

DATE 21 JUN 78
BOMB 8033
IDECK 13

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

TAGWORD	PILL	ERROR	PPM BARIUM
572090	B	H	*492.50
572088	A	H	713.00
572040	A	H	713.00
572091	C	H	1.23
572093	D	H	741.82
572095	E	H	765.33
572096	F	H	756.33
572098	G	H	741.22
572099	H	H	725.76
572000	I	H	761.93
572001	J	H	743.62
572002	K	H	678.61
572003	L	H	744.99
572004	M	H	762.38
572005	N	H	746.80
572006	O	H	400.50
572007	P	H	763.14
572008	Q	H	1122.18
572009	R	H	768.44
572010	S	H	770.80
572011	T	H	752.59
572012	U	H	727.31
572013	V	H	823.57
572014	W	H	769.60
572015	X	H	795.02
572016	Y	H	792.84
572017	Z	H	723.55
572018	1	H	590.53
572019	2	H	561.40
572020	3	H	569.32
572021	4	H	544.53
572022	5	H	550.00
572023	6	H	118.87
572024	7	H	123.87
572025	8	H	127.81
572026	9	H	117.71
572027	+	H	132.66
572028	-	H	100.27
572029	*	H	691.79

572030	/	H	+	121.60
572031	>	H	+	677.89
572032	\$	H		690.01
572033	.	H		727.91
572034	L	H	+	732.26
572035	#	H	+	735.69
572036	>	H		679.59
572037	^	H	+	708.21
572038	†	H		545.34
572039	;	H		129.55
572042	C	H		5.34
572043	D	H		715.88
572044	E	H		763.57
572045	F	H		737.52
572046	G	H		728.15
572147	H	H		723.04

8033 B BACK BACKGROUND
GAMMA SPECTRUM-B 572090

WEIGHT OF STD = 100.00000 MG EOB = 0. MJD IRRADIATION TIME = 0. MIN DECAY TIME = *334.10550 DAYS
COUNT TIME = 39.997 MIN C/SEC BEG. = 0 C/SEC END = 0 START TIME = 43334.10550 MJD

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.72CHANNELS

STANDARD LIFE DAYS	HALF GAMMA ENERGY KEV	ELEMENT FRACTION OF STANDARD	GROSS	BKGD	BKGD	APPR	REAL	N	I	APPROX	CPM	ISOTOPE	CALCULATED
			COUNTS	COUNTS	OPT. MULT.	PEAK	PEAK CH	SP	BKGD	ABUND.	O/D	FLUX	
1	BKSCAT-0.	*0060 1.000 +/-0.	E -1	6725	0 -41 .000	489	489	27	2	13	6725.0	-0.	6.725 +/- .082E 4
1	SN -0.	*0025 1.000 +/-0.	E -1	17071	264 -16-0.	*0233	234	7	0	7	24991.8	-0.	2.499 +/- .020E 5
1	BA -0.	*0032 7.130 +/-0.	E -4	93	60 -7-0.	*0630	304	14	1	8	49.1	-0.	6.882 +/- 3.188E 4
		SN PEAK IS AT CHANNEL 234.11 WITH HALFWIDTH OF		4.71.	BA PEAK IS INTEGRATED BEGINNING EXACTLY						63.00 CHANNELS HIGHER.		
1	LA -0.	*0033 4.490 +/-0.	E -5	77	44 -6-0.	*0780	317	11	0	6	49.1	-0.	1.093 +/- .592E 6
		SN PEAK IS AT CHANNEL 234.11 WITH HALFWIDTH OF		4.71.	LA PEAK IS INTEGRATED BEGINNING EXACTLY						78.00 CHANNELS HIGHER.		
1	CE -0.	*0035 8.030 +/-0.	E -5	94	145 -8-0.	*0900	331	14	0	9	-75.8	-0.	-9.444 +/- -6.135E 5
		SN PEAK IS AT CHANNEL 234.11 WITH HALFWIDTH OF		4.71.	CE PEAK IS INTEGRATED BEGINNING EXACTLY						90.00 CHANNELS HIGHER.		

8033 B BACK BACKGROUND
GAMMA SPECTRUM-B 572090

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.72CHANNELS
 STD NUMBER 1 -572090 B SAMPLE WEIGHT = 100.00000 MG DEAD TIME = .05 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = *334.10550 DAYS COUNT TIME = 39.997 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 43334.10550 MJD PILL THICKNESS = -.0. MILS SPECTRUM BEGAN 7/ 9/1977 PST

8033 A STD POT STANDARD POTTERY
GAMMA SPECTRUM-B 572088

WEIGHT OF STD = 100.00000 MG EOB = 0. MJD IRRADIATION TIME = 0. MIN DECAY TIME = *334.07751 DAYS
COUNT TIME = 39.997 MIN C/SEC BEG. = 0 C/SEC END = 0 START TIME = 43334.07751 MJD

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.78CHANNELS

STANDARD	HALF LIFE	GAMMA ENERGY	ELEMENT FRACTION	GROSS COUNTS	BKGD COUNTS	BKGD OPT.	BKGD MULT.	APPR PEAK CHAN	REAL PEAK CHAN	N CHAN	I CHAN	APPROX BKGD CHAN	CPM	ISOTOPE ABUND. O/O	CALCULATED FLUX
	DAYS	KEV	OF STANDARD												
1	BKSCAT-0.	*0060	1.000 +/-0.	E -1	86956	0	-41	.000 489	490 27	2	13	80231.0	-0.	8.023 +/- .029E	5
1	SN -0.	*0025	1.000 +/-0.	E -1	20559	846	-16-0.	*0233 234	7 0	7		2457.0	-0.	2.457 +/- .019E	4
1	BA -0.	*0032	7.130 +/-0.	E -4	5765	820	-7-0.	*0630 304	14 1	8		616.3	-0.	8.644 +/- .153E	5
	SN PEAK IS AT CHANNEL	234.06	WITH HALFWIDTH OF		4.83.	BA PEAK IS INTEGRATED BEGINNING EXACTLY							63.00 CHANNELS HIGHER.		
1	LA -0.	*0033	4.490 +/-0.	E -5	762	539	-6-0.	*0780 317	11 0	6		27.8	-0.	6.190 +/- 1.695E	5
	SN PEAK IS AT CHANNEL	234.06	WITH HALFWIDTH OF		4.83.	LA PEAK IS INTEGRATED BEGINNING EXACTLY							78.00 CHANNELS HIGHER.		
1	CE -0.	*0035	8.030 +/-0.	E -5	1135	634	-8-0.	*0900 331	14 0	9		62.4	-0.	7.776 +/- 1.158E	5
	SN PEAK IS AT CHANNEL	234.06	WITH HALFWIDTH OF		4.83.	CE PEAK IS INTEGRATED BEGINNING EXACTLY							90.00 CHANNELS HIGHER.		

8033 A STD POT STANDARD POTTERY
GAMMA SPECTRUM-B 572088

THE IN {23.11KEV} PEAK HAS A HALFWIDTH OF 4.78CHANNELS
 STD NUMBER 1 -572088 A SAMPLE WEIGHT = 100.00000 MG DEAD TIME = .30 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = *334.07751 DAYS COUNT TIME = 39.997 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 43334.07751 MJD PILL THICKNESS = -.0. MILS SPECTRUM BEGAN 7/ 9/1977 PST

8033 A STD POT STANDARD POTTERY
GAMMA SPECTRUM-B 572040

WEIGHT OF STD = 100.00000 MG EOB = 0. MJD IRRADIATION TIME = 0. MIN DECAY TIME = *335.42724 DAYS
COUNT TIME = 39.996 MIN C/SEC BEG. = 0 C/SEC END = 0 START TIME = 43335.42724 MJD

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.90CHANNELS

STANDARD HALF GAMMA LIFE ENERGY	ELEMENT FRACTION OF STANDARD	GROSS COUNTS	BKGD COUNTS	BKGD OPT.	BKGD MULT.	APPR PEAK CH	REAL PEAK CH	N SP	I APPROX CHAN	CPM BKGD CHAN	ISOTOPE ABUND.	CALCULATED FLUX
DAYS KEV						CHAN	CHAN			O/O		
2 BKSCAT-0.	*0060 1.000 +/-0.	E -1	86708	0 -41	.000 489	490 27	2 13	79983.0	-0.	7.998 +/- .029E	5	
2 SN -0.	*0025 1.000 +/-0.	E -1	20494	916 -16-0.	*0233 235	7 0	7	2447.8	-0.	2.448 +/- .019E	4	
2 BA -0.	*0032 7.130 +/-0.	E -4	5750	838 -7-0.	*0630 304	14 1	8	614.1	-0.	8.613 +/- .154E	5	
	SN PEAK IS AT CHANNEL	234.27 WITH HALFWIDTH OF	4.87.	BA PEAK IS INTEGRATED BEGINNING EXACTLY					63.00 CHANNELS HIGHER.			
2 LA -0.	*0033 4.490 +/-0.	E -5	737	517 -6-0.	*0780 317	11 0	6	27.5	-0.	6.126 +/- 1.666E	5	
	SN PEAK IS AT CHANNEL	234.27 WITH HALFWIDTH OF	4.87.	LA PEAK IS INTEGRATED BEGINNING EXACTLY					78.00 CHANNELS HIGHER.			
2 CE -0.	*0035 8.030 +/-0.	E -5	1085	567 -8-0.	*0900 331	14 0	9	64.8	-0.	8.065 +/- 1.108E	5	
	SN PEAK IS AT CHANNEL	234.27 WITH HALFWIDTH OF	4.87.	CE PEAK IS INTEGRATED BEGINNING EXACTLY					90.00 CHANNELS HIGHER.			

8033 A STD POT STANDARD POTTERY
GAMMA SPECTRUM-B 572040

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.90CHANNELS
 STD NUMBER 2 -572040 A SAMPLE WEIGHT = 100.00000 MG DEAD TIME = .31 0/0 EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = *335.42724 DAYS COUNT TIME = 39.996 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 43335.42724 MJD PILL THICKNESS = -.0. MILS SPECTRUM BEGAN 7/11/1977 PST

8033 C PLAST THICK PLASTIC
GAMMA SPECTRUM-B 572042

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.04CHANNELS
 STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -0. MG DEAD TIME = .28 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = *335.48717 DAYS COUNT TIME = 39.997 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 43335.48717 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/11/1977 PST

8033 C PLAST THICK PLASTIC
GAMMA SPECTRUM-B 572091

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.77CHANNELS

STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -0. MG DEAD TIME = .27 0/0 EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = *334.13743 DAYS COUNT TIME = 39.998 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43334.13743 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/ 9/1977 PST

8033 D BUR-202 CV4 CHAVIN, AN6-18-E1-
GAMMA SPECTRUM-B 572043

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.82CHANNELS
 STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -0. MG DEAD TIME = .31 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = *335.51115 DAYS COUNT TIME = 39.998 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 43335.51115 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/11/1977 PST

8033 D BUR-202 CV4 CHAVIN, AN6-18-E1-
GAMMA SPECTRUM-B 572093

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.66CHANNELS
STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -0. MG DEAD TIME = .30 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = *334.16141 DAYS COUNT TIME = 39.996 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43334.16141 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/ 9/1977 PST

8033 E BUR-203 CV5 CHAVIN, AN6-18-A4-
GAMMA SPECTRUM-B 572044

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.84CHANNELS
STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -0. MG DEAD TIME = .33 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = *335.53915 DAYS COUNT TIME = 39.997 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43335.53915 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/11/1977 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										
BKSCAT							91520	0	489	488	8.011 +/- .021E 5		84795.0	.106 +/- 3.776E 0		
SN							19834	903*0233	234	2.452 +/- .013E 4		2232.6	9.103 +/- .088E -2	SN		
BA							6343	756*0630	304	8.629 +/- .109E 5		658.9	7.636 +/- .156E -4	BA		
LA	SN PEAK IS AT CHANNEL 234.22 WITH HALFWIDTH OF	4.88.	BA PEAK IS SUMMED STARTING 63.00 CHANNELS HIGHER.													
LA	SN PEAK IS AT CHANNEL 234.22 WITH HALFWIDTH OF	4.88.	BA PEAK IS SUMMED STARTING 63.00 CHANNELS HIGHER.				587	418*0780	317	6.158 +/- 1.188E 5		19.9	3.237 +/- 1.204E -5	LA		
CE	SN PEAK IS AT CHANNEL 234.22 WITH HALFWIDTH OF	4.88.	LA PEAK IS SUMMED STARTING 78.00 CHANNELS HIGHER.													
CE	SN PEAK IS AT CHANNEL 234.22 WITH HALFWIDTH OF	4.88.	CE PEAK IS SUMMED STARTING 90.00 CHANNELS HIGHER.				913	556*0900	331	7.927 +/- .801E 5		42.1	5.311 +/- 1.161E -5	CE		
COUNT RATE CORRECTION FOR LAST ELEMENT = I																

8033 E BUR-203 CV5 CHAVIN, AN6-18-A4-
GAMMA SPECTRUM-B 572095

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.83CHANNEL

STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -0. MG DEAD TIME = .31 0/0 EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = *334.18941 DAYS COUNT TIME = 39.997 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43334.18941 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/ 9/1977 PST

8033 F BUR-204 CV6 CHAVIN, AN6-18-E1-
GAMMA SPECTRUM-B 572045

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.68CHANNELS
 STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -0. MG DEAD TIME = .27 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = *335.56716 DAYS COUNT TIME = 39.996 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 43335.56716 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/11/1977 PST

NUCLIDE	COUNTS REMOVED FROM PEAK						GROSS COUNTS	BKGD COUNTS	APPR PEAK	REAL PEAK	I X	FLUX(N/MIN-CM2)		CPM EOB	ELEMENT ABUNDANCE	ELEMENT
	COUNTS	EL	MULT	COUNTS	EL	MULT										
BKSCAT							74607	0	489	489	8.011 +/- .021E 5		67882.0	.085 +/- 3.410E 0		
SN							19544	882*0233	234	2.452 +/- .013E 4		2749.2	.112 +/- .001E -0	SN		
BA							5005	685*0630	304	8.629 +/- .109E 5		636.4	7.375 +/- .167E -4	BA		
LA	SN PEAK IS AT CHANNEL 234.24 WITH HALFWIDTH OF	4.69.	BA PEAK IS SUMMED STARTING 63.00 CHANNELS HIGHER.													
LA	507	368*0780	317	6.158 +/- 1.188E 5		20.5	3.325 +/- 1.365E -5	LA								
CE	SN PEAK IS AT CHANNEL 234.24 WITH HALFWIDTH OF	4.69.	LA PEAK IS SUMMED STARTING 78.00 CHANNELS HIGHER.													
CE	784	524*0900	331	7.927 +/- .801E 5		38.3	4.832 +/- 1.333E -5	CE								
CE	SN PEAK IS AT CHANNEL 234.24 WITH HALFWIDTH OF	4.69.	CE PEAK IS SUMMED STARTING 90.00 CHANNELS HIGHER.													
COUNT RATE CORRECTION FOR LAST ELEMENT = I																

8033 F BUR-204 CV6 CHAVIN, AN6-18-E1-
GAMMA SPECTRUM-B 572096

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.71 CHANNEL

STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -0. MG DEAD TIME = .26 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = *334.21741 DAYS COUNT TIME = 39.997 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43334.21741 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/ 9/1977 PST

8033 G BUR-205 CV7 CHAVIN, AN6-18-A4-F
GAMMA SPECTRUM-B 572046

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.85CHANNELS
 STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -0. MG DEAD TIME = .29 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = *335.59514 DAYS COUNT TIME = 39.998 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 43335.59514 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/11/1977 PST

8033 G BUR-205 CV7 CHAVIN, AN6-18-A4-
GAMMA SPECTRUM-B 572098

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.77 CHANNELS

STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -0. MG DEAD TIME = .32 0/0 EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = *334.24540 DAYS COUNT TIME = 39.997 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43334.24540 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/ 9/1977 PST

8033 H BUR-206 CV8 CHAVIN, AN6-18-A3-C
GAMMA SPECTRUM-B 572147

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.85CHANNELS
STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -0. MG DEAD TIME = .28 0/0 EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = *335.62714 DAYS COUNT TIME = 39.998 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43335.62714 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/11/1977 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS COUNTS	BKGD COUNTS	APPR PEAK COUNTS	REAL PEAK COUNTS	I X	FLUX(N/MIN-CM ²)	CPM	ELEMENT	ELEMENT
	COUNTS	EL	MULT	COUNTS									
BKSCAT				75982	0	489	490		8.011 +/- .021E 5	69257.0	.086	+/- 3.441E 0	01
SN				19635	821*0233	234			2.452 +/- .013E 4	2716.5	.111	+/- .001E -0	SN
BA				4961	640*0630	304			8.629 +/- .109E 5	623.9	7.230	+/- .163E -4	BA
LA	SN PEAK IS AT CHANNEL 234.20 WITH HALFWIDTH OF 4.86.			BA PEAK IS SUMMED STARTING 63.00 CHANNELS HIGHER.									
CE	LA PEAK IS SUMMED STARTING 78.00 CHANNELS HIGHER.			493	369*0780	317			6.158 +/- 1.188E 5	17.9	2.908	+/- 1.304E -5	LA
CE	CE PEAK IS SUMMED STARTING 90.00 CHANNELS HIGHER.			804	592*0900	331			7.927 +/- .801E 5	30.6	3.861	+/- 1.339E -5	CE
	COUNT RATE CORRECTION FOR LAST ELEMENT = I												

49.6

38.6

2088.2

49.1

8033 H BUR-206 CV8 CHAVIN, AN6-18-A3-
GAMMA SPECTRUM-B 572099

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.66CHANNELS
 STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -0. MG DEAD TIME = .27 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = *334.27739 DAYS COUNT TIME = 39.997 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 43334.27739 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/9/1977 PST

8033 I BUR-207 CV9 CHAVIN, AN6-18-E1-1
GAMMA SPECTRUM-B 572000

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.94 CHANNELS

THE IN (25.11KEV) PEAK HAS A HALF WIDTH OF 40 CHANNELS
STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -0. MG DEAD TIME = .26 0/0 EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = *334.30138 DAYS COUNT TIME = 39.997 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43334.30138 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/ 9/1977 PST

8033 J BUR-208 CV10 CHAVIN, AN6-18-A3-
GAMMA SPECTRUM-B 572001

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.79CHANNELS
STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -0. MG DEAD TIME = .29 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = *334.32937 DAYS COUNT TIME = 39.997 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43334.32937 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/ 9/1977 PST

8033 K BUR-209 CV11 CHAVIN, AN6-18-D2-M
GAMMA SPECTRUM-B 572002

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.86CHANNELS
 STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -0. MG DEAD TIME = .24 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = *334.35737 DAYS COUNT TIME = 39.997 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 43334.35737 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/10/1977 PST

8033 L BUR-210 CV12 CHAVIN, AN6-18-D2-
GAMMA SPECTRUM-B 572003

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.83CHANNELS
 STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -0. MG DEAD TIME = .28 0/0 EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = *334.38534 DAYS COUNT TIME = 39.998 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 43334.38534 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/10/1977 PST

8033 M BUR-211 CV13 CHAVIN, AN6-18-D2-M
GAMMA SPECTRUM-B 572004

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.04CHANNELS
STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -0. MG DEAD TIME = .31 0/0 EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = *334.41733 DAYS COUNT TIME = 39.998 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43334.41733 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/10/1977 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS COUNTS	BKGD COUNTS	APPR PEAK COUNTS	REAL PEAK COUNTS	I X	FLUX(N/MIN-CM ²)	CPM EOB	ELEMENT ABUNDANCE	ELEMENT
	COUNTS	EL	MULT	COUNTS									
BKSCAT				84022	0	489	490		8.011 +/- .021E 5	77297.0	.096 +/- 3.618E 0		
SN				20681	903*0233	234			2.452 +/- .013E 4	2558.7	.104 +/- .001E -0	SN	
BA				5852	767*0630	304			8.629 +/- .109E 5	657.9	7.624 +/- .163E -4	BA	
LA	SN PEAK IS AT CHANNEL 234.20 WITH HALFWIDTH OF 5.05.			BA PEAK IS SUMMED STARTING 63.00 CHANNELS HIGHER.									
CE	SN PEAK IS AT CHANNEL 234.20 WITH HALFWIDTH OF 5.05.			LA PEAK IS SUMMED STARTING 78.00 CHANNELS HIGHER.									
CE	SN PEAK IS AT CHANNEL 234.20 WITH HALFWIDTH OF 5.05.			CE PEAK IS SUMMED STARTING 90.00 CHANNELS HIGHER.									
	COUNT RATE CORRECTION FOR LAST ELEMENT = I												

61

50

40

30

20

10

0

8033 N BUR-212 CV14 CHAVIN, AN6-18-A4-1
GAMMA SPECTRUM-B 572005

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.86CHANNELS
 STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -0. MG DEAD TIME = .28 0/0 EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = *334.44133 DAYS COUNT TIME = 39.997 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 43334.44133 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/10/1977 PST

NUCLIDE	COUNTS REMOVED FROM PEAK						GROSS COUNTS	BKGD COUNTS	APPR PEAK	REAL PEAK	I X	FLUX(N/MIN-CM2)		CPM EOB	ELEMENT	ELEMENT ABUNDANCE
	COUNTS	EL	MULT	COUNTS	EL	MULT										
BKSCAT							75067	0	489	491	8.011 +/- .021E 5		68342.0	.085 +/- 3.420E 0		
SN							21175	897*0233	234	2.452 +/- .013E 4		2967.1	.121 +/- .001E -0	SN		
BA							5101	697*0630	304	8.629 +/- .109E 5		644.4	7.468 +/- .168E -4	BA		
LA	SN PEAK IS AT CHANNEL 234.21 WITH HALFWIDTH OF	4.87.	BA PEAK IS SUMMED STARTING 63.00 CHANNELS HIGHER.													
LA	SN PEAK IS AT CHANNEL 234.21 WITH HALFWIDTH OF	4.87.	BA PEAK IS SUMMED STARTING 63.00 CHANNELS HIGHER.				544	369*0780	317	6.158 +/- 1.188E 5		25.6	4.158 +/- 1.448E -5	LA		
CE	SN PEAK IS AT CHANNEL 234.21 WITH HALFWIDTH OF	4.87.	LA PEAK IS SUMMED STARTING 78.00 CHANNELS HIGHER.													
CE	SN PEAK IS AT CHANNEL 234.21 WITH HALFWIDTH OF	4.87.	CE PEAK IS SUMMED STARTING 90.00 CHANNELS HIGHER.				724	441*0900	331	7.927 +/- .801E 5		41.4	5.224 +/- 1.258E -5	CE		
COUNT RATE CORRECTION FOR LAST ELEMENT = I																

8033 O BUR-213 CV15 CHAVIN, AN6-18-A3-C
GAMMA SPECTRUM-B 572006

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.81CHANNELS
STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -0. MG DEAD TIME = .30 0/0 EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = *334.46932 DAYS COUNT TIME = 39.998 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43334.46932 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/10/1977 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								EL	MULT	EOB
BKSCAT						81553	0	489	492	8.011 +/- .021E 5	74828.0	.093 +/- 3.565E 0		
SN						20501	846*0233	234		2.452 +/- .013E 4	2626.7	.107 +/- .001E -0	SN	
BA						3088	502*0630	304		8.629 +/- .109E 5	345.6	4.005 +/- .113E -4	BA	
LA	SN PEAK IS AT CHANNEL 234.09 WITH HALFWIDTH OF 4.85.					BA PEAK IS SUMMED STARTING 63.00 CHANNELS HIGHER.								
CE	SN PEAK IS AT CHANNEL 234.09 WITH HALFWIDTH OF 4.85.					LA PEAK IS SUMMED STARTING 78.00 CHANNELS HIGHER.								
	SN PEAK IS AT CHANNEL 234.09 WITH HALFWIDTH OF 4.85.					CE PEAK IS SUMMED STARTING 90.00 CHANNELS HIGHER.								
	COUNT RATE CORRECTION FOR LAST ELEMENT = I													

Not Quench? And A?

8033 P BUR-214 CV16 CHAVIN, AN6-18-A1-1
GAMMA SPECTRUM-B 572007

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.87 CHANNELS

STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -0. MG DEAD TIME = .30 0/0 EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = *334.49731 DAYS COUNT TIME = 39.997 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43334.49731 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/10/1977 PST

8033 Q BUR-215 CV17 CHAVIN, AN6-18-D2-M
GAMMA SPECTRUM-B 572008

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.83CHANNELS
STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -0. MG DEAD TIME = .27 0/0 EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = *334.52531 DAYS COUNT TIME = 39.997 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43334.52531 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/10/1977 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS COUNTS	BKGD COUNTS	APPR COUNTS	REAL PEAK	I X	FLUX(N/MIN-CM ²)	CPM EOB	ELEMENT	ELEMENT ABUNDANCE
	COUNTS	EL	MULT	COUNTS									
BKSCAT				73996	0	489	490	8.011	+/- .021E 5	67271.0	.084	+/- 3.396E 0	01
SN				20212	840*0233	234	2.452	+/- .013E 4	2879.7	.117	+/- .001E -0	SN	
BA				7263	749*0630	304	8.629	+/- .109E 5	968.3	1.122	+/- .022E -3	BA	
LA	SN PEAK IS AT CHANNEL 234.06 WITH HALFWIDTH OF 4.86.	BA PEAK IS SUMMED STARTING 63.00 CHANNELS HIGHER.		530	374*0780	317	6.158	+/- 1.188E 5	23.2	3.766	+/- 1.427E -5	LA	
CE	SN PEAK IS AT CHANNEL 234.06 WITH HALFWIDTH OF 4.86.	LA PEAK IS SUMMED STARTING 78.00 CHANNELS HIGHER.		855	494*0900	331	7.927	+/- .801E 5	53.7	6.769	+/- 1.408E -5	CE	
	SN PEAK IS AT CHANNEL 234.06 WITH HALFWIDTH OF 4.86.	CE PEAK IS SUMMED STARTING 90.00 CHANNELS HIGHER.											
	COUNT RATE CORRECTION FOR LAST ELEMENT = I												

Aug 10

8033 R BUR-216 CV18 CHAVIN, AN6-18-A3-C
GAMMA SPECTRUM-B 572009

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.76CHANNELS
STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -0. MG DEAD TIME = .25 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = *334.55730 DAYS COUNT TIME = 39.997 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43334.55730 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/10/1977 PST

8033 S BUR-217 CV19 CHAVIN, AN6-18-A4-0
GAMMA SPECTRUM-B 572010

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.87CHANNELS
 STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -0. MG DEAD TIME = .25 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = *334.58129 DAYS COUNT TIME = 39.998 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 43334.58129 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/10/1977 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			
BKSCAT					71180	0	489	491	8.011 +/- .021E 5	64455.0	.080 +/- 3.331E 0			
SN					20801	800*0233	234		2.452 +/- .013E 4	3103.1	.127 +/- .001E -0	SN		
BA					4936	649*0630	304		8.629 +/- .109E 5	665.1	7.708 +/- .174E -4	BA		
LA	SN PEAK IS AT CHANNEL 234.06 WITH HALFWIDTH OF	4.91.	BA PEAK IS SUMMED STARTING 63.00 CHANNELS HIGHER.											
LA	508	380*0780	317	6.158 +/- 1.188E 5	19.9	3.225 +/- 1.426E -5	LA							
CE	SN PEAK IS AT CHANNEL 234.06 WITH HALFWIDTH OF	4.91.	LA PEAK IS SUMMED STARTING 78.00 CHANNELS HIGHER.											
CE	786	472*0900	331	7.927 +/- .801E 5	48.7	6.145 +/- 1.395E -5	CE							
CE	SN PEAK IS AT CHANNEL 234.06 WITH HALFWIDTH OF	4.91.	CE PEAK IS SUMMED STARTING 90.00 CHANNELS HIGHER.											
COUNT RATE CORRECTION FOR LAST ELEMENT = I														

8033 T BUR-218 CV20 CHAVIN, AN6-18-D2-1
GAMMA SPECTRUM-B 572011

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.71CHANNELS
STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -0. MG DEAD TIME = .28 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = *334.60928 DAYS COUNT TIME = 39.997 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43334.60928 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/10/1977 PST

8033 U BUR-219 CV21 CHAVIN, AN6-18-A4-
GAMMA SPECTRUM-B 572012

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.88CHANNELS
STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -0. MG DEAD TIME = .30 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = *334.63727 DAYS COUNT TIME = 39.997 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43334.63727 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/10/1977 PST

8033 V BUR-220 CV22 CHAVIN, AN6-18-E1-
GAMMA SPECTRUM-B 572013

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.85CHANNELS
 STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -0. MG DEAD TIME = .26 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = *334.66526 DAYS COUNT TIME = 39.997 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 43334.66526 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/10/1977 PST

8033 W BUR-221 CV23 CHAVIN, AN6-18-E1-
GAMMA SPECTRUM-B 572014

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.76CHANNELS
STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -0. MG DEAD TIME = .28 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = *334.69725 DAYS COUNT TIME = 39.997 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43334.69725 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/10/1977 PST

8033 X BUR-222 CV24 CHAVIN, AN6-20-A1-
GAMMA SPECTRUM-B 572015

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.75CHANNELS
STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -0. MG DEAD TIME = .26 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = *334.72124 DAYS COUNT TIME = 39.997 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43334.72124 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/10/1977 PST

8033 Y BUR-223 CV25 CHAVIN, AN6-20-A1-A
GAMMA SPECTRUM-B 572016

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.77CHANNELS
 STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -0. MG DEAD TIME = .23 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = *334.75539 DAYS COUNT TIME = 39.998 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 43334.75539 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/10/1977 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											
BKSCAT							64740	0	489	492	8.011	+/- .021E 5	58015.0	.072	+/- 3.176E 0	ABUNDANCE	
SN							20321	787*0233	234	2.452	+/- .013E 4	3367.1	.137	+/- .001E -0	SN		
BA							4594	625*0630	304	8.629	+/- .109E 5	684.1	7.928	+/- .185E -4	BA		
LA	SN PEAK IS AT CHANNEL	234.05 WITH HALFWIDTH OF	4.81.	BA PEAK IS SUMMED	STARTING	63.00 CHANNELS HIGHER.											
CE	SN PEAK IS AT CHANNEL	234.05 WITH HALFWIDTH OF	4.81.	LA PEAK IS SUMMED	STARTING	78.00 CHANNELS HIGHER.											
CE	SN PEAK IS AT CHANNEL	234.05 WITH HALFWIDTH OF	4.81.	CE PEAK IS SUMMED	STARTING	90.00 CHANNELS HIGHER.											
COUNT RATE CORRECTION FOR LAST ELEMENT = I																	

8033 Z BUR-224 CV26 CHAVIN, AN6-18-D2-
GAMMA SPECTRUM-B 572017

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.85CHANNELS
 STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -0. MG DEAD TIME = .29 0/0 EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = *334.78737 DAYS COUNT TIME = 39.996 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 43334.78737 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/10/1977 PST

8033 1 BUR-225 KK1 KALIKANTU, POZAL, EST
GAMMA SPECTRUM-B 572018

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.77CHANNELS
STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -0. MG DEAD TIME = .24 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = *334.81136 DAYS COUNT TIME = 39.998 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43334.81136 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/10/1977 PST

8033 2 BUR-226 KK2 KALIKANTU, POZAL, EST
GAMMA SPECTRUM-B 572019

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.81 CHANNELS
 STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -0. MG DEAD TIME = .31 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = *334.83934 DAYS COUNT TIME = 39.997 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 43334.83934 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/10/1977 PST

8033 3 BUR-227 KK3 KALIKANTU, POZAL, EST 4
GAMMA SPECTRUM-B 572020

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.80CHANNELS
 STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -0. MG DEAD TIME = .24 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = *334.86733 DAYS COUNT TIME = 39.998 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 43334.86733 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/10/1977 PST

8033 4 BUR-228 KK4 KALIKANTU, POZAL, EST
GAMMA SPECTRUM-B 572021

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.75CHANNELS
STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -0. MG DEAD TIME = .33 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = *334.89532 DAYS COUNT TIME = 39.997 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43334.89532 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/10/1977 PST

8033 5 BUR-229 KK5 KALIKANTU, POZAL, EST
GAMMA SPECTRUM-B 572022

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.79CHANNELS
 STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -0. MG DEAD TIME = .26 0/0 EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = *334.92732 DAYS COUNT TIME = 39.997 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 43334.92732 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/10/1977 PST

8033 6 BUR-230 SU1 SU-2, TERREPLAI
GAMMA SPECTRUM-B 572023

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.75CHANNELS
 STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -0. MG DEAD TIME = .33 0/0 EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = *334.95131 DAYS COUNT TIME = 39.997 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 43334.95131 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/10/1977 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS COUNTS	BKGD COUNTS	APPR PEAK	REAL PEAK	I X	FLUX(N/MIN-CM2)		CPM EOB	ELEMENT ABUNDANCE	ELEMENT
	COUNTS	EL	MULT	COUNTS						EL	MULT			
BKSCAT					96221	0	489	489	8.011 +/- .021E 5	89496.0	.112 +/- 3.872E 0			
SN					20593	918*0233	234		2.452 +/- .013E 4	2198.4	8.964 +/- .086E -2	SN		
BA					1462	544*0630	303		8.629 +/- .109E 5	102.6	1.189 +/- .069E -4	BA		
LA	SN PEAK IS AT CHANNEL	233.99 WITH HALFWIDTH OF	4.78.	BA PEAK IS SUMMED STARTING	63.00 CHANNELS HIGHER.									
LA	SN PEAK IS AT CHANNEL	233.99 WITH HALFWIDTH OF	4.78.	BA PEAK IS SUMMED STARTING	63.00 CHANNELS HIGHER.	522	451*0780	317	6.158 +/- 1.188E 5	7.9	1.288 +/- 1.025E -5	LA		
CE	SN PEAK IS AT CHANNEL	233.99 WITH HALFWIDTH OF	4.78.	LA PEAK IS SUMMED STARTING	78.00 CHANNELS HIGHER.	895	580*0900	330	7.927 +/- .801E 5	35.2	4.440 +/- 1.089E -5	CE		
CE	SN PEAK IS AT CHANNEL	233.99 WITH HALFWIDTH OF	4.78.	CE PEAK IS SUMMED STARTING	90.00 CHANNELS HIGHER.	COUNT RATE CORRECTION FOR LAST ELEMENT =	I							

8033 7 BUR-231 SU2 SU-2, TERREPLAIN
GAMMA SPECTRUM-B 572024

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.87CHANNELS
STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -0. MG DEAD TIME = .33 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = *334.97931 DAYS COUNT TIME = 39.997 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43334.97931 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/10/1977 PST

8033 8 BUR-232 SU3 SU-2, TERREPLAI
GAMMA SPECTRUM-B 572025

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.77CHANNELS
 STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -0. MG DEAD TIME = .31 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = *335.00731 DAYS COUNT TIME = 39.998 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 43335.00731 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/10/1977 PST

8033 9 BUR-233 CP3 CHIRIPA, SURFACE, BOLIVIA
GAMMA SPECTRUM-B 572026

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.77CHANNELS
STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -.0. MG DEAD TIME = .31 0/0 EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = *335.03531 DAYS COUNT TIME = 39.998 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43335.03531 MJD PILL THICKNESS = -.0. MILS SPECTRUM BEGAN 7/10/1977 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS APPR REAL I FLUX(N/MIN-CM ²)				CPM	ELEMENT	ELEMENT	
	COUNTS	EL	MULT	COUNTS	EL	MULT	COUNTS	PEAK				X
BKSCAT				98583	0	489	488	8.011	+/- .021E 5	91858.0	.115	+/- 3.920E 0
SN				20591	954*0233	234	2.452	+/- .013E 4	2137.8	8.717	+/- .084E -2 SN	
BA				1488	555*0630	303	8.629	+/- .109E 5	101.6	1.177	+/- .068E -4 BA	
LA	SN PEAK IS AT CHANNEL	233.98 WITH HALFWIDTH OF	4.79.	BA PEAK IS SUMMED STARTING	63.00 CHANNELS HIGHER.							
CE	SN PEAK IS AT CHANNEL	233.98 WITH HALFWIDTH OF	4.79.	LA PEAK IS SUMMED STARTING	78.00 CHANNELS HIGHER.							
	SN PEAK IS AT CHANNEL	233.98 WITH HALFWIDTH OF	4.79.	CE PEAK IS SUMMED STARTING	90.00 CHANNELS HIGHER.							
	COUNT RATE CORRECTION FOR LAST ELEMENT = I											

P

8033 + BUR-234 SU5 SU-3, POZO 5, EST
GAMMA SPECTRUM-B 572027

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.66CHANNEL

STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -0. MG DEAD TIME = .33 0/0 EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = *335.06732 DAYS COUNT TIME = 39.998 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43335.06732 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/10/1977 PST

8033 - BUR-235 SU6 SU-3, POZO 5, EST
GAMMA SPECTRUM-B 572028

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.71CHANNELS
 STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -0. MG DEAD TIME = .22 0/0 EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = *335.09132 DAYS COUNT TIME = 39.997 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 43335.09132 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/10/1977 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				PEAK
BKSCAT					63934	0	489	490	8.011	+/- .021E	.5	57209.0	.071	+/- 3.156E	0
SN					19323	761*0233	234		2.452	+/- .013E	4	3244.6	.132	+/- .001E	-0 SN
BA					968	473*0630	304		8.629	+/- .109E	5	86.5	1.003	+/- .093E	-4 BA
LA	SN PEAK IS AT CHANNEL	234.05 WITH HALFWIDTH OF	4.74.	BA PEAK IS SUMMED STARTING	63.00 CHANNELS HIGHER.										
CE	SN PEAK IS AT CHANNEL	234.05 WITH HALFWIDTH OF	4.74.	LA PEAK IS SUMMED STARTING	78.00 CHANNELS HIGHER.										
CE	SN PEAK IS AT CHANNEL	234.05 WITH HALFWIDTH OF	4.74.	CE PEAK IS SUMMED STARTING	90.00 CHANNELS HIGHER.										
COUNT RATE CORRECTION FOR LAST ELEMENT = I															

8033 * BUR-236 MD MIRADOR, P/VE2C
GAMMA SPECTRUM-B 572029

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.73CHANNELS
 STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -.0. MG DEAD TIME = .31 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = *335.11930 DAYS COUNT TIME = 39.998 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 43335.11930 MJD PILL THICKNESS = -.0. MILS SPECTRUM BEGAN 7/10/1977 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS COUNTS	BKGD COUNTS	APPR PEAK	REAL PEAK	I X	FLUX(N/MIN-CM2)		CPM EOB	ELEMENT ABUNDANCE	ELEMENT
	COUNTS	EL	MULT	COUNTS						EL	MULT			
BKSCAT					85744	0	489	490	8.011 +/- .021E 5	79019.0	.099 +/- 3.655E 0			
SN					19518	1083*0233	234		2.452 +/- .013E 4	2333.0	9.513 +/- .095E -2	SN		
BA					5488	771*0630	303		8.629 +/- .109E 5	596.9	6.918 +/- .153E -4	BA		
LA	SN PEAK IS AT CHANNEL	233.97 WITH HALFWIDTH OF	4.75.	BA PEAK IS SUMMED STARTING	63.00 CHANNELS HIGHER.									
LA	SN PEAK IS AT CHANNEL	233.97 WITH HALFWIDTH OF	4.75.	BA PEAK IS SUMMED STARTING	63.00 CHANNELS HIGHER.	606	451*0780	317	6.158 +/- 1.188E 5	19.6	3.186 +/- 1.297E -5	LA		
CE	SN PEAK IS AT CHANNEL	233.97 WITH HALFWIDTH OF	4.75.	LA PEAK IS SUMMED STARTING	78.00 CHANNELS HIGHER.	845	479*0900	330	7.927 +/- .801E 5	46.3	5.843 +/- 1.195E -5	CE		
CE	SN PEAK IS AT CHANNEL	233.97 WITH HALFWIDTH OF	4.75.	CE PEAK IS SUMMED STARTING	90.00 CHANNELS HIGHER.	COUNT RATE CORRECTION FOR LAST ELEMENT =	I							

8033 / BUR-237 SU7 SU-3, POZO 5, EST 3
GAMMA SPECTRUM-B 572030

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.78CHANNELS
 STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -0. MG DEAD TIME = .29 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = *335.14730 DAYS COUNT TIME = 39.998 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 43335.14730 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/10/1977 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											
BKSCAT				87352	0	489	489		8.011	+/- .021E	5	80627.0	.101	+/- 3.689E	0		
SN				19183	817*0233	234		2.452	+/- .013E	4	2277.9	9.288	+/- .091E	-2			
BA				1334	488*0630	304		8.629	+/- .109E	5	104.9	1.216	+/- .073E	-4			
LA	SN PEAK IS AT CHANNEL	234.03 WITH HALFWIDTH OF	4.80.	BA PEAK IS SUMMED	63.00 CHANNELS HIGHER.												
LA	481	352*0780	317	6.158	+/- 1.188E	5	16.0	2.598	+/- 1.110E	-5	LA						
CE	SN PEAK IS AT CHANNEL	234.03 WITH HALFWIDTH OF	4.80.	LA PEAK IS SUMMED	78.00 CHANNELS HIGHER.												
CE	778	551*0900	331	7.927	+/- .801E	5	28.2	3.552	+/- 1.118E	-5	CE						
CE	SN PEAK IS AT CHANNEL	234.03 WITH HALFWIDTH OF	4.80.	CE PEAK IS SUMMED	90.00 CHANNELS HIGHER.												
COUNT RATE CORRECTION FOR LAST ELEMENT = I																	

8033 \$ BUR-239 PP2 PACOPAMPA C-
GAMMA SPECTRUM-B 572032

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.79CHANNELS
 STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -.0. MG DEAD TIME = .32 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = *335.20729 DAYS COUNT TIME = 39.997 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 43335.20729 MJD PILL THICKNESS = -.0. MILS SPECTRUM BEGAN 7/10/1977 PST

8033 . BUR-240 PP3 PACOPAMPA AREA 1-A
GAMMA SPECTRUM-B 572033

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.88CHANNELS
 STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -0. MG DEAD TIME = .36 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = *335.23129 DAYS COUNT TIME = 39.998 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 43335.23129 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/10/1977 PST

8033 [BUR-241 PP4 PACOPAMPA P
GAMMA SPECTRUM-B 572034

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.79CHANNELS
STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -0. MG DEAD TIME = .33 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = *335.25930 DAYS COUNT TIME = 39.997 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43335.25930 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/10/1977 PST

8033 # BUR-242 PP5 PACOPAMPA C-3
GAMMA SPECTRUM-B 572035

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.79CHANNELS
 STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -0. MG DEAD TIME = .24 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = *335.28730 DAYS COUNT TIME = 39.998 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 43335.28730 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/10/1977 PST

8033 ➤ BUR-243 PP6 PACOPAMPA AREA 1-A
GAMMA SPECTRUM-B 572036

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.82CHANNELS
STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -0. MG DEAD TIME = .26 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = *335.31528 DAYS COUNT TIME = 39.997 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 43335.31528 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/10/1977 PST

8033 ↑ BUR-245 CP1 CHIRIPA, H7 NO. 25, 1220 BC
GAMMA SPECTRUM-B 572038

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 5.03CHANNELS
 STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -0. MG DEAD TIME = .32 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = *335.37126 DAYS COUNT TIME = 39.998 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 43335.37126 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/11/1977 PST

8033 > BUR-238 PP1 PACOPAMPA C-6A
GAMMA SPECTRUM-B 572031

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.89CHANNELS
 STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -0. MG DEAD TIME = .30 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = *335.17529 DAYS COUNT TIME = 39.997 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 43335.17529 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/10/1977 PST

8033 : BUR-246 CP2 CHIRIPA, C7 NO. 5, TIAHUANAC
GAMMA SPECTRUM-B 572039

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 4.82CHANNELS
 STD NUMBER 1 2 -572040 A SAMPLE WEIGHT = -0. MG DEAD TIME = .23 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = *335.39926 DAYS COUNT TIME = 39.996 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 43335.39926 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 7/11/1977 PST