/- .009E 0				
FE				13356	1681*0105	105	104		4.042 +/- .020E 4	217.5	5.382 +/- .065E -3	FE			
CR				985	1046*9784	85			1.980 +/- .010E 4	-1.1	-5.739 +/- 4.108E -5	CR			
MN	FE PEAK IS AT CHANNEL 104.19 WITH HALFWIDTH OF 14 FE	.0120	0 CR	.11000	4.62.	CR PEAK IS SUMMED STARTING 4.62.	-21.60 CHANNELS	HIGHER.							
TI	FE PEAK IS AT CHANNEL 104.19 WITH HALFWIDTH OF			1623	1195*9874	94			2.619 +/- .013E 4	7.7	2.945 +/- .422E -4	MN			
CA	FE PEAK IS AT CHANNEL 104.19 WITH HALFWIDTH OF			1528	1322*9604	67			3.637 +/- .018E 3	3.8	1.055 +/- .403E -3	TI			
V	FE PEAK IS AT CHANNEL 104.19 WITH HALFWIDTH OF			2041	1455*9434	50			1.314 +/- .007E 3	10.9	8.312 +/- .840E -3	CA			
ZN	FE PEAK IS AT CHANNEL 104.19 WITH HALFWIDTH OF			1072	1094*9704	77			8.891 +/- .045E 3	-4	-4.610 +/- 9.333E -5	V			
CU	FE PEAK IS AT CHANNEL 104.19 WITH HALFWIDTH OF			1763	1553*0394	148			1.617 +/- .008E 5	3.9	2.420 +/- 1.127E -5	ZN			
PB	PEAK IS AT CHANNEL 414.97 WITH HALFWIDTH OF			1432	1199*0284	137			1.172 +/- .006E 5	4.3	3.704 +/- 1.317E -5	CU			
RB	PEAK IS AT CHANNEL 414.97 WITH HALFWIDTH OF			2712	3883*8090	229			8.083 +/- .041E 4	-21.8	-2.699 +/- .358E -4	PB			
SR	PEAK IS AT CHANNEL 414.97 WITH HALFWIDTH OF 1286 RB	.16500	0	0.	7.16.	PB PEAK IS SUMMED STARTING *91.00 CHANNELS	HIGHER.								
Y	PEAK IS AT CHANNEL 414.97 WITH HALFWIDTH OF			10846	3054*8230	242			7.514 +/- .232E 5	145.2	1.932 +/- .072E -4	RB			
ZR	1087 SR	.16500	0 PB	.05500	7.16.	RB PEAK IS SUMMED STARTING *77.00 CHANNELS	HIGHER.								
NB	PEAK IS AT CHANNEL 414.97 WITH HALFWIDTH OF 113 Y	.15200	0	0.	9290	2703*8390	259			9.110 +/- .138E 5	122.7	1.347 +/- .038E -4	SR		
MO	PEAK IS AT CHANNEL 414.97 WITH HALFWIDTH OF 1124 ZR	.15900	0	0.	7.16.	SR PEAK IS SUMMED STARTING *61.00 CHANNELS	HIGHER.								
NI	FE PEAK IS AT CHANNEL 104.19 WITH HALFWIDTH OF			4546	2514*8535	273			1.275 +/- .019E 6	13.9	1.090 +/- .204E -5	Y			
K	FE PEAK IS AT CHANNEL 104.19 WITH HALFWIDTH OF			12949	4790*8685	290			1.402 +/- .013E 6	131.8	9.401 +/- .309E -5	ZR			
	COUNT RATE CORRECTION FOR LAST ELEMENT = I			3997	3559*8865	306			1.962 +/- .018E 6	6.0	3.082 +/- 1.472E -6	NB			

8033 M BUR-211 CV13 CHAVIN, AN6-18-D2-M
GAMMA SPECTRUM-B 573264

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 8.26CHANNELS
STD NUMBER 1 2 -572067 A SAMPLE WEIGHT = -0. MG DEAD TIME = .68 O/O EOB = 0. MJD
IRRADIATION TIME = . MIN DECAY TIME = *331.48007 DAYS COUNT TIME = 79.990 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43331.48007 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/ 7/1977 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		
INCCH				666357	114866	385	388		5.812	+/- .012E 5	510442.0	.088	+/- 2.733E 1		
COH				121685	39405*0412	415			1.532	+/- .008E 3	1611.9	1.052	+/- .009E 0		
FE				12623	1561*0105	104			4.042	+/- .020E 4	216.7	5.362	+/- .066E -3 FE		
CR				943	966*9784	85			1.980	+/- .010E 4	-5	-2.275	+/- 4.188E -5 CR		
	FE PEAK IS AT CHANNEL	104.21	WITH HALFWIDTH OF	4.79.	CR PEAK IS SUMMED						-21.60 CHANNELS HIGHER.				
MN	13 FE	.00120	0 CR	.11000	1460	1112*9874	94		2.619	+/- .013E 4	6.6	2.504	+/- .424E -4 MN		
TI	FE PEAK IS AT CHANNEL	104.21	WITH HALFWIDTH OF	4.79.	MN PEAK IS SUMMED						-12.60 CHANNELS HIGHER.				
CA	FE PEAK IS AT CHANNEL	104.21	WITH HALFWIDTH OF	4.79.	TI PEAK IS SUMMED						-39.60 CHANNELS HIGHER.				
V	FE PEAK IS AT CHANNEL	104.21	WITH HALFWIDTH OF	4.79.	CA PEAK IS SUMMED						-56.60 CHANNELS HIGHER.				
ZN	FE PEAK IS AT CHANNEL	104.21	WITH HALFWIDTH OF	4.79.	V PEAK IS SUMMED						-29.60 CHANNELS HIGHER.				
CU	FE PEAK IS AT CHANNEL	104.21	WITH HALFWIDTH OF	4.79.	ZN PEAK IS SUMMED						-39.40 CHANNELS HIGHER.				
PB	PEAK IS AT CHANNEL	414.94	WITH HALFWIDTH OF	7.43.	CU PEAK IS SUMMED						-1.3	-1.070	+/- 1.449E -5 CU		
RB	PEAK IS AT CHANNEL	414.94	WITH HALFWIDTH OF	7.43.	PB PEAK IS SUMMED						-22.2	-2.751	+/- .367E -4 PB		
SR	PEAK IS AT CHANNEL	414.94	WITH HALFWIDTH OF	7.43.	RB PEAK IS SUMMED						150.3	2.000	+/- .074E -4 RB		
Y	1266 RB	.16500	0	0.	10645	2974*8230	242		7.514	+/- .232E 5	131.9	1.448	+/- .039E -4 SR		
ZR	PEAK IS AT CHANNEL	414.94	WITH HALFWIDTH OF	7.43.	SR PEAK IS SUMMED						9.110	+/- .138E 5	21.2	1.666	+/- .209E -5 Y
NB	1111 SR	.16500	0 PB	.05500	12881	4128*8685	290		1.402	+/- .013E 6	149.7	1.068	+/- .031E -4 ZR		
MO	PEAK IS AT CHANNEL	414.94	WITH HALFWIDTH OF	7.43.	ZR PEAK IS SUMMED						1.962	+/- .018E 6	14.5	7.370	+/- 1.442E -6 NB
NI	165 Y	.15200	0	0.	3900	2997*8865	306		2.803	+/- .026E 6	-5.7	-2.020	+/- 1.471E -6 MO		
K	PEAK IS AT CHANNEL	414.94	WITH HALFWIDTH OF	7.43.	NB PEAK IS SUMMED						7.43.	MO PEAK IS SUMMED			
	FE PEAK IS AT CHANNEL	104.21	WITH HALFWIDTH OF	4.79.	STARTING *13.50 CHANNELS HIGHER.										
	FE PEAK IS AT CHANNEL	104.21	WITH HALFWIDTH OF	4.79.	STARTING *31.50 CHANNELS HIGHER.										
	COUNT RATE CORRECTION FOR LAST ELEMENT =	I			2492	1712*9365	43		4.042	+/- .020E 4	15.3	3.781	+/- .483E -4 K		

8033 O BUR-213 CV15 CHAVIN, AN6-18-A3-C
GAMMA SPECTRUM-B 573269

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.84 CHANNELS
STD NUMBER 1 2 -572067 A SAMPLE WEIGHT = -0. MG DEAD TIME = .68 0/0 EOB = 0. MJD
IRRADIATION TIME = . MIN DECAY TIME = *331.59620 DAYS COUNT TIME = 79.993 MIN C/SEC BEG. = 0 C/SEC END = 0.
START TIME = 43331.59620 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/ 7/1977 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					700232	124920	385	387	5.812 +/- .012E 5	534263.0	.092 +/- 2.844E 1		
COH					124723	40639*0412	415		1.532 +/- .008E 3	1573.8	1.028 +/- .009E 0		
FE					11032	1566*0105	104		4.042 +/- .020E 4	177.2	4.384 +/- .058E -3	FE	
CR					947	982*9784	85		1.980 +/- .010E 4	-7	-3.308 +/- 4.020E -5	CR	
MN	FE PEAK IS AT CHANNEL 104.32 WITH HALFWIDTH OF 11 FE	.0120	0 CR	.11000	1646	1122*9874	94	2.619 +/- .013E 4	9.6	3.664 +/- .418E -4	MN		
TI	FE PEAK IS AT CHANNEL 104.32 WITH HALFWIDTH OF				1349	1225*9604	67	3.637 +/- .018E 3	2.3	6.381 +/- 3.851E -4	TI		
CA	FE PEAK IS AT CHANNEL 104.32 WITH HALFWIDTH OF				2019	1386*9434	50	1.314 +/- .007E 3	11.8	9.020 +/- .832E -3	CA		
V	FE PEAK IS AT CHANNEL 104.32 WITH HALFWIDTH OF				1028	1043*9704	77	8.891 +/- .045E 3	-.3	-3.158 +/- 9.170E -5	V		
ZN	FE PEAK IS AT CHANNEL 104.32 WITH HALFWIDTH OF				1835	1536*0394	148	1.617 +/- .008E 5	5.6	3.462 +/- 1.130E -5	ZN		
CU	FE PEAK IS AT CHANNEL 104.32 WITH HALFWIDTH OF				1371	1268*0284	137	1.172 +/- .006E 5	1.9	1.645 +/- 1.350E -5	CU		
PB	PEAK IS AT CHANNEL 415.08 WITH HALFWIDTH OF				2574	3394*8090	229	8.083 +/- .041E 4	-15.3	-1.899 +/- .338E -4	PB		
RB	PEAK IS AT CHANNEL 415.08 WITH HALFWIDTH OF				10159	2746*8230	242	7.514 +/- .232E 5	138.8	1.847 +/- .068E -4	RB		
SR	PEAK IS AT CHANNEL 415.08 WITH HALFWIDTH OF				6632	2373*8390	259	9.110 +/- .138E 5	79.7	8.751 +/- .317E -5	SR		
Y	1223 RB .16500	0	0.		4783	2302*8535	274	1.275 +/- .019E 6	23.5	1.846 +/- .200E -5	Y		
ZR	PEAK IS AT CHANNEL 415.08 WITH HALFWIDTH OF 703 SR .16500	0	PB .05500		10881	4588*8685	291	1.402 +/- .013E 6	104.6	7.465 +/- .294E -5	ZR		
NB	191 Y .15200	0	0.		4385	3553*8865	307	1.962 +/- .018E 6	12.0	6.113 +/- 1.489E -6	NB		
MO	PEAK IS AT CHANNEL 415.08 WITH HALFWIDTH OF 889 ZR .15900	0	0.		7.53.	NB PEAK IS SUMMED STARTING *13.50 CHANNELS HIGHER.							
NI	PEAK IS AT CHANNEL 415.08 WITH HALFWIDTH OF				6734	6246*9050	326	2.803 +/- .026E 6	-7.5	-2.677 +/- 1.455E -6	MO		
K	FE PEAK IS AT CHANNEL 104.32 WITH HALFWIDTH OF				7.53.	MO PEAK IS SUMMED STARTING -95.00 CHANNELS HIGHER.							
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				613	536*0200	126	5.452 +/- .028E 4	1.4	2.643 +/- 1.803E -5	NI		
	FE PEAK IS AT CHANNEL 104.32 WITH HALFWIDTH OF				4.85.	NI PEAK IS SUMMED STARTING 20.00 CHANNELS HIGHER.							
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				2516	1704*9365	43	4.042 +/- .020E 4	15.2	3.761 +/- .464E -4	K		
	FE PEAK IS AT CHANNEL 104.32 WITH HALFWIDTH OF				4.85.	K PEAK IS SUMMED STARTING -63.50 CHANNELS HIGHER.							

8033 P BUR-214 CV16 CHAVIN, AN6-18-A1-E
GAMMA SPECTRUM-B 573271

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 8.12CHANNELS
STD NUMBER 1 2 -572067 A SAMPLE WEIGHT = -0. MG DEAD TIME = .34 O/O EOB = 0. MJD
IRRADIATION TIME = . MIN DECAY TIME = *331.64829 DAYS COUNT TIME = 79.991 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43331.64829 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/ 7/1977 PST

8033 R BUR-216 CVL 8 CHAVIN, AN6-18-A3-0
GAMMA SPECTRUM-B 5760J2

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 8.08CHANNELS
STD NUMBER 12 -572067 A SAMPLE WEIGHT = -0. MG DEAD TIME = .62 0/0 EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = *339.68677 DAYS COUNT TIME = 79.991 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43339.68577 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/15/1977 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
INC(OH)				598647	111746	385	387		5.812	+/- .012E 5	445852.0	.077	+/- 2.679E 1
COH				107712	36369*0412	415			1.532	+/- .008E 3	1600.1	1.045	+/- .010E 0
FE					11159	1334*0105	104		4.042	+/- .020E 4	220.4	5.452	+/- .070E -3 FE
CR						865	847*9784	85	1.980	+/- .010E 4		.4	2.039 +/ - 4.531E -5 CR
	FE PEAK IS AT CHANNEL	104.46 WITH HALFWIDTH OF		4.80.	CR PEAK IS SUMMED	STARTING	-21.60	CHANNELS HIGHER.					
MN	12 FE	.00120	2 CR	.11000	1333	930*9874	94		2.619	+/- .013E 4	8.7	3.333	+/- .454E -4 MN
	FE PEAK IS AT CHANNEL	104.46 WITH HALFWIDTH OF		4.80.	MN PEAK IS SUMMED	STARTING	-12.60	CHANNELS HIGHER.					
TI					1272	1064*9604	67		3.637	+/- .018E 3	4.7	1.283	+/- .435E -3 TI
CA	FE PEAK IS AT CHANNEL	104.46 WITH HALFWIDTH OF		4.80.	TI PEAK IS SUMMED	STARTING	-39.60	CHANNELS HIGHER.					
V					1759	1353*9434	50		1.314	+/- .007E 3	9.1	6.933	+/- .952E -3 CA
	FE PEAK IS AT CHANNEL	104.46 WITH HALFWIDTH OF		4.80.	CA PEAK IS SUMMED	STARTING	-56.60	CHANNELS HIGHER.					
ZN					923	933*9704	77		8.891	+/- .045E 3	-.2	-.252	+/- 1.040E -4 V
CU	FE PEAK IS AT CHANNEL	104.46 WITH HALFWIDTH OF		4.80.	V PEAK IS SUMMED	STARTING	-29.60	CHANNELS HIGHER.					
PB					1581	1390*0394	148		1.617	+/- .008E 5	4.3	2.650	+/- 1.283E -5 ZN
RB	FE PEAK IS AT CHANNEL	104.46 WITH HALFWIDTH OF		4.80.	ZN PEAK IS SUMMED	STARTING	39.40	CHANNELS HIGHER.					
					1258	1138*0284	137		1.172	+/- .006E 5	2.7	2.296	+/- 1.536E -5 CU
	FE PEAK IS AT CHANNEL	104.46 WITH HALFWIDTH OF		4.80.	CU PEAK IS SUMMED	STARTING	28.40	CHANNELS HIGHER.					
	PEAK IS AT CHANNEL	415.21 WITH HALFWIDTH OF		7.61.	PB PEAK IS SUMMED	STARTING	*91.00	CHANNELS HIGHER.					
SR					9281	2914*8230	242		7.514	+/- .232E 5	142.8	1.900	+/- .074E -4 RB
	PEAK IS AT CHANNEL	415.21 WITH HALFWIDTH OF		7.61.	RB PEAK IS SUMMED	STARTING	*77.00	CHANNELS HIGHER.					
					7943	2399*8390	259		9.110	+/- .138E 5	124.3	1.365	+/- .041E -4 SR
Y	PEAK IS AT CHANNEL	415.21 WITH HALFWIDTH OF		7.61.	SR PEAK IS SUMMED	STARTING	*61.00	CHANNELS HIGHER.					
	1051 RB	.16500	0	0.	4206	2338*8535	274		1.275	+/- .019E 6	18.3	1.438	+/- .236E -5 Y
ZR	PEAK IS AT CHANNEL	415.21 WITH HALFWIDTH OF		7.61.	Y PEAK IS SUMMED	STARTING	*46.50	CHANNELS HIGHER.					
	915 SR	.16500	0	PB .05500	11350	3949*8685	291		1.402	+/- .013E 6	145.5	1.038	+/- .034E -4 ZR
NB	PEAK IS AT CHANNEL	415.21 WITH HALFWIDTH OF		7.61.	ZR PEAK IS SUMMED	STARTING	*31.50	CHANNELS HIGHER.					
MO	124 Y	.15200	0	0.	3508	2838*8865	307		1.962	+/- .018E 6	12.2	6.238	+/- 1.598E -6 NB
	PEAK IS AT CHANNEL	415.21 WITH HALFWIDTH OF		7.61.	NB PEAK IS SUMMED	STARTING	*13.50	CHANNELS HIGHER.					
	1031 ZR	.15900	0	0.	6100	5154*9050	326		2.803	+/- .026E 6	-1.9	-.683	+/- 1.602E -6 MO
	PEAK IS AT CHANNEL	415.21 WITH HALFWIDTH OF		7.61.	MO PEAK IS SUMMED	STARTING	-95.00	CHANNELS HIGHER.					
NI	FE PEAK IS AT CHANNEL	104.46 WITH HALFWIDTH OF		524	496*0200	126		5.452	+/- .028E 4	.6	1.152	+/- 2.060E -5 NI	
K	FE PEAK IS AT CHANNEL	104.46 WITH HALFWIDTH OF		4.80.	NI PEAK IS SUMMED	STARTING	20.00	CHANNELS HIGHER.					
	COUNT RATE CORRECTION FOR LAST ELEMENT = I			2167	1510*9365	43		4.042	+/- .020E 4	14.7	3.646	+/- .516E -4 K	
	FE PEAK IS AT CHANNEL	104.46 WITH HALFWIDTH OF		4.80.	K PEAK IS SUMMED	STARTING	-63.50	CHANNELS HIGHER.					

8033 S BUR-217 CV19 CHAVIN, AN6-18-A4-C
GAMMA SPECTRUM-B 573276

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.89 CHANNELS
STD NUMBER 1 2 -572067 A SAMPLE WEIGHT = -0. MG DEAD TIME = .60 0/0 EOB = 0. MJD
IRRADIATION TIME = . MIN DECAY TIME = *331.81643 DAYS COUNT TIME = 79.991 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43331.81643 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/ 7/1977 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	
INCCH					637775	117921	385	387	5.812 +/- .012E 5	478805.0	.082 +/- 2.753E 1		
COH					117287	37345*0412	415		1.532 +/- .008E 3	1669.6	1.090 +/- .010E 0		
FE					12320	1555*0105	104		4.042 +/- .020E 4	224.8	5.563 +/- .069E -3	FE	
CR					927	934*9784	85		1.980 +/- .010E 4	-1	-.738 +/- 4.415E -5	CR	
MN	FE PEAK IS AT CHANNEL 104.21 WITH HALFWIDTH OF 13 FE .00120	0 CR .11000			1400	1073*9874	94		2.619 +/- .013E 4	6.6	2.505 +/- .443E -4	MN	
TI	FE PEAK IS AT CHANNEL 104.21 WITH HALFWIDTH OF				1385	1165*9604	67		3.637 +/- .018E 3	4.6	1.263 +/- .425E -3	TI	
CA	FE PEAK IS AT CHANNEL 104.21 WITH HALFWIDTH OF				1864	1338*9434	50		1.314 +/- .007E 3	11.0	8.364 +/- .900E -3	CA	
V	FE PEAK IS AT CHANNEL 104.21 WITH HALFWIDTH OF				961	980*9704	77		8.891 +/- .045E 3	-4	-4.463 +/- 9.904E -5	V	
ZN	FE PEAK IS AT CHANNEL 104.21 WITH HALFWIDTH OF				1660	1277*0394	148		1.617 +/- .008E 5	8.0	4.948 +/- 1.162E -5	ZN	
CU	FE PEAK IS AT CHANNEL 104.21 WITH HALFWIDTH OF				1364	1272*0284	137		1.172 +/- .006E 5	1.9	1.639 +/- 1.503E -5	CU	
PB	FE PEAK IS AT CHANNEL 104.21 WITH HALFWIDTH OF				2511	3564*8090	229		8.083 +/- .041E 4	-22.0	-2.721 +/- .384E -4	PB	
RB	PEAK IS AT CHANNEL 415.00 WITH HALFWIDTH OF				10170	2982*8230	242		7.514 +/- .232E 5	150.1	1.998 +/- .076E -4	RB	
SR	PEAK IS AT CHANNEL 415.00 WITH HALFWIDTH OF				7.33.	RB PEAK IS SUMMED STARTING *77.00 CHANNELS HIGHER.							
Y	PEAK IS AT CHANNEL 415.00 WITH HALFWIDTH OF 1186 RB .16500	0 0.			8943	2489*8390	259		9.110 +/- .138E 5	134.8	1.480 +/- .041E -4	SR	
ZR	PEAK IS AT CHANNEL 415.00 WITH HALFWIDTH OF 1065 SR .16500	0 PB .05500			7.33.	SR PEAK IS SUMMED STARTING *61.00 CHANNELS HIGHER.							
NB	PEAK IS AT CHANNEL 415.00 WITH HALFWIDTH OF 139 Y .15200	0 0.			4356	2255*8535	273		1.275 +/- .019E 6	19.1	1.498 +/- .218E -5	Y	
MO	PEAK IS AT CHANNEL 415.00 WITH HALFWIDTH OF 1083 ZR .15900	0 0.			7.33.	Y PEAK IS SUMMED STARTING *46.50 CHANNELS HIGHER.							
NI	PEAK IS AT CHANNEL 415.00 WITH HALFWIDTH OF				12188	4314*8685	290		1.402 +/- .013E 6	142.2	1.015 +/- .033E -4	ZR	
K	FE PEAK IS AT CHANNEL 104.21 WITH HALFWIDTH OF				3798	3251*8865	306		1.962 +/- .018E 6	8.5	4.342 +/- 1.582E -6	NB	
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				6465	5752*9050	326		2.803 +/- .026E 6	-7.7	-2.754 +/- 1.568E -6	MO	
					562	608*0200	126		5.452 +/- .028E 4	-1.0	-1.762 +/- 2.096E -5	NI	
					2315	1642*9365	43		4.042 +/- .020E 4	14.1	3.478 +/- .502E -4	K	
					4.66.	K PEAK IS SUMMED STARTING -63.50 CHANNELS HIGHER.							

8033 T BUR-218 CV20 CHAVIN, AN6-18-D2-1
GAMMA SPECTRUM-B 572001

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.89CHANNELS
STD NUMBER 1 2 -572067 A SAMPLE WEIGHT = -.0. MG DEAD TIME = .70 0/0 EOB = 0. MJD
IRRADIATION TIME = .0. MIN DECAY TIME = *331.87021 DAYS COUNT TIME = 79.991 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43331.87021 MJD PILL THICKNESS = -.0. MILS SPECTRUM BEGAN 7/ 7/1977 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				696033	125066	385	387		5.812	+/- .012E 5	529918.0	.091	+/- 2.843E 1
COH				125817	40836*0412	415		1.532	+/- .008E 3	1603.7	1.047	+/- .009E 0	
FE				12927	1616*0105	104		4.042	+/- .020E 4	213.4	5.281	+/- .064E -3 FE	
CR				988	1007*9784	85		1.980	+/- .010E 4		-.4	-1.810	+/- 4.122E -5 CR
MN	FE PEAK IS AT CHANNEL 104.20 WITH HALFWIDTH OF 14 FE	.0120	0 CR	.11000	1496	1141*9874	94	2.619	+/- .013E 4		6.4	2.460	+/- .413E -4 MN
TI	FE PEAK IS AT CHANNEL 104.20 WITH HALFWIDTH OF			4.81.	CR PEAK IS SUMMED			STARTING -21.60 CHANNELS HIGHER.					
CA	FE PEAK IS AT CHANNEL 104.20 WITH HALFWIDTH OF			4.81.	MN PEAK IS SUMMED			STARTING -12.60 CHANNELS HIGHER.					
V	FE PEAK IS AT CHANNEL 104.20 WITH HALFWIDTH OF			1469	1306*9604	67		3.637	+/- .018E 3		3.1	8.456	+/- 4.061E -4 TI
ZN	FE PEAK IS AT CHANNEL 104.20 WITH HALFWIDTH OF			4.81.	TI PEAK IS SUMMED			STARTING -39.60 CHANNELS HIGHER.					
CU	FE PEAK IS AT CHANNEL 104.20 WITH HALFWIDTH OF			1957	1516*9434	50		1.314	+/- .007E 3		8.3	6.336	+/- .846E -3 CA
PB	PEAK IS AT CHANNEL 414.99 WITH HALFWIDTH OF			4.81.	CA PEAK IS SUMMED			STARTING -56.60 CHANNELS HIGHER.					
RB	PEAK IS AT CHANNEL 414.99 WITH HALFWIDTH OF			1088	1081*9704	77		8.891	+/- .045E 3		.1	1.486	+/- 9.465E -5 V
SR	PEAK IS AT CHANNEL 414.99 WITH HALFWIDTH OF			4.81.	V PEAK IS SUMMED			STARTING -29.60 CHANNELS HIGHER.					
Y	PEAK IS AT CHANNEL 414.99 WITH HALFWIDTH OF 1313 RB	.16500	0	0.	1782	1473*0394	148	1.617	+/- .008E 5		5.8	3.607	+/- 1.119E -5 ZN
ZR	PEAK IS AT CHANNEL 414.99 WITH HALFWIDTH OF 1125 SR	.16500	0 PB	.05500	11041	3085*8230	242	1.172	+/- .006E 5		2.9	2.447	+/- 1.383E -5 CU
NB	PEAK IS AT CHANNEL 414.99 WITH HALFWIDTH OF 142 Y	.15200	0	0.	7.29.	PB PEAK IS SUMMED		STARTING *91.00 CHANNELS HIGHER.					
MO	PEAK IS AT CHANNEL 414.99 WITH HALFWIDTH OF 1135 ZR	.15900	0	0.	9473	2652*8390	259	7.514	+/- .232E 5		150.1	1.998	+/- .074E -4 RB
NI	PEAK IS AT CHANNEL 414.99 WITH HALFWIDTH OF FE PEAK IS AT CHANNEL 104.20 WITH HALFWIDTH OF			7.29.	RB PEAK IS SUMMED			STARTING *77.00 CHANNELS HIGHER.					
K	FE PEAK IS AT CHANNEL 104.20 WITH HALFWIDTH OF			7.29.	SR PEAK IS SUMMED			STARTING *61.00 CHANNELS HIGHER.					
	COUNT RATE CORRECTION FOR LAST ELEMENT = I			4.81.	ZR PEAK IS SUMMED			STARTING *31.50 CHANNELS HIGHER.					

8033 U BUR-219 CV21 CHAVIN, AN6-18-A4-C
GAMMA SPECTRUM-B 572004

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 8.04CHANNELS
STD NUMBER 1 2 -572067 A SAMPLE WEIGHT = -0. MG DEAD TIME = .71 0/0 EOB = 0. MJD
IRRADIATION TIME = . MIN DECAY TIME = *331.92630 DAYS COUNT TIME = 79.991 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43331.92630 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/ 7/1977 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					734152	129431	385	387	5.812 +/- .012E	5	563672.0	.097 +/- 2.898E	1	
COH					133562	42496*0412	415		1.532 +/- .008E	3	1615.6	1.055 +/- .009E	0	
FE					14400	1760*0105	104		4.042 +/- .020E	4	224.2	5.548 +/- .064E	-3	FE
CR					1022	1068*9784	85		1.980 +/- .010E	4	-.8	-4.121 +/- 3.968E	-5	CR
MN	FE PEAK IS AT CHANNEL 104.20 WITH HALFWIDTH OF 15 FE	.00120	0 CR	.11000	1704	1215*9874	94	2.619 +/- .013E	4	8.4	3.210 +/- .407E	-4	MN	
TI	FE PEAK IS AT CHANNEL 104.20 WITH HALFWIDTH OF				1545	1322*9604	67	3.637 +/- .018E	3	4.0	1.088 +/- .384E	-3	TI	
CA	FE PEAK IS AT CHANNEL 104.20 WITH HALFWIDTH OF				2106	1558*9434	50	1.314 +/- .007E	3	9.7	7.401 +/- .818E	-3	CA	
V	FE PEAK IS AT CHANNEL 104.20 WITH HALFWIDTH OF				4.63.	CA PEAK IS SUMMED STARTING -56.60 CHANNELS HIGHER.								
ZN	FE PEAK IS AT CHANNEL 104.20 WITH HALFWIDTH OF				1176	1127*9704	77	8.891 +/- .045E	3	.9	9.777 +/- 9.176E	-5	V	
CU	FE PEAK IS AT CHANNEL 104.20 WITH HALFWIDTH OF				1840	1548*0394	148	1.617 +/- .008E	5	5.2	3.204 +/- 1.077E	-5	ZN	
PB	PEAK IS AT CHANNEL 414.89 WITH HALFWIDTH OF				4.63.	ZN PEAK IS SUMMED STARTING 39.40 CHANNELS HIGHER.								
RB	PEAK IS AT CHANNEL 414.89 WITH HALFWIDTH OF				1553	1541*0284	137	1.172 +/- .006E	5	.2	.182 +/- 1.400E	-5	CU	
SR	PEAK IS AT CHANNEL 414.89 WITH HALFWIDTH OF				2786	3966*8090	229	8.083 +/- .041E	4	-20.9	-2.590 +/- .344E	-4	PB	
Y	1414 RB .16500	0	0.		7.30.	PB PEAK IS SUMMED STARTING *91.00 CHANNELS HIGHER.								
ZR	PEAK IS AT CHANNEL 414.89 WITH HALFWIDTH OF				11750	3183*8230	242	7.514 +/- .232E	5	152.0	2.023 +/- .074E	-4	RB	
NB	1197 SR .16500	0	PB .05500		7.30.	RB PEAK IS SUMMED STARTING *77.00 CHANNELS HIGHER.								
MO	PEAK IS AT CHANNEL 414.89 WITH HALFWIDTH OF				10244	2990*8390	259	9.110 +/- .138E	5	128.7	1.413 +/- .038E	-4	SR	
NI	154 Y .15200	0	0.		7.30.	SR PEAK IS SUMMED STARTING *61.00 CHANNELS HIGHER.								
K	PEAK IS AT CHANNEL 414.89 WITH HALFWIDTH OF				5062	2637*8535	273	1.275 +/- .019E	6	17.9	1.407 +/- .200E	-5	Y	
	FE PEAK IS AT CHANNEL 104.20 WITH HALFWIDTH OF				7.30.	Y PEAK IS SUMMED STARTING *46.50 CHANNELS HIGHER.								
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				14193	4882*8685	290	1.402 +/- .013E	6	144.0	1.027 +/- .030E	-4	ZR	
	FE PEAK IS AT CHANNEL 104.20 WITH HALFWIDTH OF				4285	3883*8865	306	1.962 +/- .018E	6	4.4	2.245 +/- 1.461E	-6	NB	
					7.30.	ZR PEAK IS SUMMED STARTING *31.50 CHANNELS HIGHER.								
	1290 ZR .15900	0	0.		7.30.	NB PEAK IS SUMMED STARTING *13.50 CHANNELS HIGHER.								
	PEAK IS AT CHANNEL 414.89 WITH HALFWIDTH OF				7557	6758*9050	326	2.803 +/- .026E	6	-8.7	-3.108 +/- 1.439E	-6	MO	
	FE PEAK IS AT CHANNEL 104.20 WITH HALFWIDTH OF				7.30.	MO PEAK IS SUMMED STARTING -95.00 CHANNELS HIGHER.								
					621	680*0200	126	5.452 +/- .028E	4	-1.0	-1.920 +/- 1.881E	-5	NI	
					4.63.	NI PEAK IS SUMMED STARTING 20.00 CHANNELS HIGHER.								
					2666	1779*9365	43	4.042 +/- .020E	4	15.7	3.894 +/- .447E	-4	K	
	FE PEAK IS AT CHANNEL 104.20 WITH HALFWIDTH OF				4.63.	K PEAK IS SUMMED STARTING -63.50 CHANNELS HIGHER.								

8033 V BUR-220 CV22 CHAVIN, AN6-18-E1-5
GAMMA SPECTRUM-B 572006

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 8.23CHANNELS
STD NUMBER 1 2 -572067 A SAMPLE WEIGHT = -.0. MG DEAD TIME = .55 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = *331.98641 DAYS COUNT TIME = 79.990 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43331.98641 MJD PILL THICKNESS = -.0. MILS SPECTRUM BEGAN 7/ 7/1977 PST

8033 W BUR-221 CV23 CHAVIN, AN6-18-E1-S
GAMMA SPECTRUM-B 572008

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 8.28CHANNELS
STD NUMBER 1 2 -572067 A SAMPLE WEIGHT = -0. MG DEAD TIME = .60 0/0 EOB = 0. MJD
IRRADIATION TIME = . MIN DECAY TIME = *332.03841 DAYS COUNT TIME = 79.990 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43332.03841 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/7/1977 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					604080	110772	385	387	5.812 +/- .012E 5	452259.0	.078 +/- 2.674E 1		
COH					109974	34568*0412	415		1.532 +/- .008E 3	1667.3	1.089 +/- .010E 0		
FE					11440	1434*0105	104		4.042 +/- .020E 4	221.2	5.474 +/- .070E -3	FE	
CR					892	913*9784	85		1.980 +/- .010E 4		-.5 -2.345 +/- 4.590E -5	CR	
MN	FE PEAK IS AT CHANNEL 104.19 WITH HALFWIDTH OF 12 FE .00120	0 CR .11000			4.72.	CR PEAK IS SUMMED STARTING -21.60 CHANNELS HIGHER.							
TI	FE PEAK IS AT CHANNEL 104.19 WITH HALFWIDTH OF				1376	1021*9874	94		2.619 +/- .013E 4	7.6	2.896 +/- .462E -4	MN	
CA	FE PEAK IS AT CHANNEL 104.19 WITH HALFWIDTH OF				1266	1066*9604	67		3.637 +/- .018E 3	4.4	1.216 +/- .428E -3	TI	
V	FE PEAK IS AT CHANNEL 104.19 WITH HALFWIDTH OF				1781	1320*9434	50		1.314 +/- .007E 3	10.2	7.760 +/- .936E -3	CA	
ZN	FE PEAK IS AT CHANNEL 104.19 WITH HALFWIDTH OF				942	984*9704	77		8.891 +/- .045E 3		-.9 -1.044 +/- 1.044E -4	V	
CU	FE PEAK IS AT CHANNEL 104.19 WITH HALFWIDTH OF				1541	1318*0394	148		1.617 +/- .008E 5	4.9	3.050 +/- 1.235E -5	ZN	
PB	PEAK IS AT CHANNEL 414.86 WITH HALFWIDTH OF				1270	1211*0284	137		1.172 +/- .006E 5	1.3	1.113 +/- 1.552E -5	CU	
RB	PEAK IS AT CHANNEL 414.86 WITH HALFWIDTH OF				2252	3273*8090	229		8.083 +/- .041E 4	-22.6	-2.793 +/- .390E -4	PB	
SR	PEAK IS AT CHANNEL 414.86 WITH HALFWIDTH OF				7.51.	PB PEAK IS SUMMED STARTING *91.00 CHANNELS HIGHER.							
Y	1132 RB .16500	0 0.			9645	2785*8230	242		7.514 +/- .232E 5	151.7	2.019 +/- .077E -4	RB	
ZR	PEAK IS AT CHANNEL 414.86 WITH HALFWIDTH OF				7.51.	RB PEAK IS SUMMED STARTING *77.00 CHANNELS HIGHER.							
NB	1019 SR .16500	0 PB .05500			8509	2334*8390	259		9.110 +/- .138E 5	136.5	1.499 +/- .042E -4	SR	
MO	PEAK IS AT CHANNEL 414.86 WITH HALFWIDTH OF				11750	3943*8685	290		1.402 +/- .013E 6	150.1	1.071 +/- .034E -4	ZR	
NI	1079 ZR .15900	0 0.			7.51.	ZR PEAK IS SUMMED STARTING *31.50 CHANNELS HIGHER.							
K	PEAK IS AT CHANNEL 414.86 WITH HALFWIDTH OF				3497	2860*8865	306		1.962 +/- .018E 6	11.7	5.967 +/- 1.580E -6	NB	
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				7.51.	NB PEAK IS SUMMED STARTING *13.50 CHANNELS HIGHER.							
					5973	5248*9050	326		2.803 +/- .026E 6	-7.8	-2.795 +/- 1.585E -6	MO	
					7.51.	MO PEAK IS SUMMED STARTING -95.00 CHANNELS HIGHER.							
					527	544*0200	126		5.452 +/- .028E 4	-.4	-.689 +/- 2.108E -5	NI	
					2253	1612*9365	43		4.042 +/- .020E 4	14.2	3.507 +/- .528E -4	K	
					4.72.	K PEAK IS SUMMED STARTING -63.50 CHANNELS HIGHER.							

8033 Y BUR-223 CV25 CHAVIN, AN6-20-A1-A
GAMMA SPECTRUM-B 572013

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 8.09CHANNELS
STD NUMBER 1 2 -572067 A SAMPLE WEIGHT = -0. MG DEAD TIME = .67 O/O EOB = 0. MJD
IRRADIATION TIME = . MIN DECAY TIME = *332.15445 DAYS COUNT TIME = 79.991 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43332.15445 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/ 7/1977 PST

8033 Z BUR-224 CV26 CHAVIN, AN6-18-D2-
GAMMA SPECTRUM-B 572015

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.75CHANNELS
STD NUMBER 1 2 -572067 A SAMPLE WEIGHT = -0. MG DEAD TIME = .75 0/0 EOB = 0. MJD
IRRADIATION TIME = .0. MIN DECAY TIME = *332.20651 DAYS COUNT TIME = 79.991 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43332.20651 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/7/1977 PST

8033 1 BUR-225 KKL KALIKANTU, POZAL, EST 4
GAMMA SPECTRUM-B 572017

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 8.19CHANNELS
STD NUMBER 1 2 -572067 A SAMPLE WEIGHT = -0. MG DEAD TIME = .60 0/0 EOB = 0. MJD
IRRADIATION TIME = . MIN DECAY TIME = *332.26662 DAYS COUNT TIME = 79.992 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43332.26662 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/7/1977 PST

8033 2 BUR-226 KK2 KALIKANTU, POZAL, EST 4
GAMMA SPECTRUM-B 5720L9

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.64 CHANNELS
STD NUMBER 1 2 -572067 A SAMPLE WEIGHT = -0. MG DEAD TIME = .77 0/0 EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = *332.31865 DAYS COUNT TIME = 79.992 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43332.31865 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/ 7/1977 PST

8033 3 BUR-227 KK3 KALIKANTU, POZAL, EST 4
GAMMA SPECTRUM-B 572021

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 8.36 CHANNELS

STD NUMBER 1 2 -572067 A SAMPLE WEIGHT = -0. MG DEAD TIME = .29 O/O EOB = 0. MJD
IRRADIATION TIME = J. MIN DECAY TIME = *332.37477 DAYS COUNT TIME = 79.995 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43332.37477 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/ 8/1977 PST

8033 4 BUR-228 KK4 KALIKANTU, POZAL, EST
GAMMA SPECTRUM-B 572024

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.79CHANNELS
STD NUMBER 1 2 -572067 A SAMPLE WEIGHT = -0. MG DEAD TIME = .80 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = *332.43462 DAYS COUNT TIME = 79.991 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43332.43462 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/ 8/1977 PST

8033 5 BUR-229 KK5 KALIKANTU, POZAL, EST 3
GAMMA SPECTRUM-B 572026

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.81 CHANNELS
STD NUMBER 1 2 -572067 A SAMPLE WEIGHT = -0. MG DEAD TIME = .72 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = *332.48676 DAYS COUNT TIME = 79.993 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43332.48676 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/ 8/1977 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS COUNTS	BKGD COUNTS	APPR PEAK	REAL PEAK X	I	FLUX(N/MIN-CM2)	CPM	ELEMENT	ELEMENT
	COUNTS	EL	MULT	COUNTS	EL	MULT							
INCOH					704633	126045	385	387	5.812 +/- .012E 5	537539.0	.092 +/- 2.857E 1		
COH					125455	40472*0412	415		1.532 +/- .008E 3	1581.0	1.032 +/- .009E 0		
FE					12443	1655*0105	104		4.042 +/- .020E 4	200.7	4.966 +/- .062E -3	FE	
CR					1010	1011*9784	85		1.980 +/- .010E 4	-0.	-.094 +/- 4.091E -5	CR	
MN	FE PEAK IS AT CHANNEL 104.31 WITH HALFWIDTH OF 13 FE .00120	O CR .00120	.11000		1706	1139*9874	94	2.619 +/- .013E 4	10.3	3.936 +/- .421E -4	MN		
TI	FE PEAK IS AT CHANNEL 104.31 WITH HALFWIDTH OF				4.46.	MN PEAK IS SUMMED STARTING -12.60 CHANNELS HIGHER.							
CA	FE PEAK IS AT CHANNEL 104.31 WITH HALFWIDTH OF				1474	1235*9604	67	3.637 +/- .018E 3	4.4	1.222 +/- .387E -3	TI		
V	FE PEAK IS AT CHANNEL 104.31 WITH HALFWIDTH OF				1968	1449*9434	50	1.314 +/- .007E 3	9.7	7.351 +/- .828E -3	CA		
ZN	FE PEAK IS AT CHANNEL 104.31 WITH HALFWIDTH OF				4.46.	CA PEAK IS SUMMED STARTING -56.60 CHANNELS HIGHER.							
CU	FE PEAK IS AT CHANNEL 104.31 WITH HALFWIDTH OF				1043	1064*9704	77	8.891 +/- .045E 3	-.4	-4.394 +/- 9.191E -5	V		
PB	PEAK IS AT CHANNEL 415.11 WITH HALFWIDTH OF				4.46.	V PEAK IS SUMMED STARTING -29.60 CHANNELS HIGHER.							
RB	PEAK IS AT CHANNEL 415.11 WITH HALFWIDTH OF				1804	1528*0394	148	1.617 +/- .008E 5	5.1	3.176 +/- 1.123E -5	ZN		
SR	PEAK IS AT CHANNEL 415.11 WITH HALFWIDTH OF				4.46.	ZN PEAK IS SUMMED STARTING 39.40 CHANNELS HIGHER.							
Y	PEAK IS AT CHANNEL 415.11 WITH HALFWIDTH OF 1019 RB .16500	0	0.		1423	1313*0284	137	1.172 +/- .006E 5	2.0	1.746 +/- 1.365E -5	CU		
ZR	PEAK IS AT CHANNEL 415.11 WITH HALFWIDTH OF 983 SR .16500	0	PB .05500		2558	3273*8090	229	8.083 +/- .041E 4	-13.3	-1.646 +/- .330E -4	PB		
NB	PEAK IS AT CHANNEL 415.11 WITH HALFWIDTH OF 130 Y .15200	0	0.		7.25.	PB PEAK IS SUMMED STARTING *91.00 CHANNELS HIGHER.							
MO	PEAK IS AT CHANNEL 415.11 WITH HALFWIDTH OF 1192 ZR .15900	0	0.		8784	2609*8230	242	7.514 +/- .232E 5	114.9	1.529 +/- .059E -4	RB		
NI	PEAK IS AT CHANNEL 415.11 WITH HALFWIDTH OF				7.25.	RB PEAK IS SUMMED STARTING *77.00 CHANNELS HIGHER.							
K	FE PEAK IS AT CHANNEL 104.31 WITH HALFWIDTH OF				8575	2620*8390	259	9.110 +/- .138E 5	110.8	1.216 +/- .036E -4	SR		
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				7.25.	SR PEAK IS SUMMED STARTING *61.00 CHANNELS HIGHER.							
					4229	2358*8535	274	1.275 +/- .019E 6	15.9	1.243 +/- .196E -5	Y		
					7.25.	Y PEAK IS SUMMED STARTING *46.50 CHANNELS HIGHER.							
					12820	4342*8685	291	1.402 +/- .013E 6	139.4	9.949 +/- .300E -5	ZR		
					4243	3190*8865	307	1.962 +/- .018E 6	17.2	8.755 +/- 1.415E -6	NB		
					7.25.	ZR PEAK IS SUMMED STARTING *31.50 CHANNELS HIGHER.							
					6837	6216*9050	326	2.803 +/- .026E 6	-10.6	-3.788 +/- 1.441E -6	MO		
					570	524*0200	126	5.452 +/- .028E 4	.9	1.570 +/- 1.762E -5	NI		
					4.46.	NI PEAK IS SUMMED STARTING 20.00 CHANNELS HIGHER.							
					2573	1772*9365	43	4.042 +/- .020E 4	14.9	3.687 +/- .466E -4	K		
					4.46.	K PEAK IS SUMMED STARTING -63.50 CHANNELS HIGHER.							

8033 6 BUR-230 SU₁ SU-2, TERREPLAI
GAMMA SPECTRUM-B 572028

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.79 CHANNELS
STD NUMBER 1 2 -572067 A SAMPLE WEIGHT = -0. MG DEAD TIME = .79 O/O EOB = 0. MJD
IRRADIATION TIME = . MIN DECAY TIME = *332.54685 DAYS COUNT TIME = 79.995 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43332.54585 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/8/1977 PST

8C33 7 BUR-231 SU2 SU-2, TERREPLAIN
GAMMA SPECTRUM-B 572030

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.71CHANNELS

STD NUMBER 1 2 -572067 A SAMPLE WEIGHT = -0. MG DEAD TIME = .76 0/0 EOB = 0. MJD
IRRADIATION TIME = . MIN DECAY TIME = *332.59900 DAYS COUNT TIME = 79.996 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43332.59900 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/ 8/1977 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						EOB	ABUNDANCE	
INCOH					742232	130966	385	387	5.812 +/- .012E 5	570217.0	.098 +/- 2.915E 1			
COH					126891	42646*0412	415		1.532 +/- .008E 3	1477.4	.965 +/- .009E -0			
FE					12042	1779*0105	104		4.042 +/- .020E 4	180.0	4.453 +/- .058E -3	FE		
CR					1085	1059*9784	85		1.980 +/- .010E 4		.5	2.302 +/- 3.990E -5	CR	
	FE PEAK IS AT CHANNEL	104.34	WITH HALFWIDTH OF		4.59.	CR PEAK IS SUMMED	STARTING	-21.60	CHANNELS HIGHER.					
MN	12 FE	.00120	3 CR	.11000	1925	1237*9874	94		2.619 +/- .013E 4	11.8	4.505 +/- .419E -4	MN		
	FE PEAK IS AT CHANNEL	104.34	WITH HALFWIDTH OF		4.59.	MN PEAK IS SUMMED	STARTING	-12.60	CHANNELS HIGHER.					
TI					1388	1336*9604	67		3.637 +/- .018E 3		.9	2.507 +/- 3.763E -4	TI	
CA	FE PEAK IS AT CHANNEL	104.34	WITH HALFWIDTH OF		4.59.	TI PEAK IS SUMMED	STARTING	-39.60	CHANNELS HIGHER.					
V	FE PEAK IS AT CHANNEL	104.34	WITH HALFWIDTH OF		1956	1526*9434	50		1.314 +/- .007E 3	7.5	5.741 +/- .788E -3	CA		
ZN	FE PEAK IS AT CHANNEL	104.34	WITH HALFWIDTH OF		4.59.	CA PEAK IS SUMMED	STARTING	-56.60	CHANNELS HIGHER.					
CU	FE PEAK IS AT CHANNEL	104.34	WITH HALFWIDTH OF		1082	1092*9704	77		8.891 +/- .045E 3		-.2	-1.972 +/- 8.804E -5	V	
PB	FE PEAK IS AT CHANNEL	104.34	WITH HALFWIDTH OF		4.59.	V PEAK IS SUMMED	STARTING	-29.60	CHANNELS HIGHER.					
RB	PEAK IS AT CHANNEL	415.07	WITH HALFWIDTH OF		2019	1586*0394	148		1.617 +/- .008E 5	7.6	4.697 +/- 1.085E -5	ZN		
SR	PEAK IS AT CHANNEL	415.07	WITH HALFWIDTH OF		4.59.	ZN PEAK IS SUMMED	STARTING	39.40	CHANNELS HIGHER.					
Y	1865 RB	.16500	0	0.	14774	3473*8230	242		7.514 +/- .232E 5	198.2	2.638 +/- .091E -4	RB		
ZR	PEAK IS AT CHANNEL	415.07	WITH HALFWIDTH OF		7.20.	RB PEAK IS SUMMED	STARTING	*77.00	CHANNELS HIGHER.					
NB	331 SR	.16500	0 PB	.05500	4346	2342*8390	259		9.110 +/- .138E 5	35.1	3.858 +/- .260E -5	SR		
MO	PEAK IS AT CHANNEL	415.07	WITH HALFWIDTH OF		7.20.	SR PEAK IS SUMMED	STARTING	*61.00	CHANNELS HIGHER.					
NI	226 Y	.15200	0	0.	6110	2758*8535	274		1.275 +/- .019E 6	26.1	2.045 +/- .208E -5	Y		
K	PEAK IS AT CHANNEL	415.07	WITH HALFWIDTH OF		7.20.	Y PEAK IS SUMMED	STARTING	*46.50	CHANNELS HIGHER.					
	890 ZR	.15900	0	0.	10969	5042*8685	291		1.402 +/- .013E 6	98.1	7.002 +/- .285E -5	ZR		
	PEAK IS AT CHANNEL	415.07	WITH HALFWIDTH OF		7.20.	ZR PEAK IS SUMMED	STARTING	*31.50	CHANNELS HIGHER.					
	COUNT RATE CORRECTION FOR LAST ELEMENT =	I			5267	3965*8865	307		1.962 +/- .018E 6	18.9	9.616 +/- 1.487E -6	NB		
	FE PEAK IS AT CHANNEL	104.34	WITH HALFWIDTH OF		7.20.	NB PEAK IS SUMMED	STARTING	*13.50	CHANNELS HIGHER.					
	FE PEAK IS AT CHANNEL	104.34	WITH HALFWIDTH OF		7.20.	MO PEAK IS SUMMED	STARTING	*95.00	CHANNELS HIGHER.					
					649	736*0200	126		5.452 +/- .028E 4		-1.5	-2.798 +/- 1.928E -5	NI	
					4.59.	NI PEAK IS SUMMED	STARTING	20.00	CHANNELS HIGHER.					
					2393	1794*9365	43		4.042 +/- .020E 4	10.5	2.599 +/- .437E -4	K		
					4.59.	K PEAK IS SUMMED	STARTING	-63.50	CHANNELS HIGHER.					

8033 8 BUR-232 SU3 SU-2, TERREPLAI
GAMMA SPECTRUM-B 572032

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.76CHANNELS
STD NUMBER 1 2 -572067 A SAMPLE WEIGHT = -0. MG DEAD TIME = .79 0/0 EOB = 0. MJD
IRRADIATION TIME = J. MIN DECAY TIME = *332.65511 DAYS COUNT TIME = 79.995 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43332.65511 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/ 8/1977 PST

8033 + BUR-234 SU5 SU-3, POZO 5, EST 3
GAMMA SPECTRUM-B 572037

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 8.04CHANNELS
 STD NUMBER 1 2 -572067 A SAMPLE WEIGHT = -0. MG DEAD TIME = .75 0/0 EOB = 0. MJD
 IRRADIATION TIME = . MIN DECAY TIME = *332.78037 DAYS COUNT TIME = 79.995 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 43332.78037 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/ 8/1977 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				783894	141364	385	387		5.812 +/- .012E 5	601481.0	.103 +/- 3.023E 1		
COH				137077	45968*0412	415			1.532 +/- .008E 3	1514.7	.989 +/- .009E -0		
FE					12741	1749*0105	104		4.042 +/- .020E 4	182.7	4.522 +/- .056E -3	FE	
CR					1133	1089*9784	85		1.980 +/- .010E 4		.7	3.694 +/- 3.840E -5	CR
MN	FE PEAK IS AT CHANNEL 104.17 WITH HALFWIDTH OF 13 FE	.00120	5 CR	.11000		4.65.	CR PEAK IS SUMMED STARTING -21.60 CHANNELS HIGHER.						
TI	FE PEAK IS AT CHANNEL 104.17 WITH HALFWIDTH OF				2003	1255*9874	94		2.619 +/- .013E 4	12.1	4.634 +/- .403E -4	MN	
CA	FE PEAK IS AT CHANNEL 104.17 WITH HALFWIDTH OF				4.65.	MN PEAK IS SUMMED STARTING -12.60 CHANNELS HIGHER.							
V	FE PEAK IS AT CHANNEL 104.17 WITH HALFWIDTH OF				1574	1447*9604	67		3.637 +/- .018E 3	2.1	5.805 +/- 3.735E -4	TI	
ZN	FE PEAK IS AT CHANNEL 104.17 WITH HALFWIDTH OF				4.65.	TI PEAK IS SUMMED STARTING -39.60 CHANNELS HIGHER.							
CU	FE PEAK IS AT CHANNEL 104.17 WITH HALFWIDTH OF				2020	1600*9434	50		1.314 +/- .007E 3	7.0	5.316 +/- .762E -3	CA	
PB	PEAK IS AT CHANNEL 414.88 WITH HALFWIDTH OF				4.65.	CA PEAK IS SUMMED STARTING -56.60 CHANNELS HIGHER.							
RB	PEAK IS AT CHANNEL 414.88 WITH HALFWIDTH OF				1143	1112*9704	77		8.891 +/- .045E 3	.5	5.796 +/- 8.507E -5	V	
SR	PEAK IS AT CHANNEL 414.88 WITH HALFWIDTH OF				4.65.	V PEAK IS SUMMED STARTING -29.60 CHANNELS HIGHER.							
Y	1984 RB .16500	0	0.		2112	1681*0394	148		1.617 +/- .008E 5	7.2	4.432 +/- 1.055E -5	ZN	
ZR	PEAK IS AT CHANNEL 414.88 WITH HALFWIDTH OF 396 SR .16500	0	PB	.05500	4.65.	ZN PEAK IS SUMMED STARTING 39.40 CHANNELS HIGHER.							
NB	PEAK IS AT CHANNEL 414.88 WITH HALFWIDTH OF 233 Y .15200	0	0.		1545	1375*0284	137		1.172 +/- .006E 5	2.8	2.411 +/- 1.252E -5	CU	
MO	PEAK IS AT CHANNEL 414.88 WITH HALFWIDTH OF 982 ZR .15900	0	0.		4.65.	CU PEAK IS SUMMED STARTING 28.40 CHANNELS HIGHER.							
NI	PEAK IS AT CHANNEL 414.88 WITH HALFWIDTH OF				3001	4879*8090	229		8.083 +/- .041E 4	-31.2	-3.863 +/- .356E -4	PB	
K	FE PEAK IS AT CHANNEL 104.17 WITH HALFWIDTH OF				7.31.	PB PEAK IS SUMMED STARTING *91.00 CHANNELS HIGHER.							
	FE PEAK IS AT CHANNEL 104.17 WITH HALFWIDTH OF				16038	4014*8230	242		7.514 +/- .232E 5	199.9	2.660 +/- .092E -4	RB	
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				7.31.	RB PEAK IS SUMMED STARTING *77.00 CHANNELS HIGHER.							

8033 - BUR-235 SU6 SU-3, POZO 5, EST 3
GAMMA SPECTRUM-B 572040

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.96CHANNELS
STD NUMBER 1 2 -572067 A SAMPLE WEIGHT = -0. MG DEAD TIME = .61 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = *332.83650 DAYS COUNT TIME = 79.995 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43352.83650 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/8/1977 PST

8033 / BUR-237 SU7 SU-3, POZO 5, EST 3
GAMMA SPECTRUM-B 572044

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.62 CHANNELS
STD NUMBER 1 2 -572067 A SAMPLE WEIGHT = -0. MG DEAD TIME = .82 O/O EOB = 0. MJD
IRRADIATION TIME = . MIN DECAY TIME = *332.94951 DAYS COUNT TIME = 79.995 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43332.94951 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/ 8/1977 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								EOB	ABUNDANCE
INCOH					812744	147500	385	386	5.812 +/- .012E	5	624195.0	.107 +/- 3.090E	1
COH					137779	47201*0412	412	415	1.532 +/- .008E	3	1451.1	.947 +/- .008E	-0
FE					13005	1839*0105	105	104	4.042 +/- .020E	4	178.9	4.426 +/- .055E	-3 FE
CR					1103	1097*9784	85		1.980 +/- .010E	4	.1	.485 +/- 3.679E	-5 CR
MN	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF 13 FE .00120	1 CR .11000			4.80.	CR PEAK IS SUMMED STARTING -21.60 CHANNELS HIGHER.							
TI	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				2026	1287*9874	94		2.619 +/- .013E	4	11.6	4.435 +/- .391E	-4 MN
CA	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				4.80.	MN PEAK IS SUMMED STARTING -12.60 CHANNELS HIGHER.							
V	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				1482	1390*9604	67		3.637 +/- .018E	3	1.5	4.052 +/- 3.502E	-4 TI
ZN	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				2050	1599*9434	50		1.314 +/- .007E	3	7.2	5.501 +/- .737E	-3 CA
CU	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				4.80.	CA PEAK IS SUMMED STARTING -56.60 CHANNELS HIGHER.							
PB	PEAK IS AT CHANNEL 414.87 WITH HALFWIDTH OF				1172	1220*9704	77		8.891 +/- .045E	3	-.8	-8.649 +/- 8.429E	-5 V
RB	PEAK IS AT CHANNEL 414.87 WITH HALFWIDTH OF				4.80.	V PEAK IS SUMMED STARTING -29.60 CHANNELS HIGHER.							
SR	PEAK IS AT CHANNEL 414.87 WITH HALFWIDTH OF				2090	1597*0394	148		1.617 +/- .008E	5	7.9	4.886 +/- .997E	-5 ZN
Y	1969 RB .16500	0 0.			4.80.	ZN PEAK IS SUMMED STARTING 39.40 CHANNELS HIGHER.							
ZR	PEAK IS AT CHANNEL 414.87 WITH HALFWIDTH OF 350 SR .16500	0 PB .05500			1648	1501*0284	137		1.172 +/- .006E	5	2.4	2.009 +/- 1.255E	-5 CU
NB	PEAK IS AT CHANNEL 414.87 WITH HALFWIDTH OF 232 Y .15200	0 0.			4.80.	CU PEAK IS SUMMED STARTING 28.40 CHANNELS HIGHER.							
MO	PEAK IS AT CHANNEL 414.87 WITH HALFWIDTH OF 1012 ZR .15900	0 0.			3173	4961*8090	229		8.083 +/- .041E	4	-28.6	-3.544 +/- .346E	-4 PB
NI	PEAK IS AT CHANNEL 414.87 WITH HALFWIDTH OF				7.01.	PB PEAK IS SUMMED STARTING *91.00 CHANNELS HIGHER.							
K	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				15747	3815*8230	242		7.514 +/- .232E	5	191.2	2.544 +/- .088E	-4 RB
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				7.01.	RB PEAK IS SUMMED STARTING *77.00 CHANNELS HIGHER.							
					4711	2592*8390	259		9.110 +/- .138E	5	33.9	3.726 +/- .249E	-5 SR
					7.01.	SR PEAK IS SUMMED STARTING *61.00 CHANNELS HIGHER.							
					6602	3110*8535	273		1.275 +/- .019E	6	24.4	1.913 +/- .200E	-5 Y
					7.01.	Y PEAK IS SUMMED STARTING *46.50 CHANNELS HIGHER.							
					11873	5161*8685	290		1.402 +/- .013E	6	101.9	7.272 +/- .267E	-5 ZR
					5828	4169*8865	306		1.962 +/- .018E	6	22.9	1.165 +/- .140E	-5 NB
					7.01.	NB PEAK IS SUMMED STARTING *13.50 CHANNELS HIGHER.							
					7820	7291*9050	326		2.803 +/- .026E	6	-7.7	-2.758 +/- 1.345E	-6 MO
					7.01.	MO PEAK IS SUMMED STARTING -95.00 CHANNELS HIGHER.							
					632	700*0200	126		5.452 +/- .028E	4	-1.1	-1.998 +/- 1.721E	-5 NI
					4.80.	NI PEAK IS SUMMED STARTING 20.00 CHANNELS HIGHER.							
					2513	1912*9365	43		4.042 +/- .020E	4	9.6	2.382 +/- .411E	-4 K
					4.80.	K PEAK IS SUMMED STARTING -63.50 CHANNELS HIGHER.							

8033 \$ BUR-239 PP2 PACOPAMPA C-
GAMMA SPECTRUM-B 5720+9

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 8.35CHANNELS
STD NUMBER 1 2 -572067 A SAMPLE WEIGHT = -0. MG DEAD TIME = .71 O/O EOB = 0. MJD
IRRADIATION TIME = .0. MIN DECAY TIME = *333.06580 DAYS COUNT TIME = 79.989 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43333.06580 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/ 8/1977 PST

8033 . BUR-240 PP3 PACOPAMPA AREA 1-A3
GAMMA SPECTRUM-B 572051

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 8.04 CHANNELS

STD NUMBER 1 2 -572067 A SAMPLE WEIGHT = -0. MG DEAD TIME = .65 0/0 EOB = 0. MJD
IRRADIATION TIME = J. MIN DECAY TIME = *333.11791 DAYS COUNT TIME = 79.993 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43333.11791 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/ 8/1977 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				637040	114468	385	387		5.812	+/- .012E	5	481523.0	.083 +/- 2.724E	1	
COH				110328	36210*0412	415			1.532	+/- .008E	3	1539.2	1.005 +/- .009E	0	
FE					11148	1521*0105	104		4.042	+/- .020E	4	199.9	4.947 +/- .065E	-3 FE	
CR						916	898*9784	85	1.980	+/- .010E	4		.4	1.888 +/- 4.334E	-5 CR
	FE PEAK IS AT CHANNEL	104.14	WITH HALFWIDTH OF		4.87.	CR PEAK IS SUMMED STARTING	-21.60	CHANNELS HIGHER.							
MN	12 FE	.00120	2 CR	.11000	1368	1065*9874	94		2.619	+/- .013E	4	6.0	2.295 +/- .438E	-4 MN	
	FE PEAK IS AT CHANNEL	104.14	WITH HALFWIDTH OF		4.87.	MN PEAK IS SUMMED STARTING	-12.60	CHANNELS HIGHER.							
TI	FE PEAK IS AT CHANNEL	104.14	WITH HALFWIDTH OF		1329	1154*9604	67		3.637	+/- .018E	3	3.6	9.991 +/- 4.177E	-4 TI	
CA	FE PEAK IS AT CHANNEL	104.14	WITH HALFWIDTH OF		4.87.	TI PEAK IS SUMMED STARTING	-39.60	CHANNELS HIGHER.							
	FE PEAK IS AT CHANNEL	104.14	WITH HALFWIDTH OF		1776	1357*9434	50		1.314	+/- .007E	3	8.7	6.625 +/- .885E	-3 CA	
V	FE PEAK IS AT CHANNEL	104.14	WITH HALFWIDTH OF		4.87.	CA PEAK IS SUMMED STARTING	-56.60	CHANNELS HIGHER.							
					938	945*9704	77		8.891	+/- .045E	3	-1	-1.635 +/- 9.702E	-5 V	
ZN	FE PEAK IS AT CHANNEL	104.14	WITH HALFWIDTH OF		4.87.	V PEAK IS SUMMED STARTING	-29.60	CHANNELS HIGHER.							
	FE PEAK IS AT CHANNEL	104.14	WITH HALFWIDTH OF		1619	1378*0394	148		1.617	+/- .008E	5	5.0	3.096 +/- 1.189E	-5 ZN	
CU	FE PEAK IS AT CHANNEL	104.14	WITH HALFWIDTH OF		4.87.	ZN PEAK IS SUMMED STARTING	39.40	CHANNELS HIGHER.							
PB	FE PEAK IS AT CHANNEL	104.14	WITH HALFWIDTH OF		1398	1352*0284	137		1.172	+/- .006E	5	1.0	.815 +/- 1.537E	-5 CU	
	PEAK IS AT CHANNEL	414.84	WITH HALFWIDTH OF		4.87.	CU PEAK IS SUMMED STARTING	28.40	CHANNELS HIGHER.							
RB	PEAK IS AT CHANNEL	414.84	WITH HALFWIDTH OF		2402	3201*8090	229		8.083	+/- .041E	4	-16.6	-2.053 +/- .364E	-4 PB	
					7.43.	PB PEAK IS SUMMED STARTING	*91.00	CHANNELS HIGHER.							
SR	PEAK IS AT CHANNEL	414.84	WITH HALFWIDTH OF		9538	2692*8230	242		7.514	+/- .232E	5	142.2	1.892 +/- .072E	-4 RB	
	PEAK IS AT CHANNEL	414.84	WITH HALFWIDTH OF		7.43.	RB PEAK IS SUMMED STARTING	*77.00	CHANNELS HIGHER.							
Y	PEAK IS AT CHANNEL	414.84	WITH HALFWIDTH OF		8409	2335*8390	259		9.110	+/- .138E	5	126.1	1.385 +/- .039E	-4 SR	
	1130 RB	.16500	0	0.	7.43.	SR PEAK IS SUMMED STARTING	*61.00	CHANNELS HIGHER.							
ZR	PEAK IS AT CHANNEL	414.84	WITH HALFWIDTH OF		4228	2216*8535	273		1.275	+/- .019E	6	18.3	1.437 +/- .215E	-5 Y	
NB	1002 SR	.16500	0	PB .05500	7.43.	ZR PEAK IS SUMMED STARTING	*46.50	CHANNELS HIGHER.							
	PEAK IS AT CHANNEL	414.84	WITH HALFWIDTH OF		3638	3003*8865	306		1.962	+/- .018E	6	10.4	5.301 +/- 1.518E	-6 NB	
MO	134 Y	.15200	0	0.	7.43.	NB PEAK IS SUMMED STARTING	*13.50	CHANNELS HIGHER.							
	PEAK IS AT CHANNEL	414.84	WITH HALFWIDTH OF		6358	5739*9050	326		2.803	+/- .026E	6	-8.5	-3.025 +/- 1.557E	-6 MO	
NI	1027 ZR	.15900	0	0.	7.43.	MO PEAK IS SUMMED STARTING	-95.00	CHANNELS HIGHER.							
	PEAK IS AT CHANNEL	414.84	WITH HALFWIDTH OF		575	616*0200	126		5.452	+/- .028E	4	-9	-1.562 +/- 2.100E	-5 NI	
K	FE PEAK IS AT CHANNEL	104.14	WITH HALFWIDTH OF		4.87.	NI PEAK IS SUMMED STARTING	20.00	CHANNELS HIGHER.							
	FE PEAK IS AT CHANNEL	104.14	WITH HALFWIDTH OF		2120	1585*9365	43		4.042	+/- .020E	4	11.1	2.749 +/- .485E	-4 K	
	COUNT RATE CORRECTION FOR LAST ELEMENT =				4.87.	K PEAK IS SUMMED STARTING	-63.50	CHANNELS HIGHER.							

8033 [BUR-241 PP+ PACOPAMPA P
GAMMA SPECTRUM-B 572053

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.87CHANNELS
STD NUMBER 12 -572067 A SAMPLE WEIGHT = -0. MG DEAD TIME = .74 O/O EOB = 0. MJD
IRRADIATION TIME = . MIN DECAY TIME = *333.17796 DAYS COUNT TIME = 79.992 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43333.17796 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/ 8/1977 PST

8033 # BUR-242 PP5 PACOPAMPA C-3
GAMMA SPECTRUM-B 572055

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.83CHANNELS
STD NUMBER 1 2 -572067 A SAMPLE WEIGHT = -.0. MG DEAD TIME = .56 O/O EOB = 0. MJD
IRRADIATION TIME = .0. MIN DECAY TIME = *333.23006 DAYS COUNT TIME = 79.993 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43333.23006 MJD PILL THICKNESS = -.0. MILS SPECTRUM BEGAN 7/ 8/1977 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					EOB	ABUNDANCE		
INCOH				595317	104586	385	387	5.812 +/- .012E	5	449682.0	.077 +/- 2.607E	1		
COH				102835	34116*0412	415		1.532 +/- .008E	3	1528.2	.998 +/- .010E	-0		
FE					9935	1273*0105	104	4.042 +/- .020E	4	192.6	4.766 +/- .065E	-3	FE	
CR						831	812*9784	85	1.980 +/- .010E	4	.4	2.134 +/- 4.404E	-5	CR
MN	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF 10 FE	.00120	2 CR	.11000	1268	906*9874	94	2.619 +/- .013E	4	7.8	2.968 +/- .443E	-4	MN	
TI	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				4.61.	MN PEAK IS SUMMED STARTING -12.60 CHANNELS HIGHER.								
CA	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				1195	1056*9604	67	3.637 +/- .018E	3	3.1	8.498 +/- 4.253E	-4	TI	
V	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				1645	1244*9434	50	1.314 +/- .007E	3	8.9	6.789 +/- .909E	-3	CA	
ZN	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				882	929*9704	77	8.891 +/- .045E	3	-1.0	-1.175 +/- 1.018E	-4	V	
CU	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				1471	1232*0394	148	1.617 +/- .008E	5	5.3	3.288 +/- 1.206E	-5	ZN	
PB	PEAK IS AT CHANNEL 414.95 WITH HALFWIDTH OF				1154	1182*0284	137	1.172 +/- .006E	5	-.6	-.531 +/- 1.538E	-5	CU	
RB	PEAK IS AT CHANNEL 414.95 WITH HALFWIDTH OF				2179	3064*8090	229	8.083 +/- .041E	4	-19.7	-2.435 +/- .380E	-4	PB	
SR	PEAK IS AT CHANNEL 414.95 WITH HALFWIDTH OF				7.27.	PB PEAK IS SUMMED STARTING *91.00 CHANNELS HIGHER.								
Y	1032 RB .16500	0	0.		8787	2532*8230	242	7.514 +/- .232E	5	139.1	1.851 +/- .071E	-4	RB	
ZR	PEAK IS AT CHANNEL 414.95 WITH HALFWIDTH OF 899 SR .16500	0	PB .05500		7.27.	RB PEAK IS SUMMED STARTING *77.00 CHANNELS HIGHER.								
NB	96 Y .15200	0	0.		7623	2174*8390	259	9.110 +/- .138E	5	121.2	1.330 +/- .040E	-4	SR	
MO	915 ZR .15900	0	0.		7.27.	SR PEAK IS SUMMED STARTING *61.00 CHANNELS HIGHER.								
NI	PEAK IS AT CHANNEL 414.95 WITH HALFWIDTH OF				3805	2139*8535	273	1.275 +/- .019E	6	14.1	1.105 +/- .223E	-5	Y	
K	PEAK IS AT CHANNEL 414.95 WITH HALFWIDTH OF				7.27.	Y PEAK IS SUMMED STARTING *46.50 CHANNELS HIGHER.								
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				7.27.	ZR PEAK IS SUMMED STARTING *31.50 CHANNELS HIGHER.								
					3431	2948*8865	306	1.962 +/- .018E	6	128.0	9.134 +/- .332E	-5	ZR	
					5809	5295*9050	326	2.803 +/- .026E	6	8.6	4.382 +/- 1.604E	-6	NB	
					510	456*0200	126	5.452 +/- .028E	4	-8.9	-3.184 +/- 1.597E	-6	MO	
					1927	1416*9365	43	4.042 +/- .020E	4	1.2	2.203 +/- 1.971E	-5	NI	
					4.61.	NI PEAK IS SUMMED STARTING 20.00 CHANNELS HIGHER.				11.4	2.812 +/- .493E	-4	K	
					4.61.	K PEAK IS SUMMED STARTING -63.50 CHANNELS HIGHER.								

8033 → BUR-243 PPS PACOPAMPA AREA 1-A2
GAMMA SPECTRUM-B 572058

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.86CHANNELS

STD NUMBER 1 2 -572067 A SAMPLE WEIGHT = -0. MG DEAD TIME = .75 0/0 EOB = 0. MJD
IRRADIATION TIME =). MIN DECAY TIME = *333.28609 DAYS COUNT TIME = 79.991 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43333.28609 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/ 8/1977 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					732785	128444	385	387	5.812 +/- .012E 5	563292.0	.097 +/- 2.883E 1		
COH					125170	42478*0412	415		1.532 +/- .008E 3	1468.0	.958 +/- .009E -0		
FE					12489	1693*0105	104		4.042 +/- .020E 4	191.7	4.742 +/- .059E -3	FE	
CR					1027	1013*9784	85		1.980 +/- .010E 4	.2	1.255 +/- 3.935E -5	CR	
MN	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF 13 FE .00120	2 CR .11000			1560	1211*9874	94		2.619 +/- .013E 4	5.9	2.267 +/- .401E -4	MN	
TI	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				4.56.	CR PEAK IS SUMMED STARTING 4.56.			3.637 +/- .018E 3	5.9	1.611 +/- .366E -3	TI	
CA	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				2007	1497*9434	50		1.314 +/- .007E 3	9.1	6.893 +/- .799E -3	CA	
V	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				4.56.	TI PEAK IS SUMMED STARTING 4.56.			8.891 +/- .045E 3	-.9	-1.058 +/- .882E -4	V	
ZN	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				1761	1530*0394	148		1.617 +/- .008E 5	4.1	2.537 +/- 1.068E -5	ZN	
CU	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				4.56.	ZN PEAK IS SUMMED STARTING 4.56.			1.172 +/- .006E 5	1.5	1.242 +/- 1.328E -5	CU	
PB	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				1457	1375*0284	137		8.083 +/- .041E 4	-18.5	-2.291 +/- .335E -4	PB	
RB	PEAK IS AT CHANNEL 414.93 WITH HALFWIDTH OF				2692	3735*8090	229		7.514 +/- .232E 5	131.1	1.745 +/- .066E -4	RB	
SR	PEAK IS AT CHANNEL 414.93 WITH HALFWIDTH OF				10694	3307*8230	242		7.35.	RB PEAK IS SUMMED STARTING 7.35.	*77.00 CHANNELS HIGHER.		
Y	PEAK IS AT CHANNEL 414.93 WITH HALFWIDTH OF 1219 RB .16500	0 0.			9295	2759*8390	259		9.110 +/- .138E 5	116.0	1.274 +/- .036E -4	SR	
ZR	PEAK IS AT CHANNEL 414.93 WITH HALFWIDTH OF 1078 SR .16500	0 PB .05500			4778	2469*8535	273		1.275 +/- .019E 6	19.4	1.517 +/- .195E -5	Y	
NB	PEAK IS AT CHANNEL 414.93 WITH HALFWIDTH OF 166 Y .15200	0 0.			7.35.	ZR PEAK IS SUMMED STARTING 7.35.			1.402 +/- .013E 6	127.7	9.108 +/- .290E -5	ZR	
MO	PEAK IS AT CHANNEL 414.93 WITH HALFWIDTH OF 1143 ZR .15900	0 0.			12833	4564*8685	290		1.962 +/- .018E 6	11.1	5.639 +/- 1.379E -6	NB	
NI	PEAK IS AT CHANNEL 414.93 WITH HALFWIDTH OF				4166	3377*8865	306		2.803 +/- .026E 6	-4.4	-1.579 +/- 1.380E -6	MO	
K	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				636	636*0200	126		5.452 +/- .028E 4	.0	.000 +/- 3.672E -5	NI	
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				4.56.	NI PEAK IS SUMMED STARTING 4.56.			4.042 +/- .020E 4	9.6	2.385 +/- .446E -4	K	
	FE PEAK IS AT CHANNEL 104.24 WITH HALFWIDTH OF				2360	1817*9365	43		4.56.	K PEAK IS SUMMED STARTING	-63.50 CHANNELS HIGHER.		

8033 ^ BUR-244 MPI MACHAYPUNGU, CHOTA
GAMMA SPECTRUM-B 572060

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.84 CHANNELS

STD NUMBER 1 2 -572067 A SAMPLE WEIGHT = -0. MG DEAD TIME = .76 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = *333.34620 DAYS COUNT TIME = 79.992 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43333.34620 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/ 9/1977 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					756435	132603	385	387	5.812 +/- .012E 5	582783.0	.100 +/- 2.935E 1		
COH					131057	43167*0412	415		1.532 +/- .008E 3	1508.1	.985 +/- .009E -0		
FE					13141	1642*0105	104		4.042 +/- .020E 4	197.3	4.882 +/- .059E -3	FE	
CR					1053	1007*9784	85		1.980 +/- .010E 4	.8	3.986 +/- 3.812E -5	CR	
MN	FE PEAK IS AT CHANNEL 104.27 WITH HALFWIDTH OF 14 FE	.00120		5 CR .11000	1595	1166*9874	94		2.619 +/- .013E 4	7.0	2.687 +/- .385E -4	MN	
TI	FE PEAK IS AT CHANNEL 104.27 WITH HALFWIDTH OF 14.27	.00120		5 CR .11000	1508	1323*9604	67		3.637 +/- .018E 3	3.2	8.727 +/- 3.684E -4	TI	
CA	FE PEAK IS AT CHANNEL 104.27 WITH HALFWIDTH OF 14.27	.00120		5 CR .11000	2005	1535*9434	50		1.314 +/- .007E 3	8.1	6.140 +/- .777E -3	CA	
V	FE PEAK IS AT CHANNEL 104.27 WITH HALFWIDTH OF 14.27	.00120		5 CR .11000	1135	1123*9704	77		8.891 +/- .045E 3	.2	2.316 +/- 8.783E -5	V	
ZN	FE PEAK IS AT CHANNEL 104.27 WITH HALFWIDTH OF 14.27	.00120		5 CR .11000	1889	1475*0394	148		1.617 +/- .008E 5	7.1	4.394 +/- 1.024E -5	ZN	
CU	FE PEAK IS AT CHANNEL 104.27 WITH HALFWIDTH OF 14.27	.00120		5 CR .11000	1525	1339*0284	137		1.172 +/- .006E 5	3.2	2.723 +/- 1.277E -5	CU	
PB	PEAK IS AT CHANNEL 415.01 WITH HALFWIDTH OF 1162 SR .16500			0 PB .05500	2773	3966*8090	229		8.083 +/- .041E 4	-20.5 -2.533	+/- .333E -4	PB	
RB	PEAK IS AT CHANNEL 415.01 WITH HALFWIDTH OF 1360 RB .16500			0 PB .05500	11214	2971*8230	242		7.514 +/- .232E 5	141.4	1.882 +/- .069E -4	RB	
SR	PEAK IS AT CHANNEL 415.01 WITH HALFWIDTH OF 1360 RB .16500			0 PB .05500	7.19.	RB PEAK IS SUMMED STARTING *77.00 CHANNELS HIGHER.							
Y	PEAK IS AT CHANNEL 415.01 WITH HALFWIDTH OF 129 Y .15200			0 PB .05500	9861	2819*8390	259		9.110 +/- .138E 5	120.8	1.326 +/- .036E -4	SR	
ZR	PEAK IS AT CHANNEL 415.01 WITH HALFWIDTH OF 129 Y .15200			0 PB .05500	7.19.	SR PEAK IS SUMMED STARTING *61.00 CHANNELS HIGHER.							
NB	PEAK IS AT CHANNEL 415.01 WITH HALFWIDTH OF 1145 ZR .15900			0 PB .05500	13797	5431*8685	291		1.402 +/- .013E 6	123.6	8.820 +/- .299E -5	ZR	
MO	PEAK IS AT CHANNEL 415.01 WITH HALFWIDTH OF 1145 ZR .15900			0 PB .05500	7.19.	ZR PEAK IS SUMMED STARTING *31.50 CHANNELS HIGHER.							
NI	PEAK IS AT CHANNEL 415.01 WITH HALFWIDTH OF 655 584*0200			0 PB .05500	4291	3674*8865	307		1.962 +/- .018E 6	8.4	4.264 +/- 1.382E -6	NB	
K	FE PEAK IS AT CHANNEL 104.27 WITH HALFWIDTH OF 655 584*0200			0 PB .05500	7265	6708*9050	326		2.803 +/- .026E 6	-10.1 -3.602	+/- 1.388E -6	MO	
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				7.19.	MO PEAK IS SUMMED STARTING *13.50 CHANNELS HIGHER.							
					655	584*0200	126		5.452 +/- .028E 4	1.2	2.235 +/- 1.721E -5	NI	
					4.85.	NI PEAK IS SUMMED STARTING 20.00 CHANNELS HIGHER.							
					2448	1824*9365	43		4.042 +/- .020E 4	10.7	2.649 +/- .432E -4	K	
					4.85.	K PEAK IS SUMMED STARTING -63.50 CHANNELS HIGHER.							

8033 ♀ BUR-245 CP1 CHIRIPA, H7 NO. 25, 1220 BC
GAMMA SPECTRUM-B 572062

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.96CHANNELS
STD NUMBER 1 2 -572067 A SAMPLE WEIGHT = -0. MG DEAD TIME = .74 O/O EOB = 0. MJD
IRRADIATION TIME = . MIN DECAY TIME = *333.39832 DAYS COUNT TIME = 79.992 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43333.39832 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/ 9/1977 PST

8033 > BUR-238 PPL PACOFAMPA C-6A
GAMMA SPECTRUM-B 572046

THE IN (23.1 keV) PEAK HAS A HALFWIDTH OF 8.00 CHANNELS

STD NUMBER 1 2 -572067 A SAMPLE WEIGHT = -0. MG DEAD TIME = .79 0/0 EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = *333.00566 DAYS COUNT TIME = 79.988 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43333.00566 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/ 8/1977 PST

8033 : BUR-246 CP2 CHIRIPA, C7 NO. 5, TIAHUANACO
GAMMA SPECTRUM-B 572064

THE IN {23.11KEV} PEAK HAS A HALFWIDTH OF 7.77 CHANNELS

STD NUMBER 1 2 -572067 A SAMPLE WEIGHT = -0. MG DEAD TIME = .60 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = *333.45443 DAYS COUNT TIME = 79.995 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43333.45443 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/ 9/1977 PST