

DATE 20 JUN 78
BOMB 8059
IDECK 14

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

TAGWORD	PILL	ERROR	HALFWIDTH
605432	B	H	7.36
605424	A	H	7.62
605436	C	H	7.71
605438	D	H	7.42
605439	E	H	7.68
605440	F	H	7.53
605441	G	H	7.91
605442	H	H	8.05
605443	I	H	7.89
605444	J	H	8.02
605445	K	H	7.86
605446	L	H	8.08
605447	M	H	8.11
606001	N	H	8.14
606003	P	H	8.25
606004	Q	H	8.29
606005	R	H	7.93
606006	S	H	7.87
606007	T	H	7.77
606008	U	H	7.97
606009	V	H	7.68
606010	W	H	7.79
606011	X	H	7.88
606012	Y	H	7.62
606013	Z	H	7.58
606014	1	H	7.56
606015	2	H	7.89
606016	3	H	7.88
606017	4	H	7.85
606018	5	H	7.83
606019	6	H	7.97
606020	7	H	7.84
606021	8	H +	7.84
606022	9	H	8.08
606023	+	H	7.92
606024	-	H	8.08
606025	*	H	8.06
606026	/	H	7.74
606027	(H	7.84

606028	\$	H	7.87
606029	.	H	7.94
606030	J	H	7.85
606031	#	H	8.13
606032	>	H	8.36
606033	^	H +	8.09
606034	†	H	7.98
606035	:	H	7.90

8059 B BACK BACKGROUND
GAMMA SPECTRUM-B 605432

WEIGHT OF STD = 100.00000 MG EOB = 0. MJD IRRADIATION TIME = 0. MIN DECAY TIME = 2228.00 DAYS
COUNT TIME = 79.924 MIN C/SEC BEG. = 0 C/SEC END = 0 START TIME = 2228.00 MJD

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.36CHANNELS

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 CPM	ISOTOPE	CALCULATED FLUX
	DAYS	KEV	FRACTION OF STANDARD										ABUND. O/O	
1 INCOH	-0.	*0000	1.000 +/-0.	E 0	23432	4066	-25-0.	385	388	30 -0	17	19366.0	-0.	1.937 +/- .030E 4
1 COH	-0.	*2311	1.000 +/-0.	E 0	2547	1249	-8-0.	*0412	415	12 -0	9	670.2	-0.	6.702 +/- .530E 2
1 FE	-0.	*0640	6.300 +/-0.	E -3	116	89	-16-0.	*0105	103	9 1	29	13.9	-0.	2.213 +/- 1.343E 3
1 CR	-0.	*0541	30.000 +/- .490E -0		54	49	-5-0.	*9784	84	5 1	3	2.6	-0.	8.606 +/- -17.029E -2
														FE PEAK IS AT CHANNEL 103.56 WITH HALFWIDTH OF 2.39. CR PEAK IS INTEGRATED BEGINNING EXACTLY -21.60 CHANNELS HIGHER.
														COUNTS REMOVED FROM NEXT PEAK = 0 FE, (.00120), 1 CR, (.11000),
1 MN	-0.	*0590	30.000 +/- .648E -0		53	52	-6-0.	*9874	93	6 1	39	.2	-0.	7.188 +/- *0.518E -3
														FE PEAK IS AT CHANNEL 103.56 WITH HALFWIDTH OF 2.39. MN PEAK IS INTEGRATED BEGINNING EXACTLY -12.60 CHANNELS HIGHER.
1 TI	-0.	*0451	30.000 +/- .090E -0		73	70	-6-0.	*9604	66	6 -0	14	1.5	-0.	5.164 +/- -30.806E -2
														FE PEAK IS AT CHANNEL 103.56 WITH HALFWIDTH OF 2.39. TI PEAK IS INTEGRATED BEGINNING EXACTLY -39.60 CHANNELS HIGHER.
1 CA	-0.	*0369	30.000 +/- .032E -0		99	124	-13-0.	*9434	49	6 1	11	-12.9	-0.	-.430 +/- -.254E -0
														FE PEAK IS AT CHANNEL 103.56 WITH HALFWIDTH OF 2.39. CA PEAK IS INTEGRATED BEGINNING EXACTLY -56.60 CHANNELS HIGHER.
1 V	-0.	*0495	30.000 +/- .220E -0		37	47	-4-0.	*9704	76	5 1	4	-5.2	-0.	-.172 +/- -.150E -0
														FE PEAK IS AT CHANNEL 103.56 WITH HALFWIDTH OF 2.39. V PEAK IS INTEGRATED BEGINNING EXACTLY -29.60 CHANNELS HIGHER.
1 ZN	-0.	*0863	30.000 +/- 4.000E -0		78	39	-6-0.	*0394	147	10 -0	7	20.1	-0.	.671 +/- .284E -0
														FE PEAK IS AT CHANNEL 103.56 WITH HALFWIDTH OF 2.39. ZN PEAK IS INTEGRATED BEGINNING EXACTLY 39.40 CHANNELS HIGHER.
1 CU	-0.	*0805	30.000 +/- 2.900E -0		82	56	-6-0.	*0284	136	9 -0	5	13.4	-0.	.448 +/- .312E -0
														FE PEAK IS AT CHANNEL 103.56 WITH HALFWIDTH OF 2.39. CU PEAK IS INTEGRATED BEGINNING EXACTLY 28.40 CHANNELS HIGHER.
1 PB	-0.	*1265	30.000 +/- 2.000E -0		82	55	-8-0.	*8090	231	11 -0	8	13.9	-0.	.465 +/- .338E -0
														PEAK IS AT CHANNEL 417.16 WITH HALFWIDTH OF 8.84. PB PEAK IS INTEGRATED BEGINNING EXACTLY *91.00 CHANNELS HIGHER.
1 RB	-0.	*1338	1.490 +/-0.	E -4	56	55	-8-0.	*8210	242	9 0	6	.5	-0.	3.466 +/- 61.559E 3
														PEAK IS AT CHANNEL 417.16 WITH HALFWIDTH OF 8.84. RB PEAK IS INTEGRATED BEGINNING EXACTLY *79.00 CHANNELS HIGHER.
1 SR	-0.	*1415	1.530 +/-0.	E -4	65	63	-1-0.	*8340	256	11 4	-37	1.0	-0.	6.750 +/- -52.094E 3
														PEAK IS AT CHANNEL 417.16 WITH HALFWIDTH OF 8.84. SR PEAK IS INTEGRATED BEGINNING EXACTLY *66.00 CHANNELS HIGHER.
														COUNTS REMOVED FROM NEXT PEAK = 0 RB, (.16500),
1 Y	-0.	*1493130.000 +/- 1.400E -0			69	63	-1-0.	*8520	274	11 4	-55	3.0	-0.	2.318 +/- 6.212E -2
														PEAK IS AT CHANNEL 417.16 WITH HALFWIDTH OF 8.84. Y PEAK IS INTEGRATED BEGINNING EXACTLY *48.00 CHANNELS HIGHER.
														COUNTS REMOVED FROM NEXT PEAK = 0 SR, (.16500), 1 PB, (.05500),
1 ZR	-0.	*1575	1.170 +/-0.	E -4	89	67	-1 1.070*8660	290	15 4	-70	10.4	-0.	8.908 +/- 8.393E 4	
														PEAK IS AT CHANNEL 417.16 WITH HALFWIDTH OF 8.84. ZR PEAK IS INTEGRATED BEGINNING EXACTLY *34.00 CHANNELS HIGHER.
														COUNTS REMOVED FROM NEXT PEAK = 1 Y, (.15200),
1 NB	-0.	*1659150.000 +/- 1.400E -0			89	64	-1 1.400*8844	307	11 4	-86	12.5	-0.	8.301 +/- 6.334E -2	
														PEAK IS AT CHANNEL 417.16 WITH HALFWIDTH OF 8.84. NB PEAK IS INTEGRATED BEGINNING EXACTLY *15.60 CHANNELS HIGHER.
														COUNTS REMOVED FROM NEXT PEAK = 3 ZR, (.15900),
1 MO	-0.	*1744150.000 +/- 2.000E -0			148	191	-9-0.	*9050	328	13 -0	12	-23.9	-0.	-.159 +/- -.129E -0
														PEAK IS AT CHANNEL 417.16 WITH HALFWIDTH OF 8.84. MO PEAK IS INTEGRATED BEGINNING EXACTLY -95.00 CHANNELS HIGHER.
1 NI	-0.	*0747	30.000 +/- 1.349E -0		32	40	-1-0.	*0200	125	4 1	5	-4.1	-0.	-.138 +/- -.239E -0
														FE PEAK IS AT CHANNEL 103.56 WITH HALFWIDTH OF 2.39. NI PEAK IS INTEGRATED BEGINNING EXACTLY 20.00 CHANNELS HIGHER.
1 K	-0.	*0331	30.000 +/- 1.000E -0		102	118	-4-0.	*9365	43	6 -0	17	-8.3	-0.	-.275 +/- -.433E -0
														FE PEAK IS AT CHANNEL 103.56 WITH HALFWIDTH OF 2.39. K PEAK IS INTEGRATED BEGINNING EXACTLY -63.50 CHANNELS HIGHER.

8059 B BACK BACKGROUND
GAMMA SPECTRUM-B 605432

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.36CHANNELS
 STD NUMBER 1 -605432 B SAMPLE WEIGHT = 100.00000 MG DEAD TIME = .02 0/0 EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 2228.00 DAYS COUNT TIME = 79.924 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 2228.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

NUCLIDE	HALF LIFE	GAMMA ENERGY	GAMMA INTENS.	COUNTS	CROSS SECTION	GROSS COUNTS	BKGD APPR	REAL PEAK	FLUX(N/MIN-CM2)	CPM DECAY	MULT	ELEMENT ABUNDANCE	ELEMENT
	DAYS	KEV	0/0	0/0	BARNs	CHAN	CHAN	CHAN					
INCOH	-0.	*0000	-0.	-0.	-0.	23432	4066	385	388	1.937 +/- .030E 4	-0	1.00000	.005 +/- 1.556E -9
COH	-0.	*2311	-0.	-0.	-0.	2547	1249*0412	415	6.702 +/- .530E	2*0000000.0	1.00000	-0.000 +/- 5.834E 20	
FE	-0.	*0640	-0.	-0.	-0.	116	89*0105	103	2.213 +/- 1.343E	3*0000000.0	1.00000	-0.000 +/- 3.676E 18 FE	
CR	-0.	*0541	-0.	-0.	-0.	54	49*9784	84	1.084 +/- .658E	3*0000000.0	1.00000	-0.000 +/- 1.389E 18 CR	
													FE PEAK IS AT CHANNEL 103.56 WITH HALFWIDTH OF 2.39. 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.	53	52*9874	93	1.434 +/- .870E	3*0000000.0	.00120	-0.000 +/- 8.773E 16 MN	
TI	-0.	*0451	-0.	-0.	-0.	73	70*9604	66	1.992 +/- 1.208E	2*0000000.0	1.00000	-0.000 +/- 4.538E 18 TI	
CA	-0.	*0369	-0.	-0.	-0.	99	124*9434	49	7.192 +/- 4.363E	1*0000000.0	1.00000	.000 +/- 1.047E 20 CA	
V	-0.	*0495	-0.	-0.	-0.	37	47*9704	76	4.869 +/- 2.954E	2*0000000.0	1.00000	.000 +/- 6.188E 18 V	
ZN	-0.	*0863	-0.	-0.	-0.	78	39*0394	147	8.852 +/- 5.370E	3*0000000.0	1.00000	-0.000 +/- 1.327E 18 ZN	
CU	-0.	*0805	-0.	-0.	-0.	82	56*0284	136	6.418 +/- 3.893E	3*0000000.0	1.00000	-0.000 +/- 1.221E 18 CU	
PB	-0.	*1265	-0.	-0.	-0.	82	55*8090	231	4.426 +/- 2.685E	3*0000000.0	1.00000	-0.000 +/- 1.838E 18 PB	
RB	-0.	*1338	-0.	-0.	-0.	56	55*8210	242	3.466 +/- *.559E	3*4436759.9	1.00000	-0.000 +/- 4.219E 16 RB	
SR	-0.	*1415	-0.	-0.	-0.	65	63*8340	256	6.750 +/- *.094E	3*5242246.2	1.00000	-0.000 +/- 4.989E 16 SR	
Y	-0.	*1493	-0.	-0.	-0.	69	63*8520	274	9.450 +/- *.931E	3*9400233.4	.16500	-0.000 +/- 1.169E 17 Y	
ZR	-0.	*1575	-0.	-0.	-0.	89	67*8660	290	8.908 +/- 8.393E	4*8426233.6	.16500	-0.000 +/- 4.826E 16 ZR	
NB	-0.	*1659	-0.	-0.	-0.	89	64*8844	307	1.247 +/- 1.175E	5*1880526.1	.15200	-0.000 +/- 4.634E 16 NB	
MO	-0.	*1744	-0.	-0.	-0.	148	191*9050	328	1.782 +/- 1.679E	5*3746522.3	.15900	.000 +/- 6.996E 16 MO	
NI	-0.	*0747	-0.	-0.	-0.	32	40*0200	125	2.985 +/- 1.811E	3*0000000.0	1.00000	.000 +/- 8.073E 17 NI	
K	-0.	*0331	-0.	-0.	-0.	102	118*9365	43	2.213 +/- 1.343E	3*0000000.0	1.00000	.000 +/- 2.178E 18 K	
													FE PEAK IS AT CHANNEL 103.56 WITH HALFWIDTH OF 2.39. K PEAK IS SUMMED STARTING -63.50 CHANNELS HIGHER.
								I					COUNT RATE CORRECTION FOR LAST ELEMENT = I

8059 A LUB-30 EL CHAYAL STANDARD
GAMMA SPECTRUM-B 605424

WEIGHT OF STD = 100.00000 MG EOB = 0. MJD IRRADIATION TIME = 0. MIN DECAY TIME = 83997.00 DAYS
COUNT TIME = 79.984 MIN C/SEC BEG. = 0 C/SEC END = 0 START TIME = 83997.00 MJD

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.62 CHANNELS

8059 A LUB-30 EL CHAYAL STANDARD
GAMMA SPECTRUM-B 605424

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.62CHANNELS
 STD NUMBER 1 -605424 A SAMPLE WEIGHT = 100.00000 MG DEAD TIME = .59 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 83997.00 DAYS COUNT TIME = 79.984 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 83997.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 11/ 6/2088 PST

8059 C PLAST THICK PLASTIC
GAMMA SPECTRUM-B 605436

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.71CHANNELS
 STD NUMBER 1 -605424 A SAMPLE WEIGHT = -.0. MG DEAD TIME = .34 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 0. DAYS COUNT TIME = 79.964 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = -.0. MJD PILL THICKNESS = -.0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS	BKGD	APPR	REAL	I	FLUX(N/MIN-CM2)	CPM	ELEMENT	ELEMENT
	COUNTS	EL	MULT	COUNTS	EL	MULT	COUNTS	COUNTS	PEAK	PEAK	X	EOB	ABUNDANCE
INCOH				424786	71006	385	388	3.880	+/- .016E 5	334414.0	.001	+/- 1.092E 3	
COH				41082	22436*0412	415		2.276	+/- .019E 3	557.6	.245	+/- .006E -0	
FE					734	701*0105	104	3.480	+/- .048E 4	1.0	2.836	+/- 3.710E -5 FE	
CR					427	392*9784	84	1.705	+/- .023E 4	1.0	6.138	+/- 4.867E -5 CR	
	FE PEAK IS AT CHANNEL 103.73 WITH HALFWIDTH OF 0 FE	.00120	4 CR	.11000	522	460*9874	94	2.255	+/- .031E 4	1.7	7.706	+/- 4.659E -5 MN	
MN	FE PEAK IS AT CHANNEL 103.73 WITH HALFWIDTH OF				2.21.	CR PEAK IS SUMMED STARTING -21.60 CHANNELS HIGHER.							
TI	FE PEAK IS AT CHANNEL 103.73 WITH HALFWIDTH OF				2.21.	MN PEAK IS SUMMED STARTING -12.60 CHANNELS HIGHER.							
CA	FE PEAK IS AT CHANNEL 103.73 WITH HALFWIDTH OF				2.21.	TI PEAK IS SUMMED STARTING -39.60 CHANNELS HIGHER.							
V	FE PEAK IS AT CHANNEL 103.73 WITH HALFWIDTH OF				2.21.	CA PEAK IS SUMMED STARTING -56.60 CHANNELS HIGHER.							
ZN	FE PEAK IS AT CHANNEL 103.73 WITH HALFWIDTH OF				2.21.	V PEAK IS SUMMED STARTING -29.60 CHANNELS HIGHER.							
CU	FE PEAK IS AT CHANNEL 103.73 WITH HALFWIDTH OF				2.21.	ZN PEAK IS SUMMED STARTING 39.40 CHANNELS HIGHER.							
PB	PEAK IS AT CHANNEL 417.05 WITH HALFWIDTH OF				9.27.	ZN PEAK IS SUMMED STARTING 28.40 CHANNELS HIGHER.							
RB	PEAK IS AT CHANNEL 417.05 WITH HALFWIDTH OF				9.27.	PB PEAK IS SUMMED STARTING *91.00 CHANNELS HIGHER.							
SR	PEAK IS AT CHANNEL 417.05 WITH HALFWIDTH OF				9.27.	RB PEAK IS SUMMED STARTING *79.00 CHANNELS HIGHER.							
Y	PEAK IS AT CHANNEL 417.05 WITH HALFWIDTH OF 0 RB	.16500	0	0.	9.27.	SR PEAK IS SUMMED STARTING *66.00 CHANNELS HIGHER.							
ZR	PEAK IS AT CHANNEL 417.05 WITH HALFWIDTH OF 0 SR	.16500	2 PB	.05500	1000	957*8520	274	1.840	+/- .027E 6	.8	4.319	+/- 6.054E -7 Y	
NB	PEAK IS AT CHANNEL 417.05 WITH HALFWIDTH OF 7 Y	.15200	0	0.	9.27.	Y PEAK IS SUMMED STARTING *48.00 CHANNELS HIGHER.							
MO	PEAK IS AT CHANNEL 417.05 WITH HALFWIDTH OF 17 ZR	.15900	0	0.	1483	1372*8660	290	2.259	+/- .034E 6	2.3	1.009	+/- .775E -6 ZR	
NI	PEAK IS AT CHANNEL 417.05 WITH HALFWIDTH OF				9.27.	ZR PEAK IS SUMMED STARTING *34.00 CHANNELS HIGHER.							
K	FE PEAK IS AT CHANNEL 103.73 WITH HALFWIDTH OF				1234	1316*8844	306	3.162	+/- .047E 6	-2.1	-6.613	+/- 5.969E -7 NB	
	FE PEAK IS AT CHANNEL 103.73 WITH HALFWIDTH OF				9.27.	NB PEAK IS SUMMED STARTING *15.60 CHANNELS HIGHER.							
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				2386	2563*9050	328	4.517	+/- .068E 6	-5.2	-1.148	+/- .805E -6 MO	
					307	256*0200	125	4.694	+/- .064E 4	1.5	3.249	+/- 2.324E -5 NI	
					731	635*9365	43	3.480	+/- .048E 4	2.9	8.250	+/- 5.029E -5 K	
					2.21.	K PEAK IS SUMMED STARTING -63.50 CHANNELS HIGHER.							

8059 E BUR-293 CS7 CHUPAS KB III AYACUCHO
GAMMA SPECTRUM-B 605439

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.68CHANNELS
STD NUMBER 1 -605424 A SAMPLE WEIGHT = -0. MG DEAD TIME = .55 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 97257.50 DAYS COUNT TIME = 79.994 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 97257.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS COUNTS	BKGD COUNTS	APPR PEAK	REAL PEAK	I X	FLUX(N/MIN-CM2)	CPM EOB	ELEMENT	ELEMENT ABUNDANCE
	COUNTS	EL	MULT	COUNTS	EL	MULT							
INCOH				539889	131956	385	388	3.880	+/- .016E 5	388567.0	.001	+/- 1.659E	3
COH				133820	49467*0412	415		2.276	+/- .019E 3	2170.9	.954	+/- .012E	-0
FE				8041	1318*0105	104		3.480	+/- .048E 4	173.0	4.972	+/- .103E	-3 FE
CR				737	780*9784	85		1.705	+/- .023E 4		-1.1	-6.490	+/- 5.694E -5 CR
MN	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF 8 FE	.00120	0 CR	.11000	1338	959*9874	94	2.255	+/- .031E 4	9.5	4.233	+/- .610E	-4 MN
TI	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF				4.58.	MN PEAK IS SUMMED STARTING -12.60 CHANNELS HIGHER.							
CA	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF				1165	1069*9604	67	3.132	+/- .043E 3	2.5	7.889	+/- 5.785E	-4 TI
V	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF				4.58.	TI PEAK IS SUMMED STARTING -39.60 CHANNELS HIGHER.							
ZN	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF				1574	1246*9434	50	1.131	+/- .016E 3	8.4	7.464	+/- 1.212E	-3 CA
CU	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF				4.58.	CA PEAK IS SUMMED STARTING -56.60 CHANNELS HIGHER.							
PB	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF				847	875*9704	77	7.656	+/- .105E 3	-.7	-.941	+/- 1.335E	-4 V
RB	PEAK IS AT CHANNEL 417.16 WITH HALFWIDTH OF				4.58.	V PEAK IS SUMMED STARTING -29.60 CHANNELS HIGHER.							
SR	PEAK IS AT CHANNEL 417.16 WITH HALFWIDTH OF				1709	1411*0394	148	1.392	+/- .019E 5	7.7	5.510	+/- 1.737E	-5 ZN
Y	PEAK IS AT CHANNEL 417.16 WITH HALFWIDTH OF				4.58.	ZN PEAK IS SUMMED STARTING 39.40 CHANNELS HIGHER.							
ZR	PEAK IS AT CHANNEL 417.16 WITH HALFWIDTH OF				1319	1289*0284	137	1.009	+/- .014E 5	.8	.765	+/- 2.166E	-5 CU
NB	PEAK IS AT CHANNEL 417.16 WITH HALFWIDTH OF				4.58.	CU PEAK IS SUMMED STARTING 28.40 CHANNELS HIGHER.							
MO	PEAK IS AT CHANNEL 417.16 WITH HALFWIDTH OF				2343	4026*8090	231	6.960	+/- .096E 4	-43.3	-6.223	+/- .586E	-4 PB
NI	PEAK IS AT CHANNEL 417.16 WITH HALFWIDTH OF				9.10.	PB PEAK IS SUMMED STARTING *91.00 CHANNELS HIGHER.							
K	PEAK IS AT CHANNEL 417.16 WITH HALFWIDTH OF				7086	2092*8210	242	1.001	+/- .022E 6	120.3	1.202	+/- .041E	-4 RB
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				9.10.	RB PEAK IS SUMMED STARTING *79.00 CHANNELS HIGHER.							
					4711	1595*8340	256	1.314	+/- .020E 6	75.3	5.732	+/- .197E	-5 SR
					9.10.	SR PEAK IS SUMMED STARTING *66.00 CHANNELS HIGHER.							
					3786	1595*8520	274	1.840	+/- .027E 6	33.2	1.806	+/- .126E	-5 Y
					9.10.	Y PEAK IS SUMMED STARTING *48.00 CHANNELS HIGHER.							
					12136	2327*8660	290	2.259	+/- .034E 6	227.9	1.009	+/- .022E	-4 ZR
					9.10.	ZR PEAK IS SUMMED STARTING *34.00 CHANNELS HIGHER.							
					5644	2313*8844	307	3.162	+/- .047E 6	77.5	2.451	+/- .103E	-5 NB
					9.10.	NB PEAK IS SUMMED STARTING *15.60 CHANNELS HIGHER.							
					6695	5102*9050	328	4.517	+/- .068E 6	2.9	.643	+/- 1.116E	-6 MO
					9.10.	MO PEAK IS SUMMED STARTING -95.00 CHANNELS HIGHER.							
					502	520*0200	126	4.694	+/- .064E 4	-.5	-.987	+/- 2.786E	-5 NI
					4.58.	NI PEAK IS SUMMED STARTING 20.00 CHANNELS HIGHER.							
					2074	1649*9365	43	3.480	+/- .048E 4	10.9	3.143	+/- .715E	-4 K
					4.58.	K PEAK IS SUMMED STARTING -63.50 CHANNELS HIGHER.							

8059 F BUR-294 CS8 CHUPAS SDI
GAMMA SPECTRUM-B 605440

AYACUCHO

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.53CHANNELS
STD NUMBER 1 -605424 A SAMPLE WEIGHT = -0. MG DEAD TIME = .88 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 183743.00 DAYS COUNT TIME = 79.990 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 183743.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

8059 G BUR-295 CS9 CHUPAS P/21
AYACUCHO
GAMMA SPECTRUM-B 605441

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.91CHANNELS
STD NUMBER 1 -605424 A SAMPLE WEIGHT = -0. MG DEAD TIME = .45 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 107608.00 DAYS COUNT TIME = 79.994 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 107608.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS	BKGD	APPR	REAL	I	FLUX(N/MIN-CM2)	CPM	ELEMENT	ELEMENT
	COUNTS	EL	MULT	COUNTS	EL	COUNTS	COUNTS	PEAK	PEAK	X	EOB	ABUNDANCE	
INCOH				425722	103514	385	388	3.880	+/- .016E	5	302842.0	.001	+/- 1.145E 3
COH				107477	42600*0412	415	2.276	+/- .019E	3	2142.3	.941	+/- .013E -0	
FE				4914	1166*0105	104	3.480	+/- .048E	4	123.8	3.557	+/- .094E -3 FE	
CR				709	686*9784	84	1.705	+/- .023E	4	.8	4.454	+/- 7.015E -5 CR	
MN	FE PEAK IS AT CHANNEL 103.95 WITH HALFWIDTH OF 4 FE	.00120	3 CR	.11000	865	773*9874	94	2.255	+/- .031E	4	2.8	1.244	+/- .668E -4 MN
TI	FE PEAK IS AT CHANNEL 103.95 WITH HALFWIDTH OF 936				5.01.	MN PEAK IS SUMMED STARTING 103.95 WITH HALFWIDTH OF 949*9604	67	3.132	+/- .043E	3	-.4	-1.371	+/- 6.904E -4 TI
CA	FE PEAK IS AT CHANNEL 103.95 WITH HALFWIDTH OF 1211				5.01.	TI PEAK IS SUMMED STARTING 103.95 WITH HALFWIDTH OF 1111*9434	50	1.131	+/- .016E	3	3.3	2.920	+/- 1.406E -3 CA
V	FE PEAK IS AT CHANNEL 103.95 WITH HALFWIDTH OF 759				5.01.	CA PEAK IS SUMMED STARTING 103.95 WITH HALFWIDTH OF 756*9704	76	7.656	+/- .105E	3	.1	.129	+/- 1.607E -4 V
ZN	FE PEAK IS AT CHANNEL 103.95 WITH HALFWIDTH OF 1345				5.01.	V PEAK IS SUMMED STARTING 103.95 WITH HALFWIDTH OF 1170*0394	148	1.392	+/- .019E	5	5.8	4.152	+/- 2.015E -5 ZN
CU	FE PEAK IS AT CHANNEL 103.95 WITH HALFWIDTH OF 1063				5.01.	ZN PEAK IS SUMMED STARTING 103.95 WITH HALFWIDTH OF 1022*0284	136	1.009	+/- .014E	5	1.4	1.342	+/- 2.466E -5 CU
PB	FE PEAK IS AT CHANNEL 103.95 WITH HALFWIDTH OF 2047				5.01.	CU PEAK IS SUMMED STARTING 103.95 WITH HALFWIDTH OF 3878*8090	231	6.960	+/- .096E	4	-60.5	-8.687	+/- .736E -4 PB
RB	PEAK IS AT CHANNEL 417.33 WITH HALFWIDTH OF 6588				9.17.	PB PEAK IS SUMMED STARTING 417.33 WITH HALFWIDTH OF 2121*8210	242	1.001	+/- .022E	6	140.6	1.405	+/- .051E -4 RB
SR	PEAK IS AT CHANNEL 417.33 WITH HALFWIDTH OF 6038				9.17.	RB PEAK IS SUMMED STARTING 417.33 WITH HALFWIDTH OF 1344*8340	256	1.314	+/- .020E	6	148.1	1.127	+/- .030E -4 SR
Y	PEAK IS AT CHANNEL 417.33 WITH HALFWIDTH OF 3201				9.17.	SR PEAK IS SUMMED STARTING 417.33 WITH HALFWIDTH OF 1344*8520	274	1.840	+/- .027E	6	35.5	1.927	+/- .151E -5 Y
ZR	PEAK IS AT CHANNEL 417.33 WITH HALFWIDTH OF 9356				9.17.	Y PEAK IS SUMMED STARTING 417.33 WITH HALFWIDTH OF 1933*8660	290	2.259	+/- .034E	6	211.7	9.375	+/- .237E -5 ZR
NB	PEAK IS AT CHANNEL 417.33 WITH HALFWIDTH OF 2828				9.17.	ZR PEAK IS SUMMED STARTING 417.33 WITH HALFWIDTH OF 1855*8844	307	3.162	+/- .047E	6	25.8	8.155	+/- 1.031E -6 NB
MO	PEAK IS AT CHANNEL 417.33 WITH HALFWIDTH OF 5220				9.17.	NB PEAK IS SUMMED STARTING 417.33 WITH HALFWIDTH OF 4394*9050	328	4.517	+/- .068E	6	-7.5	-1.664	+/- 1.320E -6 MO
NI	PEAK IS AT CHANNEL 417.33 WITH HALFWIDTH OF 466				9.17.	MO PEAK IS SUMMED STARTING 417.33 WITH HALFWIDTH OF 528*0200	125	4.694	+/- .064E	4	-2.0	-4.361	+/- 3.572E -5 NI
K	FE PEAK IS AT CHANNEL 103.95 WITH HALFWIDTH OF 1204				5.01.	NI PEAK IS SUMMED STARTING 103.95 WITH HALFWIDTH OF 1069*9365	43	3.480	+/- .048E	4	4.5	1.281	+/- .721E -4 K
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				5.01.	K PEAK IS SUMMED STARTING 103.95 WITH HALFWIDTH OF 1069*9365							

8059 H BUR-296 CS10 CHUPAS FORMATIVO AYACUCHO
GAMMA SPECTRUM-B 605442

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 8.05CHANNELS
STD NUMBER 1 -605424 A SAMPLE WEIGHT = -0. MG DEAD TIME = .56 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 98835.00 DAYS COUNT TIME = 79.990 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 98835.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS	BKGD	APPR	REAL	I	FLUX(N/MIN-CM2)	CPM	ELEMENT	ELEMENT
	COUNTS	EL	MULT	COUNTS	EL	MULT	COUNTS	COUNTS	PEAK	PEAK	X	EOB	ABUNDANCE
INCOH				540881	134229	385	388	3.880	+/- .016E	5	387286.0	.001	+/- 1.667E 3
COH				132243	55751*0412	415		2.276	+/- .019E	3	1975.1	.868	+/- .011E -0
FE				8321	1331*0105	104		3.480	+/- .048E	4	180.5	5.187	+/- .107E -3 FE
CR				840	803*9784	85		1.705	+/- .023E	4	1.0	5.603	+/- 5.954E -5 CR
MN	FE PEAK IS AT CHANNEL 104.13 WITH HALFWIDTH OF 8 FE	.00120	4 CR	.11000	1220	919*9874	94	2.255	+/- .031E	4	7.5	3.304	+/- .594E -4 MN
TI	FE PEAK IS AT CHANNEL 104.13 WITH HALFWIDTH OF				5.24.	MN PEAK IS SUMMED STARTING -12.60 CHANNELS HIGHER.							
CA	FE PEAK IS AT CHANNEL 104.13 WITH HALFWIDTH OF				1137	1091*9604	67	3.132	+/- .043E	3	1.2	3.793	+/- 5.840E -4 TI
V	FE PEAK IS AT CHANNEL 104.13 WITH HALFWIDTH OF				5.24.	TI PEAK IS SUMMED STARTING -39.60 CHANNELS HIGHER.							
ZN	FE PEAK IS AT CHANNEL 104.13 WITH HALFWIDTH OF				1652	1258*9434	50	1.131	+/- .016E	3	10.2	8.996	+/- 1.237E -3 CA
CU	FE PEAK IS AT CHANNEL 104.13 WITH HALFWIDTH OF				5.24.	CA PEAK IS SUMMED STARTING -56.60 CHANNELS HIGHER.							
PB	FE PEAK IS AT CHANNEL 104.13 WITH HALFWIDTH OF				825	865*9704	77	7.656	+/- .105E	3	-1.0	-1.349	+/- 1.326E -4 V
RB	PEAK IS AT CHANNEL 417.47 WITH HALFWIDTH OF				5.24.	V PEAK IS SUMMED STARTING -29.60 CHANNELS HIGHER.							
SR	PEAK IS AT CHANNEL 417.47 WITH HALFWIDTH OF				1546	1325*0394	148	1.392	+/- .019E	5	5.7	4.100	+/- 1.680E -5 ZN
Y	PEAK IS AT CHANNEL 417.47 WITH HALFWIDTH OF 1009 RB .16500	0	0.		5.24.	ZN PEAK IS SUMMED STARTING 39.40 CHANNELS HIGHER.							
ZR	PEAK IS AT CHANNEL 417.47 WITH HALFWIDTH OF 1107 SR .16500	0 PB	.05500	13256	2379*8660	290	2.259	+/- .034E	6	240.8	1.066	+/- .023E -4 ZR	
NB	PEAK IS AT CHANNEL 417.47 WITH HALFWIDTH OF 260 Y .15200	0	0.		9.33.	ZR PEAK IS SUMMED STARTING *34.00 CHANNELS HIGHER.							
MO	PEAK IS AT CHANNEL 417.47 WITH HALFWIDTH OF 1553 ZR .15900	0	0.		3684	2282*8844	307	3.162	+/- .047E	6	28.5	9.007	+/- .899E -6 NB
NI	PEAK IS AT CHANNEL 417.47 WITH HALFWIDTH OF				9.33.	Y PEAK IS SUMMED STARTING *48.00 CHANNELS HIGHER.							
K	FE PEAK IS AT CHANNEL 104.13 WITH HALFWIDTH OF				6528	5648*9050	328	4.517	+/- .068E	6	-17.1	-3.776	+/- 1.172E -6 MO
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				9.33.	NB PEAK IS SUMMED STARTING *15.60 CHANNELS HIGHER.							
					573	548*0200	126	4.694	+/- .064E	4	.6	1.375	+/- 2.892E -5 NI
					5.24.	MO PEAK IS SUMMED STARTING -95.00 CHANNELS HIGHER.							
					1882	1465*9365	43	3.480	+/- .048E	4	10.8	3.094	+/- .675E -4 K
					5.24.	NI PEAK IS SUMMED STARTING -63.50 CHANNELS HIGHER.							

8059 I BUR-297 CS11 CHUPAS FORMATIVO AYACUCHO
GAMMA SPECTRUM-B 605443

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.89CHANNELS
STD NUMBER 1 -605424 A SAMPLE WEIGHT = -0. MG DEAD TIME = .80 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 214471.00 DAYS COUNT TIME = 79.990 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 214471.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

8059 J BUR-298 CS12 CHUPAS FORMATIVO AYACUCHO
GAMMA SPECTRUM-B 605444

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 8.02CHANNELS
STD NUMBER 1 -605424 A SAMPLE WEIGHT = -0. MG DEAD TIME = .84 0/0 EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 176571.50 DAYS COUNT TIME = 79.994 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 176571.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS COUNTS	BKGD COUNTS	APPR PEAK	REAL PEAK	I X	FLUX(N/MIN-CM2)	CPM	ELEMENT	ELEMENT ABUNDANCE
	COUNTS	EL	MULT	COUNTS	EL	MULT							
INCOH					804672	199768	385	388	3.880 +/- .016E	5 585538.0	.002 +/- 3.074E	3	
COH					196755	88504*0412	415	2.276 +/- .019E	3 184847	.812 +/- .010E	-0		
FE					10829	2273*0105	104	3.480 +/- .048E	4 146.1	4.199 +/- .084E	-3	FE	
CR					1356	1334*9784	85	1.705 +/- .023E	4 .4	2.204 +/- 5.039E	-5	CR	
MN	FE PEAK IS AT CHANNEL 104.16 WITH HALFWIDTH OF 10 FE	.00120	2 CR	.11000	5.37.	CR PEAK IS SUMMED STARTING -21.60 CHANNELS HIGHER.							
TI	FE PEAK IS AT CHANNEL 104.16 WITH HALFWIDTH OF				1984	1550*9874	94	2.255 +/- .031E	4 7.2 3.191 +/- .506E	-4	MN		
CA	FE PEAK IS AT CHANNEL 104.16 WITH HALFWIDTH OF				10829	2273*0105	104	3.480 +/- .048E	4 146.1	4.199 +/- .084E	-3	FE	
V	FE PEAK IS AT CHANNEL 104.16 WITH HALFWIDTH OF				1356	1334*9784	85	1.705 +/- .023E	4 .4	2.204 +/- 5.039E	-5	CR	
ZN	FE PEAK IS AT CHANNEL 104.16 WITH HALFWIDTH OF				5.37.	CR PEAK IS SUMMED STARTING -21.60 CHANNELS HIGHER.							
CU	FE PEAK IS AT CHANNEL 104.16 WITH HALFWIDTH OF				1984	1550*9874	94	2.255 +/- .031E	4 7.2 3.191 +/- .506E	-4	MN		
PB	PEAK IS AT CHANNEL 417.53 WITH HALFWIDTH OF				10829	2273*0105	104	3.480 +/- .048E	4 146.1	4.199 +/- .084E	-3	FE	
RB	PEAK IS AT CHANNEL 417.53 WITH HALFWIDTH OF				1356	1334*9784	85	1.705 +/- .023E	4 .4	2.204 +/- 5.039E	-5	CR	
SR	PEAK IS AT CHANNEL 417.53 WITH HALFWIDTH OF				5.37.	CR PEAK IS SUMMED STARTING -21.60 CHANNELS HIGHER.							
Y	PEAK IS AT CHANNEL 417.53 WITH HALFWIDTH OF 990 RB	.16500	0	0.	1984	1550*9874	94	2.255 +/- .031E	4 7.2 3.191 +/- .506E	-4	MN		
ZR	PEAK IS AT CHANNEL 417.53 WITH HALFWIDTH OF 637 SR	.16500	0	PB .05500	10829	2273*0105	104	3.480 +/- .048E	4 146.1	4.199 +/- .084E	-3	FE	
NB	PEAK IS AT CHANNEL 417.53 WITH HALFWIDTH OF 273 Y	.15200	0	0.	1356	1334*9784	85	1.705 +/- .023E	4 .4	2.204 +/- 5.039E	-5	CR	
MO	PEAK IS AT CHANNEL 417.53 WITH HALFWIDTH OF 1863 ZR	.15900	0	0.	5.37.	CR PEAK IS SUMMED STARTING -21.60 CHANNELS HIGHER.							
NI	PEAK IS AT CHANNEL 417.53 WITH HALFWIDTH OF				1984	1550*9874	94	2.255 +/- .031E	4 7.2 3.191 +/- .506E	-4	MN		
K	FE PEAK IS AT CHANNEL 104.16 WITH HALFWIDTH OF				10829	2273*0105	104	3.480 +/- .048E	4 146.1	4.199 +/- .084E	-3	FE	
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				1356	1334*9784	85	1.705 +/- .023E	4 .4	2.204 +/- 5.039E	-5	CR	
					5.37.	K PEAK IS SUMMED STARTING -63.50 CHANNELS HIGHER.							

8059 K BUR-299 CU86 CHANAPATA CUZCO
GAMMA SPECTRUM-B 605445

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.86CHANNELS
STD NUMBER 1 -605424 A SAMPLE WEIGHT = -0. MG DEAD TIME = .85 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 141219.00 DAYS COUNT TIME = 79.093 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 141219.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS COUNTS	BKGD COUNTS	APPR PEAK	REAL PEAK	I X	FLUX(N/MIN-CM2)	CPM EOB	ELEMENT	ELEMENT ABUNDANCE
	COUNTS	EL	MULT	COUNTS	EL	MULT							
INCOH					834079	189301	385	388	3.880 +/- .016E 5	625412.0	.002 +/- 3.211E 3		
COH					195154	85024*0412	415	2.276 +/- .019E 3	1760.9	.774 +/- .009E -0			
FE					12837	2186*0105	104	3.480 +/- .048E 4	170.3	4.894 +/- .091E -3 FE			
CR					1310	1314*9784	84	1.705 +/- .023E 4	-1	-.375 +/- 4.655E -5 CR			
MN	FE PEAK IS AT CHANNEL 104.04 WITH HALFWIDTH OF 13 FE	.00120	0 CR	.11000	1999	1545*9874	94	2.255 +/- .031E 4	7.1	3.129 +/- .473E -4 MN			
TI	FE PEAK IS AT CHANNEL 104.04 WITH HALFWIDTH OF				5.04.	MN PEAK IS SUMMED STARTING -12.60 CHANNELS HIGHER.							
CA	FE PEAK IS AT CHANNEL 104.04 WITH HALFWIDTH OF				2129	1726*9604	67	3.132 +/- .043E 3	6.4	2.058 +/- .465E -3 TI			
V	FE PEAK IS AT CHANNEL 104.04 WITH HALFWIDTH OF				5.04.	TI PEAK IS SUMMED STARTING -39.60 CHANNELS HIGHER.							
ZN	FE PEAK IS AT CHANNEL 104.04 WITH HALFWIDTH OF				2374	2018*9434	50	1.131 +/- .016E 3	5.7	5.033 +/- .939E -3 CA			
CU	FE PEAK IS AT CHANNEL 104.04 WITH HALFWIDTH OF				5.04.	CA PEAK IS SUMMED STARTING -56.60 CHANNELS HIGHER.							
PB	PEAK IS AT CHANNEL 417.58 WITH HALFWIDTH OF				1445	1415*9704	76	7.656 +/- .105E 3	.5	.627 +/- 1.070E -4 V			
RB	PEAK IS AT CHANNEL 417.58 WITH HALFWIDTH OF				5.04.	V PEAK IS SUMMED STARTING -29.60 CHANNELS HIGHER.							
SR	PEAK IS AT CHANNEL 417.58 WITH HALFWIDTH OF				2822	2207*0394	148	1.392 +/- .019E 5	9.8	7.065 +/- 1.360E -5 ZN			
Y	PEAK IS AT CHANNEL 417.58 WITH HALFWIDTH OF 1159 RB	.16500	0	0.	5.04.	ZN PEAK IS SUMMED STARTING 39.40 CHANNELS HIGHER.							
ZR	PEAK IS AT CHANNEL 417.58 WITH HALFWIDTH OF 944 SR	.16500	0 PB	.05500	10611	3588*8210	243	1.001 +/- .022E 6	110.7	1.106 +/- .036E -4 RB			
NB	PEAK IS AT CHANNEL 417.58 WITH HALFWIDTH OF 303 Y	.15200	0	0.	9.21.	RB PEAK IS SUMMED STARTING *79.00 CHANNELS HIGHER.							
MO	PEAK IS AT CHANNEL 417.58 WITH HALFWIDTH OF 2062 ZR	.15900	0	0.	8276	2554*8340	257	1.314 +/- .020E 6	90.2	6.862 +/- .182E -5 SR			
NI	PEAK IS AT CHANNEL 417.58 WITH HALFWIDTH OF				9.21.	SR PEAK IS SUMMED STARTING *66.00 CHANNELS HIGHER.							
K	FE PEAK IS AT CHANNEL 104.04 WITH HALFWIDTH OF				5703	2554*8520	275	1.840 +/- .027E 6	31.4	1.706 +/- .103E -5 Y			
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				17585	3675*8660	291	2.259 +/- .034E 6	204.8	9.065 +/- .188E -5 ZR			
					5423	3527*8844	307	3.162 +/- .047E 6	25.2	7.977 +/- .706E -6 NB			
					9871	8313*9050	329	4.517 +/- .068E 6	-8.0	-1.772 +/- .886E -6 MO			
					958	856*0200	126	4.694 +/- .064E 4	1.6	3.474 +/- 2.255E -5 NI			
					5.04.	NI PEAK IS SUMMED STARTING 20.00 CHANNELS HIGHER.							
					2750	2421*9365	43	3.480 +/- .048E 4	5.3	1.512 +/- .530E -4 K			
					5.04.	K PEAK IS SUMMED STARTING -63.50 CHANNELS HIGHER.							

8059 L BUR-300 PX4 PACHAMACHAY JUNIN PAX2 LEVEL 6
GAMMA SPECTRUM-B 605446

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 8.08CHANNELS
STD NUMBER 1 -605424 A SAMPLE WEIGHT = -0. MG DEAD TIME = .36 D/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 54281.50 DAYS COUNT TIME = 79.993 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 54281.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 6/30/2007 PST

8059 M BUR-301 PX5 PACHAMACHAY JUNIN PAX2 LEVEL 6
 GAMMA SPECTRUM-B 605447

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 8.11CHANNELS
 STD NUMBER 1 -605424 A SAMPLE WEIGHT = -0. MG DEAD TIME = .16 0/0 EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 15645.50 DAYS COUNT TIME = 79.995 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 15645.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 9/18/1901 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS	BKGD	APPR	REAL	I	FLUX(IN/MIN-CM2)	CPM	ELEMENT	ELEMENT
	COUNTS	EL	MULT	COUNTS	COUNTS	COUNTS	PEAK	PEAK	X		EOB	ABUNDANCE	
INCOH					169948	41137	385	388	3.880 +/- .016E 5	109445.0	.003 +/- 2.612E 2		
COH					37424	16254*0412	415	2.276 +/- .019E 3	1934.3	.850 +/- .018E -0			
FE					3208	552*0105	105	3.480 +/- .048E 4	242.7	6.974 +/- .203E -3	FE		
CR					291	331*9784	85	1.705 +/- .023E 4	-3.7	-2.143 +/- 1.300E -4	CR		
MN	FE PEAK IS AT CHANNEL 104.19 WITH HALFWIDTH OF 3 FE .00120	0 CR .11000			4.70.	CR PEAK IS SUMMED STARTING -21.60 CHANNELS HIGHER.							
TI	FE PEAK IS AT CHANNEL 104.19 WITH HALFWIDTH OF 3.4 -1.079 +/- 1.277E -3 TI				409	393*9874	94	2.255 +/- .031E 4	1.2	.519 +/- 1.302E -4	MN		
CA	FE PEAK IS AT CHANNEL 104.19 WITH HALFWIDTH OF 5.5 2.181 +/- 2.688E -3 CA				4.70.	MN PEAK IS SUMMED STARTING -12.60 CHANNELS HIGHER.							
V	FE PEAK IS AT CHANNEL 104.19 WITH HALFWIDTH OF 5.7 2.795E -4 V				387	424*9604	67	3.132 +/- .043E 3	-3.4	-1.079 +/- 1.277E -3	TI		
ZN	FE PEAK IS AT CHANNEL 104.19 WITH HALFWIDTH OF 5.9 2.823 +/- 3.563E -5 ZN				4.70.	TI PEAK IS SUMMED STARTING -39.60 CHANNELS HIGHER.							
CU	FE PEAK IS AT CHANNEL 104.19 WITH HALFWIDTH OF 6.0 -.996 +/- 4.460E -5 CU				570	543*9434	50	1.131 +/- .016E 3	2.5	2.181 +/- 2.688E -3	CA		
PB	FE PEAK IS AT CHANNEL 104.19 WITH HALFWIDTH OF 6.960 +/- .096E 4 -95.9 -1.379 +/- .144E -3 PB				4.70.	CA PEAK IS SUMMED STARTING -56.60 CHANNELS HIGHER.							
RB	PEAK IS AT CHANNEL 417.61 WITH HALFWIDTH OF 9.42. PB PEAK IS SUMMED STARTING *91.00 CHANNELS HIGHER.				908	1958*8090	232	6.960 +/- .096E 4	-95.9	-1.379 +/- .144E -3	PB		
SR	PEAK IS AT CHANNEL 417.61 WITH HALFWIDTH OF 9.42. RB PEAK IS SUMMED STARTING *79.00 CHANNELS HIGHER.				9.42.	PB PEAK IS SUMMED STARTING *91.00 CHANNELS HIGHER.			119.1	1.191 +/- .055E -4	RB		
Y	PEAK IS AT CHANNEL 417.61 WITH HALFWIDTH OF 9.42. SR PEAK IS SUMMED STARTING *66.00 CHANNELS HIGHER.				3325	1048*8210	243	1.001 +/- .022E 6	1.140	.035E -4	SR		
ZR	376 RB .16500 0 0. PEAK IS AT CHANNEL 417.61 WITH HALFWIDTH OF 9.42. Y PEAK IS SUMMED STARTING *48.00 CHANNELS HIGHER.				9.42.	SR PEAK IS SUMMED STARTING *66.00 CHANNELS HIGHER.			149.8	.055E -4	SR		
NB	428 SR .16500 0 PB .05500 PEAK IS AT CHANNEL 417.61 WITH HALFWIDTH OF 9.42. ZR PEAK IS SUMMED STARTING *34.00 CHANNELS HIGHER.				1483	464*8520	275	1.840 +/- .027E 6	40.5	2.203 +/- .191E -5	Y		
MO	98 Y .15200 0 0. PEAK IS AT CHANNEL 417.61 WITH HALFWIDTH OF 9.42. NB PEAK IS SUMMED STARTING *15.60 CHANNELS HIGHER.				4251	677*8660	291	2.259 +/- .034E 6	217.0	9.605 +/- .306E -5	ZR		
NI	500 ZR .15900 0 0. PEAK IS AT CHANNEL 417.61 WITH HALFWIDTH OF 9.42. MO PEAK IS SUMMED STARTING -95.00 CHANNELS HIGHER.				1206	650*8844	307	3.162 +/- .047E 6	34.7	1.097 +/- .148E -5	NB		
K	PEAK IS AT CHANNEL 417.61 WITH HALFWIDTH OF 9.42. NI PEAK IS SUMMED STARTING 20.00 CHANNELS HIGHER.				2142	1818*9050	329	4.517 +/- .068E 6	-14.7	-3.252 +/- 2.183E -6	MO		
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				167	188*0200	126	4.694 +/- .064E 4	-1.9	-4.087 +/- 5.901E -5	NI		
					642	499*9365	43	3.480 +/- .048E 4	13.1	3.755 +/- 1.382E -4	K		
					4.70.	K PEAK IS SUMMED STARTING -63.50 CHANNELS HIGHER.							

8059 N BUR-302 PX6 PACHAMACHAY JUNIN PAX2 LEVEL 6
 GAMMA SPECTRUM-B 606001

THE IN [23.11KEV] PEAK HAS A HALFWIDTH OF 8.14 CHANNELS
 STD NUMBER 1 -605424 A SAMPLE WEIGHT = -0. MG DEAD TIME = .50 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 24254.50 DAYS COUNT TIME = 79.993 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 24254.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 4/14/1925 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS	BKGD	APPR	REAL	I	FLUX(N/MIN-CM ²)	CPM	ELEMENT	ELEMENT
	COUNTS	EL	MULT	COUNTS	COUNTS	COUNTS	PEAK	PEAK	X		EOB	ABUNDANCE	
INCOH					271160	68448	385	388	3.880 +/- .016E 5	183346.0	.005 +/- 5.635E 2		
COH					63170	27476*0412	415	2.276 +/- .019E 3	1946.8	.856 +/- .015E -0			
FE					5982	751*0105	104	3.480 +/- .048E 4	285.3	8.199 +/- .183E -3 FE			
CR					458	466*9784	84	1.705 +/- .023E 4	-4	-2.559 +/- 9.424E -5 CR			
MN	FE PEAK IS AT CHANNEL 104.04 WITH HALFWIDTH OF 6 FE .00120	0 CR .11000			5.12.	CR PEAK IS SUMMED STARTING -21.60 CHANNELS HIGHER.							
TI	FE PEAK IS AT CHANNEL 104.04 WITH HALFWIDTH OF 651	0 CR .11000			5.12.	MN PEAK IS SUMMED STARTING -12.60 CHANNELS HIGHER.							
CA	FE PEAK IS AT CHANNEL 104.04 WITH HALFWIDTH OF 920	0 CR .11000			5.12.	TI PEAK IS SUMMED STARTING -39.60 CHANNELS HIGHER.							
V	FE PEAK IS AT CHANNEL 104.04 WITH HALFWIDTH OF 513	0 CR .11000			5.12.	CA PEAK IS SUMMED STARTING -56.60 CHANNELS HIGHER.							
ZN	FE PEAK IS AT CHANNEL 104.04 WITH HALFWIDTH OF 890	0 CR .11000			5.12.	V PEAK IS SUMMED STARTING -29.60 CHANNELS HIGHER.							
CU	FE PEAK IS AT CHANNEL 104.04 WITH HALFWIDTH OF 675	0 CR .11000			5.12.	ZN PEAK IS SUMMED STARTING 39.40 CHANNELS HIGHER.							
PB	PEAK IS AT CHANNEL 417.50 WITH HALFWIDTH OF 1345	0 CR .11000			9.31.	PB PEAK IS SUMMED STARTING *91.00 CHANNELS HIGHER.							
RB	PEAK IS AT CHANNEL 417.50 WITH HALFWIDTH OF 5751	0 CR .11000			9.31.	1697*8210 243 1.001 +/- .022E 6	138.9	1.387 +/- .051E -4 RB					
SR	PEAK IS AT CHANNEL 417.50 WITH HALFWIDTH OF 5062	0 CR .11000			9.31.	RB PEAK IS SUMMED STARTING *79.00 CHANNELS HIGHER.							
Y	PEAK IS AT CHANNEL 417.50 WITH HALFWIDTH OF 2416	0 CR .11000			9.31.	830*8340 257 1.314 +/- .020E 6	156.6	1.191 +/- .031E -4 SR					
ZR	PEAK IS AT CHANNEL 417.50 WITH HALFWIDTH OF 7451	0 CR .11000			9.31.	SR PEAK IS SUMMED STARTING *66.00 CHANNELS HIGHER.							
NB	PEAK IS AT CHANNEL 417.50 WITH HALFWIDTH OF 2032	0 CR .11000			9.31.	Y PEAK IS SUMMED STARTING *48.00 CHANNELS HIGHER.							
MO	PEAK IS AT CHANNEL 417.50 WITH HALFWIDTH OF 3548	0 CR .11000			9.31.	1259*8660 291 2.259 +/- .034E 6	234.9	1.040 +/- .027E -4 ZR					
NI	PEAK IS AT CHANNEL 417.50 WITH HALFWIDTH OF 280	0 CR .11000			9.31.	1208*8844 307 3.162 +/- .047E 6	31.7	1.002 +/- .122E -5 NB					
K	PEAK IS AT CHANNEL 417.50 WITH HALFWIDTH OF 1077	0 CR .11000			9.31.	2823*9050 329 4.517 +/- .068E 6	-7.5	-1.653 +/- 1.651E -6 MO					
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				5.12.	MO PEAK IS SUMMED STARTING -95.00 CHANNELS HIGHER.							
					1077	824*9365 43 3.480 +/- .048E 4	13.8	3.965 +/- 1.073E -4 K					
					5.12.	K PEAK IS SUMMED STARTING -63.50 CHANNELS HIGHER.							

8059 P BUR-304 PX8 PACHAMACHAY JUNIN PAX7 LEVEL 7
GAMMA SPECTRUM-B 606003

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 8.25CHANNELS
 STD NUMBER 1 -605424 A SAMPLE WEIGHT = -0. MG DEAD TIME = .33 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 27713.00 DAYS COUNT TIME = 79.993 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 27713.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 10/ 2/1934 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											
INCOH				314356	79520	385	388	3.880	+/- .016E	5	215470.0	.006	+/- .006	7.138E	2	
COH				71568	32338*0412	415		2.276	+/- .019E	3	1820.7	.800	+/- .800	.013E	-0	
FE				5860	836*0105	104		3.480	+/- .048E	4	233.2	6.701	+/- .6.701	.152E	-3	
CR				462	490*9784	85		1.705	+/- .023E	4		-1.3	-7.621	+/- .-7.621	8.146E	-5
	FE PEAK IS AT CHANNEL 104.20 WITH HALFWIDTH OF 6 FE	.00120	0 CR	.11000	5.37.	CR PEAK IS SUMMED STARTING -21.60 CHANNELS HIGHER.										
MN				731	557*9874	94		2.255	+/- .031E	4		7.8	3.457	+/- .3.457	.825E	-4
TI	FE PEAK IS AT CHANNEL 104.20 WITH HALFWIDTH OF 711	.00120	0 CR	.11000	5.37.	MN PEAK IS SUMMED STARTING -12.60 CHANNELS HIGHER.									.792E	-3
CA	FE PEAK IS AT CHANNEL 104.20 WITH HALFWIDTH OF 975	.00120	0 CR	.11000	5.37.	TI PEAK IS SUMMED STARTING -39.60 CHANNELS HIGHER.									1.363	+/- .1.363
V	FE PEAK IS AT CHANNEL 104.20 WITH HALFWIDTH OF 499	.00120	0 CR	.11000	5.37.	CA PEAK IS SUMMED STARTING -56.60 CHANNELS HIGHER.									1.709E	-3
ZN	FE PEAK IS AT CHANNEL 104.20 WITH HALFWIDTH OF 964	.00120	0 CR	.11000	5.37.	V PEAK IS SUMMED STARTING -29.60 CHANNELS HIGHER.									9.028	+/- .9.028
CU	FE PEAK IS AT CHANNEL 104.20 WITH HALFWIDTH OF 732	.00120	0 CR	.11000	5.37.	ZN PEAK IS SUMMED STARTING 39.40 CHANNELS HIGHER.									1.864E	-4
PB	FE PEAK IS AT CHANNEL 104.20 WITH HALFWIDTH OF 1567	.00120	0 CR	.11000	5.37.	ZN PEAK IS SUMMED STARTING 39.40 CHANNELS HIGHER.									2.214E	-5
RB	PEAK IS AT CHANNEL 417.49 WITH HALFWIDTH OF 6359	.00120	0 CR	.11000	9.56.	CU PEAK IS SUMMED STARTING 28.40 CHANNELS HIGHER.									.414	+/- .4.14
SR	PEAK IS AT CHANNEL 417.49 WITH HALFWIDTH OF 5796	.00120	0 CR	.11000	9.56.	PB PEAK IS SUMMED STARTING *91.00 CHANNELS HIGHER.									2.912E	-5
Y	PEAK IS AT CHANNEL 417.49 WITH HALFWIDTH OF 723 RB	.00120	0 CR	.11000	9.56.	RB PEAK IS SUMMED STARTING *79.00 CHANNELS HIGHER.									.097E	-3
ZR	PEAK IS AT CHANNEL 417.49 WITH HALFWIDTH OF 811 SR	.00120	0 CR	.11000	9.56.	SR PEAK IS SUMMED STARTING *66.00 CHANNELS HIGHER.									.048E	-4
NB	PEAK IS AT CHANNEL 417.49 WITH HALFWIDTH OF 162 Y	.00120	0 CR	.11000	9.56.	ZR PEAK IS SUMMED STARTING *48.00 CHANNELS HIGHER.									.025E	-4
MO	PEAK IS AT CHANNEL 417.49 WITH HALFWIDTH OF 992 ZR	.00120	0 CR	.11000	9.56.	Y PEAK IS SUMMED STARTING *34.00 CHANNELS HIGHER.									.143E	-5
NI	PEAK IS AT CHANNEL 417.49 WITH HALFWIDTH OF 377	.00120	0 CR	.11000	9.56.	NB PEAK IS SUMMED STARTING *15.60 CHANNELS HIGHER.									.1.991	+/- .1.991
K	FE PEAK IS AT CHANNEL 104.20 WITH HALFWIDTH OF 1017	.00120	0 CR	.11000	9.56.	MO PEAK IS SUMMED STARTING *-8.0 CHANNELS HIGHER.									.025E	-4
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				5.37.	NI PEAK IS SUMMED STARTING 20.00 CHANNELS HIGHER.									.1.019	+/- .1.019
					5.37.	K PEAK IS SUMMED STARTING -63.50 CHANNELS HIGHER.									.1.240	+/- .1.240

8059 Q BUR-305 ISB17 AY5-5 AYACUCHO SURFACE
GAMMA SPECTRUM-B 606004

THE IN {23.11KEV} PEAK HAS A HALFWIDTH OF 8.29CHANNELS
 STD NUMBER 1 -605424 A SAMPLE WEIGHT = -0. MG DEAD TIME = .30 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 44134.50 DAYS COUNT TIME = 79.994 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 44134.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 9/18/1979 PST

8059 R BUR-306 ISB18 AY5-5 AYACUCHO SURFACE
GAMMA SPECTRUM-B 606005

THE IN {23.11KEV} PEAK HAS A HALFWIDTH OF 7.93CHANNELS
 STD NUMBER 1 -605424 A SAMPLE WEIGHT = -0. MG DEAD TIME = .32 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 57056.00 DAYS COUNT TIME = 79.994 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 57056.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 2/ 2/2015 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										
INCOH					298996	78397	385	388	3.880 +/- .016E 5	201233.0	.005 +/- 6.604E 2			
COH					74793	30318*0412	415		2.276 +/- .019E 3	2210.1	.971 +/- .015E -0			
FE					4792	890*0105	104		3.480 +/- .048E 4	193.9	5.572 +/- .141E -3 FE			
CR					528	537*9784	84		1.705 +/- .023E 4		-.4 -2.623 +/- 9.213E -5 CR			
	FE PEAK IS AT CHANNEL 104.07 WITH HALFWIDTH OF 5.15.	5 FE	.00120	0 CR	.11000				CR PEAK IS SUMMED STARTING -21.60 CHANNELS HIGHER.					
MN					760	616*9874	94		2.255 +/- .031E 4		6.9 3.070 +/- .916E -4 MN			
	FE PEAK IS AT CHANNEL 104.07 WITH HALFWIDTH OF 5.15.								MN PEAK IS SUMMED STARTING -12.60 CHANNELS HIGHER.					
TI					746	745*9604	67		3.132 +/- .043E 3		.0 .159 +/- 9.179E -4 TI			
CA	FE PEAK IS AT CHANNEL 104.07 WITH HALFWIDTH OF 5.15.								TI PEAK IS SUMMED STARTING -39.60 CHANNELS HIGHER.					
V	FE PEAK IS AT CHANNEL 104.07 WITH HALFWIDTH OF 5.15.				1016	813*9434	50		1.131 +/- .016E 3		10.1 8.920 +/- 1.882E -3 CA			
ZN	FE PEAK IS AT CHANNEL 104.07 WITH HALFWIDTH OF 5.15.								CA PEAK IS SUMMED STARTING -56.60 CHANNELS HIGHER.					
CU	FE PEAK IS AT CHANNEL 104.07 WITH HALFWIDTH OF 5.15.				590	593*9704	76		7.656 +/- .105E 3		-.1 -.195 +/- 2.137E -4 V			
PB	FE PEAK IS AT CHANNEL 104.07 WITH HALFWIDTH OF 5.15.								V PEAK IS SUMMED STARTING -29.60 CHANNELS HIGHER.					
RB	PEAK IS AT CHANNEL 417.16 WITH HALFWIDTH OF 9.41.				910	892*0394	148		1.392 +/- .019E 5		.9 .643 +/- 2.624E -5 ZN			
SR	PEAK IS AT CHANNEL 417.16 WITH HALFWIDTH OF 9.41.								ZN PEAK IS SUMMED STARTING 39.40 CHANNELS HIGHER.					
Y	PEAK IS AT CHANNEL 417.16 WITH HALFWIDTH OF 9.41.	618 RB	.16500	0	0.				CU PEAK IS SUMMED STARTING 39.40 CHANNELS HIGHER.					
ZR	PEAK IS AT CHANNEL 417.16 WITH HALFWIDTH OF 9.41.	656 SR	.16500	0 PB	.05500				PB PEAK IS SUMMED STARTING *91.00 CHANNELS HIGHER.					
NB	PEAK IS AT CHANNEL 417.16 WITH HALFWIDTH OF 9.41.	150 Y	.15200	0	0.				RB PEAK IS SUMMED STARTING *79.00 CHANNELS HIGHER.					
MO	PEAK IS AT CHANNEL 417.16 WITH HALFWIDTH OF 9.41.	860 ZR	.15900	0	0.				SR PEAK IS SUMMED STARTING *66.00 CHANNELS HIGHER.					
NI	PEAK IS AT CHANNEL 417.16 WITH HALFWIDTH OF 9.41.								ZR PEAK IS SUMMED STARTING *34.00 CHANNELS HIGHER.					
K	FE PEAK IS AT CHANNEL 104.07 WITH HALFWIDTH OF 5.15.								Y PEAK IS SUMMED STARTING *48.00 CHANNELS HIGHER.					
	FE PEAK IS AT CHANNEL 104.07 WITH HALFWIDTH OF 5.15.								ZR PEAK IS SUMMED STARTING *34.00 CHANNELS HIGHER.					
	COUNT RATE CORRECTION FOR LAST ELEMENT = I								NB PEAK IS SUMMED STARTING *15.60 CHANNELS HIGHER.					

8059 S BUR-307 ISB19 AY5-5 AYACUCHO SURFAC
GAMMA SPECTRUM-B 606006

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.87CHANNELS
STD NUMBER 1 -605424 A SAMPLE WEIGHT = -0. MG DEAD TIME = .56 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 182964.50 DAYS COUNT TIME = 79.990 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 182964.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

8059 T BUR-308 ISB20 AY5-5 AYACUCHO SURFACE
GAMMA SPECTRUM-B 606007

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.77CHANNELS
 STD NUMBER 1 -605424 A SAMPLE WEIGHT = -0. MG DEAD TIME = .78 0/0 EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 166983.00 DAYS COUNT TIME = 79.990 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 166983.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS	BKGD	APPR	REAL	I	FLUX(N/MIN-CM2)	CPM	ELEMENT	ELEMENT
	COUNTS	EL	MULT	COUNTS	EL	MULT	COUNTS	COUNTS	PEAK	PEAK	X	EOB	ABUNDANCE
INCOH				716859	175036	385	388	3.880	+/- .016E 5	522457.0	.001	+/- 2.569E 3	
COH				179634	71032*0412	415	2.276	+/- .019E 3	2078.7	.913	+/- .011E -0		
FE				10021	2126*0105	104	3.480	+/- .048E 4	151.1	4.343	+/- .089E -3 FE		
CR				1157	1247*9784	84	1.705	+/- .023E 4	-1.7	-1.010	+/- .534E -4 CR		
MN	FE PEAK IS AT CHANNEL 103.91 WITH HALFWIDTH OF 9 FE	.00120	O CR	.11000	1762	1485*9874	94	2.255	+/- .031E 4	5.1	2.271	+/- .544E -4 MN	
TI	FE PEAK IS AT CHANNEL 103.91 WITH HALFWIDTH OF				5.17.	MN PEAK IS SUMMED	STARTING -12.60 CHANNELS HIGHER.						
CA	FE PEAK IS AT CHANNEL 103.91 WITH HALFWIDTH OF				1762	1696*9604	67	3.132	+/- .043E 3	1.3	4.034	+/- 5.401E -4 TI	
V	FE PEAK IS AT CHANNEL 103.91 WITH HALFWIDTH OF				5.17.	TI PEAK IS SUMMED	STARTING -39.60 CHANNELS HIGHER.						
ZN	FE PEAK IS AT CHANNEL 103.91 WITH HALFWIDTH OF				2226	1909*9434	50	1.131	+/- .016E 3	6.1	5.365	+/- 1.091E -3 CA	
CU	FE PEAK IS AT CHANNEL 103.91 WITH HALFWIDTH OF				5.17.	CA PEAK IS SUMMED	STARTING -56.60 CHANNELS HIGHER.						
PB	FE PEAK IS AT CHANNEL 103.91 WITH HALFWIDTH OF				1298	1299*9704	76	7.656	+/- .105E 3	-.0	-.025	+/- 1.220E -4 V	
RB	PEAK IS AT CHANNEL 417.20 WITH HALFWIDTH OF				5.17.	V PEAK IS SUMMED	STARTING -29.60 CHANNELS HIGHER.						
SR	PEAK IS AT CHANNEL 417.20 WITH HALFWIDTH OF				2248	2065*0394	148	1.392	+/- .019E 5	3.5	2.516	+/- 1.548E -5 ZN	
Y	PEAK IS AT CHANNEL 417.20 WITH HALFWIDTH OF 1324 RB .16500	0	0.		5.17.	ZN PEAK IS SUMMED	STARTING 39.40 CHANNELS HIGHER.						
ZR	PEAK IS AT CHANNEL 417.20 WITH HALFWIDTH OF 1455 SR .16500	0	PB	.05500	1917	1807*0284	136	1.009	+/- .014E 5	2.1	2.086	+/- 1.909E -5 CU	
NB	PEAK IS AT CHANNEL 417.20 WITH HALFWIDTH OF 309 Y .15200	0	0.		5.17.	CU PEAK IS SUMMED	STARTING 28.40 CHANNELS HIGHER.						
MO	PEAK IS AT CHANNEL 417.20 WITH HALFWIDTH OF 1901 ZR .15900	0	0.		3309	6589*8090	231	6.960	+/- .096E 4	-62.8	-9.021	+/- .562E -4 PB	
NI	PEAK IS AT CHANNEL 417.20 WITH HALFWIDTH OF				8.96.	PB PEAK IS SUMMED	STARTING *91.00 CHANNELS HIGHER.						
K	FE PEAK IS AT CHANNEL 103.91 WITH HALFWIDTH OF				11758	3734*8210	242	1.001	+/- .022E 6	152.8	1.527	+/- .047E -4 RB	
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				8.96.	RB PEAK IS SUMMED	STARTING *79.00 CHANNELS HIGHER.						
	FE PEAK IS AT CHANNEL 103.91 WITH HALFWIDTH OF				11106	2290*8340	256	1.314	+/- .020E 6	167.9	1.277	+/- .027E -4 SR	
					8.96.	SR PEAK IS SUMMED	STARTING *66.00 CHANNELS HIGHER.						
					5648	2290*8520	274	1.840	+/- .027E 6	38.7	2.105	+/- .121E -5 Y	
					8.96.	Y PEAK IS SUMMED	STARTING *48.00 CHANNELS HIGHER.						
					16755	3342*8660	290	2.259	+/- .034E 6	227.8	1.009	+/- .021E -4 ZR	
					8.96.	ZR PEAK IS SUMMED	STARTING *34.00 CHANNELS HIGHER.						
					4946	3206*8844	307	3.162	+/- .047E 6	27.3	8.626	+/- .810E -6 NB	
					8.96.	NB PEAK IS SUMMED	STARTING *15.60 CHANNELS HIGHER.						
					8475	7351*9050	328	4.517	+/- .068E 6	-14.8	-3.286	+/- 1.005E -6 MO	
					8.96.	MO PEAK IS SUMMED	STARTING -95.00 CHANNELS HIGHER.						
					843	796*0200	125	4.694	+/- .064E 4	.9	1.916	+/- 2.588E -5 NI	
					5.17.	NI PEAK IS SUMMED	STARTING 20.00 CHANNELS HIGHER.						
					2628	2017*9365	43	3.480	+/- .048E 4	11.7	3.361	+/- .583E -4 K	
					5.17.	K PEAK IS SUMMED	STARTING -63.50 CHANNELS HIGHER.						

8059 V BUR-310 ISB22 AY5-5 AYACUCHO SURFACE
GAMMA SPECTRUM-B 606009

THE IN [23.11KEV] PEAK HAS A HALFWIDTH OF 7.68CHANNELS
STD NUMBER 1 -605424 A SAMPLE WEIGHT = -0. MG DEAD TIME = .84 0/0 EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 168037.00 DAYS COUNT TIME = 79.991 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 168037.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS COUNTS	BKGD COUNTS	APPR PEAK	REAL PEAK	I X	FLUX(N/MIN-CM2)	CPM EOB	ELEMENT	ELEMENT ABUNDANCE
	COUNTS	EL	MULT	COUNTS	EL	MULT							
INCOH				774943	178210	385	388	3.880	+/- .016E 5	577367.0	.001	+/- 2.874E	3
COH				191103	75972*0412	415		2.276	+/- .019E 3	1994.1	.876	+/- .010E	-0
FE				10939	2137*0105	104		3.480	+/- .048E 4	152.5	4.381	+/- .086E	-3 FE
CR				1353	1273*9784	84		1.705	+/- .023E 4	1.4	8.126	+/- 5.053E	-5 CR
MN	FE PEAK IS AT CHANNEL 11 FE	103.97	WITH HALFWIDTH OF .00120	1762	1496*9874	94		2.255	+/- .031E 4	4.3	1.894	+/- .494E	-4 MN
TI	FE PEAK IS AT CHANNEL 103.97	WITH HALFWIDTH OF		1868	1694*9604	67		3.132	+/- .043E 3	3.0	9.623	+/- 4.915E	-4 TI
CA	FE PEAK IS AT CHANNEL 103.97	WITH HALFWIDTH OF		2408	2041*9434	50		1.131	+/- .016E 3	6.4	5.621	+/- 1.023E	-3 CA
V	FE PEAK IS AT CHANNEL 103.97	WITH HALFWIDTH OF		1405	1374*9704	76		7.656	+/- .105E 3	.5	.701	+/- 1.143E	-4 V
ZN	FE PEAK IS AT CHANNEL 103.97	WITH HALFWIDTH OF		2458	2087*0394	148		1.392	+/- .019E 5	6.4	4.616	+/- 1.420E	-5 ZN
CU	FE PEAK IS AT CHANNEL 103.97	WITH HALFWIDTH OF		2099	1983*0284	136		1.009	+/- .014E 5	2.0	1.991	+/- 1.809E	-5 CU
PB	PEAK IS AT CHANNEL 417.25	WITH HALFWIDTH OF		3594	7040*8090	231		6.960	+/- .096E 4	-59.7	-8.576	+/- .526E	-4 PB
RB	PEAK IS AT CHANNEL 417.25	WITH HALFWIDTH OF		9.00.	PB PEAK IS SUMMED	STARTING *91.00		PEAKS HIGHER.		145.7	1.456	+/- .044E	-4 RB
SR	PEAK IS AT CHANNEL 417.25	WITH HALFWIDTH OF		12529	4072*8210	242		1.001	+/- .022E 6				
Y	PEAK IS AT CHANNEL 417.25	WITH HALFWIDTH OF		9.00.	RB PEAK IS SUMMED	STARTING *79.00		PEAKS HIGHER.		157.5	1.198	+/- .026E	-4 SR
ZR	PEAK IS AT CHANNEL 417.25	WITH HALFWIDTH OF		11639	2502*8340	256		1.314	+/- .020E 6				
NB	1395 RB 16500	0 0.		9.00.	SR PEAK IS SUMMED	STARTING *66.00		PEAKS HIGHER.		36.7	1.992	+/- .114E	-5 Y
MO	PEAK IS AT CHANNEL 417.25	WITH HALFWIDTH OF		6024	2502*8520	274		1.840	+/- .027E 6				
NI	1508 SR 16500	0 PB 05500		9.00.	Y PEAK IS SUMMED	STARTING *48.00		PEAKS HIGHER.		213.1	9.436	+/- .200E	-5 ZR
NI	PEAK IS AT CHANNEL 417.25	WITH HALFWIDTH OF		17464	3595*8660	290		2.259	+/- .034E 6				
MO	323 Y 15200	0 0.		9.00.	ZR PEAK IS SUMMED	STARTING *34.00		PEAKS HIGHER.		26.0	8.237	+/- .760E	-6 NB
NI	PEAK IS AT CHANNEL 417.25	WITH HALFWIDTH OF		5283	3450*8844	307		3.162	+/- .047E 6				
K	1965 ZR 15900	0 0.		9.00.	NB PEAK IS SUMMED	STARTING *15.60		PEAKS HIGHER.		-3.3	-7.361	+/- 9.334E	-7 MO
NI	PEAK IS AT CHANNEL 417.25	WITH HALFWIDTH OF		9480	7707*9050	328		4.517	+/- .068E 6				
K	FE PEAK IS AT CHANNEL 103.97	WITH HALFWIDTH OF		9.00.	MO PEAK IS SUMMED	STARTING *95.00		PEAKS HIGHER.		1.5	3.210	+/- 2.324E	-5 NI
	COUNT RATE CORRECTION FOR LAST ELEMENT = I			4.95.	NI PEAK IS SUMMED	STARTING 20.00		PEAKS HIGHER.		5.9	1.692	+/- .566E	-4 K
				2699	2359*9365	43		3.480	+/- .048E 4				
				4.95.	K PEAK IS SUMMED	STARTING -63.50		PEAKS HIGHER.					

8059 W BUR-311 ISB23 AY5-5 AYACUCHO SURFACE
GAMMA SPECTRUM-B 606010

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.79 CHANNELS
STD NUMBER 1 -605424 A SAMPLE WEIGHT = -0. MG DEAD TIME = .79 0/0 EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 250045.00 DAYS COUNT TIME = 79.993 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 250045.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS COUNTS	BKGD COUNTS	APPR PEAK	REAL PEAK	I X	FLUX(N/MIN-CM2)	CPM	ELEMENT	ELEMENT
	COUNTS EL	MULT	COUNTS EL	MULT							EOB	ABUNDANCE	
INCOH					677368	167139	385	388	3.880 +/- .016E 5	490863.0	.001 +/- 2.356E 3		
COH					174875	71119*0412	415		2.276 +/- .019E 3	2113.7	.929 +/- .011E -0		
FE					9233	2558*0105	104		3.480 +/- .048E 4	136.0	3.908 +/- .088E -3 FE		
CR					1595	1480*9784	84		1.705 +/- .023E 4	2.3	1.374 +/- .643E -4 CR		
MN	FE PEAK IS AT CHANNEL 104.04 WITH HALFWIDTH OF 8 FE	.00120	13 CR	.11000	2008	1729*9874	94		2.255 +/- .031E 4	5.3	2.334 +/- .621E -4 MN		
TI	FE PEAK IS AT CHANNEL 104.04 WITH HALFWIDTH OF				4.99.	MN PEAK IS SUMMED STARTING -12.60 CHANNELS HIGHER.							
CA	FE PEAK IS AT CHANNEL 104.04 WITH HALFWIDTH OF				2126	1986*9604	67		3.132 +/- .043E 3	2.9	9.107 +/- 6.237E -4 TI		
V	FE PEAK IS AT CHANNEL 104.04 WITH HALFWIDTH OF				4.99.	TI PEAK IS SUMMED STARTING -39.60 CHANNELS HIGHER.							
ZN	FE PEAK IS AT CHANNEL 104.04 WITH HALFWIDTH OF				2691	2377*9434	50		1.131 +/- .016E 3	6.4	5.656 +/- 1.284E -3 CA		
CU	FE PEAK IS AT CHANNEL 104.04 WITH HALFWIDTH OF				4.99.	CA PEAK IS SUMMED STARTING -56.60 CHANNELS HIGHER.							
PB	FE PEAK IS AT CHANNEL 104.04 WITH HALFWIDTH OF				1625	1522*9704	76		7.656 +/- .105E 3	2.1	2.741 +/- 1.432E -4 V		
RB	PEAK IS AT CHANNEL 417.23 WITH HALFWIDTH OF				4.99.	V PEAK IS SUMMED STARTING -29.60 CHANNELS HIGHER.							
SR	PEAK IS AT CHANNEL 417.23 WITH HALFWIDTH OF				2864	2548*0394	148		1.392 +/- .019E 5	6.4	4.625 +/- 1.835E -5 ZN		
Y	PEAK IS AT CHANNEL 417.23 WITH HALFWIDTH OF 1178 RB .16500	0 0.			4.99.	ZN PEAK IS SUMMED STARTING 39.40 CHANNELS HIGHER.							
ZR	PEAK IS AT CHANNEL 417.23 WITH HALFWIDTH OF 1237 SR .16500	0 PB .05500			11183	4044*8210	242		1.001 +/- .022E 6	145.4	1.453 +/- .048E -4 RB		
NB	PEAK IS AT CHANNEL 417.23 WITH HALFWIDTH OF 221 Y .15200	0 0.			8.98.	RB PEAK IS SUMMED STARTING *79.00 CHANNELS HIGHER.							
MO	PEAK IS AT CHANNEL 417.23 WITH HALFWIDTH OF 1625 ZR .15900	0 0.			10365	2868*8340	256		1.314 +/- .020E 6	152.7	1.162 +/- .028E -4 SR		
NI	PEAK IS AT CHANNEL 417.23 WITH HALFWIDTH OF				8.98.	SR PEAK IS SUMMED STARTING *66.00 CHANNELS HIGHER.							
K	FE PEAK IS AT CHANNEL 104.04 WITH HALFWIDTH OF				5503	2868*8520	274		1.840 +/- .027E 6	29.7	1.613 +/- .134E -5 Y		
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				8.98.	Y PEAK IS SUMMED STARTING *48.00 CHANNELS HIGHER.							
					15641	4185*8660	290		2.259 +/- .034E 6	208.2	9.216 +/- .217E -5 ZR		
					4667	4015*8844	307		3.162 +/- .047E 6	8.8	2.773 +/- .922E -6 NB		
					8.98.	NB PEAK IS SUMMED STARTING *15.60 CHANNELS HIGHER.							
					8251	6855*9050	328		4.517 +/- .068E 6	-4.7	-1.032 +/- 1.039E -6 MO		
					1086	996*0200	126		4.694 +/- .064E 4	1.8	3.906 +/- 3.091E -5 NI		
					4.99.	NI PEAK IS SUMMED STARTING 20.00 CHANNELS HIGHER.							
					3009	2787*9365	43		3.480 +/- .048E 4	4.5	1.300 +/- .719E -4 K		
					4.99.	K PEAK IS SUMMED STARTING -63.50 CHANNELS HIGHER.							

8059 X BUR-312 ISB24 AY5-5 AYACUCHO SURFACE
GAMMA SPECTRUM-B 606011

THE IN {23.11KEV} PEAK HAS A HALFWIDTH OF 7.88CHANNELS
STD NUMBER 1 -605424 A SAMPLE WEIGHT = -0. MG DEAD TIME = .10 0/0 EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 36489.00 DAYS COUNT TIME = 79.996 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 36489.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 10/12/1958 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				101677	28498	385	388	3.880	+/- .016E 5	53813.0	.001	+/- 1.058E	2
COH				25142	10806*0412	415	2.276	+/- .019E 3	2664.0	1.171	+/- .031E	0	
FE				1831	411*0105	104	3.480	+/- .048E 4	263.9	7.583	+/- .307E	-3 FE	
CR				220	230*9784	85	1.705	+/- .023E 4	-1.9	-1.090	+/- 2.253E	-4 CR	
	FE PEAK IS AT CHANNEL	104.19	WITH HALFWIDTH OF	4.63.	CR PEAK IS SUMMED STARTING	-21.60	CHANNELS HIGHER.						
MN	2 FE	.00120	0 CR	.11000	305	273*9874	94	2.255	+/- .031E 4	5.6	2.497	+/- 2.240E	-4 MN
TI	FE PEAK IS AT CHANNEL	104.19	WITH HALFWIDTH OF	4.63.	MN PEAK IS SUMMED STARTING	-12.60	CHANNELS HIGHER.						
CA	FE PEAK IS AT CHANNEL	104.19	WITH HALFWIDTH OF	4.63.	TI PEAK IS SUMMED STARTING	-39.60	CHANNELS HIGHER.						
V	FE PEAK IS AT CHANNEL	104.19	WITH HALFWIDTH OF	4.63.	CA PEAK IS SUMMED STARTING	-56.60	CHANNELS HIGHER.						
ZN	FE PEAK IS AT CHANNEL	104.19	WITH HALFWIDTH OF	4.63.	V PEAK IS SUMMED STARTING	-29.60	CHANNELS HIGHER.						
CU	FE PEAK IS AT CHANNEL	104.19	WITH HALFWIDTH OF	4.63.	ZN PEAK IS SUMMED STARTING	39.40	CHANNELS HIGHER.						
PB	FE PEAK IS AT CHANNEL	104.19	WITH HALFWIDTH OF	4.63.	ZN PEAK IS SUMMED STARTING	*91.00	CHANNELS HIGHER.						
RB	PEAK IS AT CHANNEL	417.06	WITH HALFWIDTH OF	9.22.	PB PEAK IS SUMMED STARTING	1.001	+/- .022E 6	161.9	1.617	+/- .096E	-4 RB		
SR	PEAK IS AT CHANNEL	417.06	WITH HALFWIDTH OF	9.22.	RB PEAK IS SUMMED STARTING	*79.00	CHANNELS HIGHER.						
Y	PEAK IS AT CHANNEL	417.06	WITH HALFWIDTH OF	9.22.	SR PEAK IS SUMMED STARTING	*66.00	CHANNELS HIGHER.						
ZR	205 RB	.16500	0	853	283*8520	274	1.840	+/- .027E 6	52.8	2.871	+/- .334E	-5 Y	
NB	PEAK IS AT CHANNEL	417.06	WITH HALFWIDTH OF	9.22.	Y PEAK IS SUMMED STARTING	*48.00	CHANNELS HIGHER.						
MO	236 SR	.16500	0 PB	.05500	2626	413*8660	290	2.259	+/- .034E 6	302.2	1.338	+/- .052E	-4 ZR
NI	PEAK IS AT CHANNEL	417.06	WITH HALFWIDTH OF	9.22.	ZR PEAK IS SUMMED STARTING	*34.00	CHANNELS HIGHER.						
K	56 Y	.15200	0	0.	756	396*8844	306	3.162	+/- .047E 6	49.5	1.565	+/- .250E	-5 NB
MO	314 ZR	.15900	0	0.	1280	1027*9050	328	4.517	+/- .068E 6	-10.7	-2.358	+/- 3.440E	-6 MO
NI	PEAK IS AT CHANNEL	417.06	WITH HALFWIDTH OF	9.22.	NB PEAK IS SUMMED STARTING	*15.60	CHANNELS HIGHER.						
	FE PEAK IS AT CHANNEL	104.19	WITH HALFWIDTH OF	4.63.	NB PEAK IS SUMMED STARTING	-95.00	CHANNELS HIGHER.						
	FE PEAK IS AT CHANNEL	104.19	WITH HALFWIDTH OF	4.63.	MO PEAK IS SUMMED STARTING	-20.00	CHANNELS HIGHER.						
	COUNT RATE CORRECTION FOR LAST ELEMENT =	I		452	433*9365	43	3.480	+/- .048E 4	3.5	1.015	+/- 2.591E	-4 K	
	FE PEAK IS AT CHANNEL	104.19	WITH HALFWIDTH OF	4.63.	K PEAK IS SUMMED STARTING	-63.50	CHANNELS HIGHER.						

8059 Z BUR-313 ISB25 AY5-5 AYACUCHO SURFACE
GAMMA SPECTRUM-B 606013

THE IN {23.11KEV} PEAK HAS A HALFWIDTH OF 7.58CHANNELS
STD NUMBER 1 -605424 A SAMPLE WEIGHT = -0. MG DEAD TIME = .91 0/0 EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 238909.50 DAYS COUNT TIME = 79.990 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 238909.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS COUNTS	BKGD COUNTS	APPR PEAK	REAL PEAK	I X	FLUX(N/MIN-CM2)	CPM EOB	ELEMENT	ELEMENT
	COUNTS	EL	MULT	COUNTS	EL	MULT	ABUNDANCE						
INCOH				859958	199279	385	388	3.880	+/- .016E 5	641313.0	.002	+/- 3.372E	3
COH				214495	84181*0412	415	2.276	+/- .019E 3	2032.0	.893	+/- .010E	-0	
FE				11638	2763*0105	104	3.480	+/- .048E 4	138.4	3.977	+/- .080E	-3 FE	
CR				1599	1641*9784	84	1.705	+/- .023E 4	-7	-3.841	+/- 5.037E	-5 CR	
MN	FE PEAK IS AT CHANNEL 104.03 WITH HALFWIDTH OF 11 FE	.00120	0 CR	.11000	2138	1870*9874	94	2.255	+/- .031E 4	4.0	1.780	+/- .491E	-4 MN
TI	FE PEAK IS AT CHANNEL 104.03 WITH HALFWIDTH OF 11 FE	.00120	0 CR	.11000	2310	2219*9604	67	3.132	+/- .043E 3	1.4	4.531	+/- 5.028E	-4 TI
CA	FE PEAK IS AT CHANNEL 104.03 WITH HALFWIDTH OF 11 FE	.00120	0 CR	.11000	2933	2554*9434	50	1.131	+/- .016E 3	5.9	5.226	+/- 1.023E	-3 CA
V	FE PEAK IS AT CHANNEL 104.03 WITH HALFWIDTH OF 11 FE	.00120	0 CR	.11000	1708	1764*9704	76	7.656	+/- .105E 3	-9	-1.141	+/- 1.148E	-4 V
ZN	FE PEAK IS AT CHANNEL 104.03 WITH HALFWIDTH OF 11 FE	.00120	0 CR	.11000	3072	2783*0394	148	1.392	+/- .019E 5	4.5	3.238	+/- 1.465E	-5 ZN
CU	FE PEAK IS AT CHANNEL 104.03 WITH HALFWIDTH OF 11 FE	.00120	0 CR	.11000	2671	2473*0284	136	1.009	+/- .014E 5	3.1	3.059	+/- 1.821E	-5 CU
PB	FE PEAK IS AT CHANNEL 104.03 WITH HALFWIDTH OF 11 FE	.00120	0 CR	.11000	4405	8344*8090	231	6.960	+/- .096E 4	-61.4	-8.825	+/- .518E	-4 PB
RB	PEAK IS AT CHANNEL 417.18 WITH HALFWIDTH OF 1553 RB	.16500	0 CR	.0.	9.01.	PB PEAK IS SUMMED STARTING *91.00 CHANNELS HIGHER.				146.8	1.467	+/- .043E	-4 RB
SR	PEAK IS AT CHANNEL 417.18 WITH HALFWIDTH OF 1553 RB	.16500	0 CR	.0.	13960	4545*8210	242	1.001	+/- .022E 6				
Y	PEAK IS AT CHANNEL 417.18 WITH HALFWIDTH OF 1553 RB	.16500	0 CR	.0.	9.01.	RB PEAK IS SUMMED STARTING *79.00 CHANNELS HIGHER.				150.5	1.145	+/- .025E	-4 SR
ZR	PEAK IS AT CHANNEL 417.18 WITH HALFWIDTH OF 1593 SR	.16500	0 CR	.0.	12855	3203*8340	256	1.314	+/- .020E 6				
NB	PEAK IS AT CHANNEL 417.18 WITH HALFWIDTH OF 1593 SR	.16500	0 CR	.0.	9.01.	SR PEAK IS SUMMED STARTING *66.00 CHANNELS HIGHER.				30.9	1.677	+/- .112E	-5 Y
MO	PEAK IS AT CHANNEL 417.18 WITH HALFWIDTH OF 2068 ZR	.15900	0 CR	.0.	9.01.	Y PEAK IS SUMMED STARTING *48.00 CHANNELS HIGHER.				202.8	8.980	+/- .193E	-5 ZR
NI	PEAK IS AT CHANNEL 417.18 WITH HALFWIDTH OF 301 Y	.15200	0 CR	.0.	9.01.	ZR PEAK IS SUMMED STARTING *34.00 CHANNELS HIGHER.				17.0	5.390	+/- .761E	-6 NB
K	PEAK IS AT CHANNEL 417.18 WITH HALFWIDTH OF 2068 ZR	.15900	0 CR	.0.	9.01.	NB PEAK IS SUMMED STARTING *15.60 CHANNELS HIGHER.				-14.1	-3.122	+/- .909E	-6 MO
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				9.01.	MO PEAK IS SUMMED STARTING *95.00 CHANNELS HIGHER.				.5	1.129	+/- 2.493E	-5 NI
	FE PEAK IS AT CHANNEL 104.03 WITH HALFWIDTH OF 3210	.2809	0 CR	.0.	4.78.	NI PEAK IS SUMMED STARTING 20.00 CHANNELS HIGHER.				6.3	1.797	+/- .554E	-4 K
	FE PEAK IS AT CHANNEL 104.03 WITH HALFWIDTH OF 3210	.2809	0 CR	.0.	4.78.	K PEAK IS SUMMED STARTING -63.50 CHANNELS HIGHER.							

8059 1 BUR-314 1SB25 AY5-5 AYACUCHO SURFACE
GAMMA SPECTRUM-B 606014

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.56CHANNELS
STD NUMBER 1 -605424 A SAMPLE WEIGHT = -0. MG DEAD TIME = .84 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 236883.00 DAYS COUNT TIME = 79.992 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 236883.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS COUNTS	BKGD COUNTS	APPR PEAK	REAL PEAK	I X	FLUX(N/MIN-CM2)	CPM EOB	ELEMENT	ELEMENT	
	COUNTS	EL	MULT	COUNTS	EL	MULT	ABUNDANCE							
INCOH					773745	179781	385	388	3.880 +/- .016E 5	574598.0	.001	+/- 2.868E	3	
COH					195419	76477*0412	415		2.276 +/- .019E 3	2070.0	.910	+/- .010E	-0	
FE					11120	2659*0105	104		3.480 +/- .048E 4	147.3	4.232	+/- .086E	-3 FE	
CR					1609	1569*9784	84		1.705 +/- .023E 4		.7	+/- 5.579E	-5 CR	
MN	FE PEAK IS AT CHANNEL 103.88 WITH HALFWIDTH OF 10 FE	.00120	4 CR	.11000	2170	1817*9874	94		2.255 +/- .031E 4	5.9	2.612	+/- .549E	-4 MN	
TI	FE PEAK IS AT CHANNEL 103.88 WITH HALFWIDTH OF				4.89.	MN PEAK IS SUMMED STARTING -12.60 CHANNELS HIGHER.								
CA	FE PEAK IS AT CHANNEL 103.88 WITH HALFWIDTH OF				2141	2026*9604	67		3.132 +/- .043E 3	2.0	6.391	+/- 5.352E	-4 TI	
V	FE PEAK IS AT CHANNEL 103.88 WITH HALFWIDTH OF				2760	2297*9434	50		1.131 +/- .016E 3	8.1	7.125	+/- 1.098E	-3 CA	
ZN	FE PEAK IS AT CHANNEL 103.88 WITH HALFWIDTH OF				1594	1674*9704	76		7.656 +/- .105E 3		-1.4	+/- 1.819	+/- 1.243E	-4 V
CU	FE PEAK IS AT CHANNEL 103.88 WITH HALFWIDTH OF				4.89.	V PEAK IS SUMMED STARTING -29.60 CHANNELS HIGHER.								
PB	FE PEAK IS AT CHANNEL 103.88 WITH HALFWIDTH OF				2868	2495*0394	148		1.392 +/- .019E 5	6.5	4.664	+/- 1.554E	-5 ZN	
RB	PEAK IS AT CHANNEL 417.20 WITH HALFWIDTH OF				4.89.	ZN PEAK IS SUMMED STARTING 39.40 CHANNELS HIGHER.								
SR	PEAK IS AT CHANNEL 417.20 WITH HALFWIDTH OF				12334	4172*8210	242		1.001 +/- .022E 6	142.0	1.419	+/- .044E	-4 RB	
Y	PEAK IS AT CHANNEL 417.20 WITH HALFWIDTH OF				8.88.	RB PEAK IS SUMMED STARTING *79.00 CHANNELS HIGHER.								
ZR	PEAK IS AT CHANNEL 417.20 WITH HALFWIDTH OF				11339	2912*8340	256		1.314 +/- .020E 6	146.6	1.116	+/- .025E	-4 SR	
NB	PEAK IS AT CHANNEL 417.20 WITH HALFWIDTH OF				8.88.	SR PEAK IS SUMMED STARTING *66.00 CHANNELS HIGHER.								
MO	PEAK IS AT CHANNEL 417.20 WITH HALFWIDTH OF				5919	2912*8520	274		1.840 +/- .027E 6	28.9	1.570	+/- .118E	-5 Y	
NI	PEAK IS AT CHANNEL 417.20 WITH HALFWIDTH OF				8.88.	Y PEAK IS SUMMED STARTING *48.00 CHANNELS HIGHER.								
K	PEAK IS AT CHANNEL 417.20 WITH HALFWIDTH OF				16879	4229*8660	290		2.259 +/- .034E 6	195.9	8.674	+/- .195E	-5 ZR	
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				8.88.	ZR PEAK IS SUMMED STARTING *34.00 CHANNELS HIGHER.								
					5213	4057*8844	307		3.162 +/- .047E 6	15.7	4.973	+/- .804E	-6 NB	
					8.88.	NB PEAK IS SUMMED STARTING *15.60 CHANNELS HIGHER.								
					8986	7484*9050	328		4.517 +/- .068E 6	-5.0	-1.110	+/- .925E	-6 MO	
					8.88.	MO PEAK IS SUMMED STARTING -95.00 CHANNELS HIGHER.								
					1043	1024*0200	125		4.694 +/- .064E 4	.3	.704	+/- 2.658E	-5 NI	
					4.89.	NI PEAK IS SUMMED STARTING 20.00 CHANNELS HIGHER.								
					3108	2702*9365	43		3.480 +/- .048E 4	7.1	2.031	+/- .609E	-4 K	
					4.89.	K PEAK IS SUMMED STARTING -63.50 CHANNELS HIGHER.								

8059 2 BUR-315 CC1 CHABSHI CAVI
GAMMA SPECTRUM-B 606015

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.89CHANNELS
 STD NUMBER 1 -605424 A SAMPLE WEIGHT = -0. MG DEAD TIME = .67 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 83250.00 DAYS COUNT TIME = 79.993 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 83250.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 10/21/2086 PST

8059 3 BUR-316 CC2 CHABSHI CAVE
GAMMA SPECTRUM-B 606016

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.88CHANNELS
 STD NUMBER 1 -605424 A SAMPLE WEIGHT = -0. MG DEAD TIME = .80 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 149578.50 DAYS COUNT TIME = 79.992 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 149578.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS COUNTS	BKGD COUNTS	APPR PEAK	REAL PEAK	I X	FLUX (IN/MIN-CM ²)		CPM EOB	ELEMENT ABUNDANCE	ELEMENT
	COUNTS	EL	MULT	COUNTS	EL	MULT								
INCOH				710466	176456	385	388		3.880 +/- .016E	5	514644.0	.001 +/- 2.536E	3	
COH				177982	72757*0412		415		2.276 +/- .019E	3	2044.6	.899 +/- .011E	-0	
FE					8042	2106*0105		104	3.480 +/- .048E	4	115.3	3.315 +/- .076E	-3 FE	
CR					1258	1251*9784		84	1.705 +/- .023E	4		.1	.798 +/- 5.541E	-5 CR
MN	FE PEAK IS AT CHANNEL 7 FE	103.93 WITH HALFWIDTH OF .00120	1 CR	.11000	1719	1462*9874		94	2.255 +/- .031E	4		4.8	2.147 +/- .549E	-4 MN
TI	FE PEAK IS AT CHANNEL 103.93 WITH HALFWIDTH OF				5.32.	CR PEAK IS SUMMED	STARTING	-21.60 CHANNELS	HIGHER.					
CA	FE PEAK IS AT CHANNEL 103.93 WITH HALFWIDTH OF				5.32.	MN PEAK IS SUMMED	STARTING	-12.60 CHANNELS	HIGHER.					
V	FE PEAK IS AT CHANNEL 103.93 WITH HALFWIDTH OF				1767	1467*9604		67	3.132 +/- .043E	3		5.8	1.861 +/- .517E	-3 TI
ZN	FE PEAK IS AT CHANNEL 103.93 WITH HALFWIDTH OF				5.32.	TI PEAK IS SUMMED	STARTING	-39.60 CHANNELS	HIGHER.					
CU	FE PEAK IS AT CHANNEL 103.93 WITH HALFWIDTH OF				2350	1862*9434		50	1.131 +/- .016E	3		9.5	8.384 +/- 1.120E	-3 CA
PB	PEAK IS AT CHANNEL 417.18 WITH HALFWIDTH OF				5.32.	CA PEAK IS SUMMED	STARTING	-56.60 CHANNELS	HIGHER.					
RB	PEAK IS AT CHANNEL 417.18 WITH HALFWIDTH OF				1405	1275*9704		76	7.656 +/- .105E	3		2.5	3.300 +/- 1.262E	-4 V
SR	PEAK IS AT CHANNEL 417.18 WITH HALFWIDTH OF				5.32.	V PEAK IS SUMMED	STARTING	-29.60 CHANNELS	HIGHER.					
Y	PEAK IS AT CHANNEL 417.18 WITH HALFWIDTH OF 978 RB	.16500	0	0	2295	2022*0394		148	1.392 +/- .019E	5		5.3	3.811 +/- 1.560E	-5 ZN
ZR	PEAK IS AT CHANNEL 417.18 WITH HALFWIDTH OF 1212 SR	.16500	0 PB	.05500	9.06.	ZN PEAK IS SUMMED	STARTING	39.40 CHANNELS	HIGHER.					
NB	PEAK IS AT CHANNEL 417.18 WITH HALFWIDTH OF 242 Y	.15200	0	0	1926	1872*0284		136	1.009 +/- .014E	5		1.0	1.040 +/- 1.966E	-5 CU
MO	PEAK IS AT CHANNEL 417.18 WITH HALFWIDTH OF 1501 ZR	.15900	0	0	9.06.	CU PEAK IS SUMMED	STARTING	28.40 CHANNELS	HIGHER.					
NI	PEAK IS AT CHANNEL 417.18 WITH HALFWIDTH OF FE PEAK IS AT CHANNEL 103.93 WITH HALFWIDTH OF				3166	5819*8090		231	6.960 +/- .096E	4		-51.6	-7.407 +/- .534E	-4 PB
K	FE PEAK IS AT CHANNEL 103.93 WITH HALFWIDTH OF				9.06.	PB PEAK IS SUMMED	STARTING	*91.00 CHANNELS	HIGHER.					
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				9321	3393*8210		242	1.001 +/- .022E	6		114.0	1.139 +/- .039E	-4 RB
					9.06.	RB PEAK IS SUMMED	STARTING	*79.00 CHANNELS	HIGHER.					
					9720	2376*8340		256	1.314 +/- .020E	6		141.2	1.074 +/- .025E	-4 SR
					9.06.	SR PEAK IS SUMMED	STARTING	*66.00 CHANNELS	HIGHER.					
					4946	2376*8520		274	1.840 +/- .027E	6		30.6	1.664 +/- .118E	-5 Y
					9.06.	Y PEAK IS SUMMED	STARTING	*48.00 CHANNELS	HIGHER.					
					14119	3467*8660		290	2.259 +/- .034E	6		181.7	8.047 +/- .190E	-5 ZR
					9.06.	ZR PEAK IS SUMMED	STARTING	*34.00 CHANNELS	HIGHER.					
					4597	3326*8844		307	3.162 +/- .047E	6		19.8	6.276 +/- .817E	-6 NB
					9.06.	NB PEAK IS SUMMED	STARTING	*15.60 CHANNELS	HIGHER.					
					8613	7040*9050		328	4.517 +/- .068E	6		1.4	.308 +/- 1.002E	-6 MO
					9.06.	MO PEAK IS SUMMED	STARTING	-95.00 CHANNELS	HIGHER.					
					824	760*0200		125	4.694 +/- .064E	4		1.2	2.649 +/- 2.573E	-5 NI
					5.32.	NI PEAK IS SUMMED	STARTING	20.00 CHANNELS	HIGHER.					
					2814	2277*9365		43	3.480 +/- .048E	4		10.4	2.999 +/- .632E	-4 K
					5.32.	K PEAK IS SUMMED	STARTING	-63.50 CHANNELS	HIGHER.					

8059 4 BUR-317 CC3 CHABSHI CAVE
GAMMA SPECTRUM-B 606017

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.85CHANNELS
STD NUMBER 1 -605424 A SAMPLE WEIGHT = -0. MG DEAD TIME = .75 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 154047.50 DAYS COUNT TIME = 79.994 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 154047.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

8059 5 BUR-318 CC4 CHABSHI CAVE
GAMMA SPECTRUM-B 606018

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.83CHANNELS
STD NUMBER 1 -605424 A SAMPLE WEIGHT = -0. MG DEAD TIME = .89 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 121024.00 DAYS COUNT TIME = 79.992 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 121024.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS COUNTS	BKGD COUNTS	APPR PEAK	REAL PEAK	I X	FLUX(N/MIN-CM2)	CPM EOB	ELEMENT ABUNDANCE	ELEMENT
	COUNTS	EL	MULT	COUNTS	EL	MULT							
INCOH					865110	201902	385	388	3.880 +/- .016E 5	643842.0	.002 +/- 3.407E 3		
COH					204309	87572*0412	412	415	2.276 +/- .019E 3	1813.1	.797 +/- .009E -0		
FE					10302	2761*0105	105	104	3.480 +/- .048E 4	117.1	3.366 +/- .072E -3 FE		
CR					1353	1331*9784		85	1.705 +/- .023E 4	.3	2.004 +/- 4.578E -5 CR		
MN	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF 9 FE	.00120	2 CR	.11000	1828	1717*9874	94	94	2.255 +/- .031E 4	1.5	6.856 +/- 4.519E -5 MN		
TI	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF				5.14.	MN PEAK IS SUMMED STARTING -12.60 CHANNELS HIGHER.							
CA	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF				1802	1737*9604	67	67	3.132 +/- .043E 3	1.0	3.224 +/- 4.423E -4 TI		
V	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF				5.14.	TI PEAK IS SUMMED STARTING -39.60 CHANNELS HIGHER.							
ZN	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF				2421	2065*9434	50	50	1.131 +/- .016E 3	5.5	4.889 +/- .922E -3 CA		
CU	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF				5.14.	CA PEAK IS SUMMED STARTING -56.60 CHANNELS HIGHER.							
PB	PEAK IS AT CHANNEL 417.39 WITH HALFWIDTH OF				1327	1364*9704	77	77	7.656 +/- .105E 3	-.6	-.751 +/- 1.007E -4 V		
RB	PEAK IS AT CHANNEL 417.39 WITH HALFWIDTH OF				5.14.	V PEAK IS SUMMED STARTING -29.60 CHANNELS HIGHER.							
SR	PEAK IS AT CHANNEL 417.39 WITH HALFWIDTH OF				3761	3069*0394	148	148	1.392 +/- .019E 5	10.7	7.722 +/- 1.552E -5 ZN		
Y	PEAK IS AT CHANNEL 417.39 WITH HALFWIDTH OF 1230 RB .16500	0	0.		5.14.	ZN PEAK IS SUMMED STARTING 39.40 CHANNELS HIGHER.							
ZR	PEAK IS AT CHANNEL 417.39 WITH HALFWIDTH OF 1437 SR .16500	0 PB	.05500		5888	2607*8520	274	274	1.840 +/- .027E 6	31.0	1.685 +/- .100E -5 Y		
NB	PEAK IS AT CHANNEL 417.39 WITH HALFWIDTH OF 312 Y .15200	0	0.		8.86.	Y PEAK IS SUMMED STARTING *48.00 CHANNELS HIGHER.							
MO	PEAK IS AT CHANNEL 417.39 WITH HALFWIDTH OF 1904 ZR .15900	0	0.		5750	3630*8844	307	307	3.162 +/- .047E 6	27.6	8.716 +/- .695E -6 NB		
NI	PEAK IS AT CHANNEL 417.39 WITH HALFWIDTH OF				10023	8812*9050	328	328	4.517 +/- .068E 6	-10.6	-2.357 +/- .882E -6 MO		
K	FE PEAK IS AT CHANNEL 104.15 WITH HALFWIDTH OF				8.86.	MO PEAK IS SUMMED STARTING -95.00 CHANNELS HIGHER.							
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				922	964*0200	126	126	4.694 +/- .064E 4	-.7	-1.390 +/- 2.287E -5 NI		
					2601	2356*9365	43	43	3.480 +/- .048E 4	3.8	1.094 +/- .504E -4 K		
					5.14.	K PEAK IS SUMMED STARTING -63.50 CHANNELS HIGHER.							

8059 6 BUR-319 CC5 CHABSHI CAVE
GAMMA SPECTRUM-B 606019

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.97CHANNELS
STD NUMBER 1 -605424 A SAMPLE WEIGHT = -0. MG DEAD TIME = .76 0/0 EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 225367.50 DAYS COUNT TIME = 79.993 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 225367.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS COUNTS	BKGD COUNTS	APPR PEAK	REAL PEAK	I X	FLUX(N/MIN-CM2)	CPM EOB	ELEMENT	ELEMENT ABUNDANCE
	COUNTS	EL	MULT	COUNTS	EL	MULT							
INCOH				669875	166113	385	388	3.880	+/- .016E 5	484396.0	.001	+/- 2.321E	3
COH				170007	72990*0412	415		2.276	+/- .019E 3	2002.8	.880	+/- .011E	-0
FE				8699	2246*0105	104		3.480	+/- .048E 4	133.2	3.828	+/- .086E	-3 FE
CR				1396	1334*9784	84		1.705	+/- .023E 4	1.3	7.507	+/- 6.146E	-5 CR
MN	FE PEAK IS AT CHANNEL 104.08 WITH HALFWIDTH OF 8 FE	.00120	7 CR	.11000	1807	1571*9874	94	2.255	+/- .031E 4	4.6	2.027	+/- .601E	-4 MN
TI	FE PEAK IS AT CHANNEL 104.08 WITH HALFWIDTH OF				5.27.	MN PEAK IS SUMMED STARTING -12.60 CHANNELS HIGHER.							
CA	FE PEAK IS AT CHANNEL 104.08 WITH HALFWIDTH OF				1920	1866*9604	67	3.132	+/- .043E 3	1.1	3.560	+/- 6.079E	-4 TI
V	FE PEAK IS AT CHANNEL 104.08 WITH HALFWIDTH OF				5.27.	TI PEAK IS SUMMED STARTING -39.60 CHANNELS HIGHER.							
ZN	FE PEAK IS AT CHANNEL 104.08 WITH HALFWIDTH OF				2445	2101*9434	50	1.131	+/- .016E 3	7.1	6.279	+/- 1.234E	-3 CA
CU	FE PEAK IS AT CHANNEL 104.08 WITH HALFWIDTH OF				5.27.	CA PEAK IS SUMMED STARTING -56.60 CHANNELS HIGHER.							
PB	PEAK IS AT CHANNEL 417.29 WITH HALFWIDTH OF				1456	1399*9704	76	7.656	+/- .105E 3	1.2	1.537	+/- 1.381E	-4 V
RB	PEAK IS AT CHANNEL 417.29 WITH HALFWIDTH OF				5.27.	V PEAK IS SUMMED STARTING -29.60 CHANNELS HIGHER.							
SR	PEAK IS AT CHANNEL 417.29 WITH HALFWIDTH OF				2423	2172*0394	148	1.392	+/- .019E 5	5.2	3.723	+/- 1.715E	-5 ZN
Y	PEAK IS AT CHANNEL 417.29 WITH HALFWIDTH OF 809 RB .16500	0	0.		5.27.	ZN PEAK IS SUMMED STARTING 39.40 CHANNELS HIGHER.							
ZR	PEAK IS AT CHANNEL 417.29 WITH HALFWIDTH OF 1028 SR .16500	0	PB	.05500	12809	3555*8660	290	2.259	+/- .034E 6	169.8	7.516	+/- .191E	-5 ZR
NB	PEAK IS AT CHANNEL 417.29 WITH HALFWIDTH OF 159 Y .15200	0	0.		9.33.	ZR PEAK IS SUMMED STARTING *34.00 CHANNELS HIGHER.							
MO	PEAK IS AT CHANNEL 417.29 WITH HALFWIDTH OF 1308 ZR .15900	0	0.		4259	3410*8844	307	3.162	+/- .047E 6	14.2	4.503	+/- .870E	-6 NB
NI	PEAK IS AT CHANNEL 417.29 WITH HALFWIDTH OF				9.33.	NB PEAK IS SUMMED STARTING *15.60 CHANNELS HIGHER.							
K	FE PEAK IS AT CHANNEL 104.08 WITH HALFWIDTH OF				7296	6255*9050	328	4.517	+/- .068E 6	-5.5	-1.219	+/- 1.001E	-6 MO
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				9.33.	MO PEAK IS SUMMED STARTING -95.00 CHANNELS HIGHER.							
					958	832*0200	126	4.694	+/- .064E 4	2.6	5.541	+/- 2.880E	-5 NI
					5.27.	NI PEAK IS SUMMED STARTING 20.00 CHANNELS HIGHER.							
					2535	2340*9365	43	3.480	+/- .048E 4	4.0	1.157	+/- .666E	-4 K
					5.27.	K PEAK IS SUMMED STARTING -63.50 CHANNELS HIGHER.							

8059 7 BUR-320 CC7 CHABSHI CAV
GAMMA SPECTRUM-B 606020

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.84CHANNELS
 STD NUMBER 1 -605424 A SAMPLE WEIGHT = -0. MG DEAD TIME = .88 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 171982.00 DAYS COUNT TIME = 79.993 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 171982.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

8059 8 BUR-321 CV45 CHAVIN D2-
GAMMA SPECTRUM-B 606021

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.84CHANNELS
STD NUMBER 1 -605424 A SAMPLE WEIGHT = -0. MG DEAD TIME = .65 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 129471.50 DAYS COUNT TIME = 79.991 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 129471.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

8059 + BUR-323 CV47 CHAVIN D2-T
GAMMA SPECTRUM-B 606023

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.92CHANNELS
STD NUMBER 1 -605424 A SAMPLE WEIGHT = -0. MG DEAD TIME = .41 0/0 EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 51170.00 DAYS COUNT TIME = 79.992 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 51170.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 12/22/1998 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								ABUNDANCE	
INCOH					377857	94125	385	388	3.880 +/- .016E 5	264366.0	.007 +/- 9.517E 2		
COH					90932	39034*0412	415		2.276 +/- .019E 3	1963.1	.863 +/- .013E -0		
FE					5678	1039*0105	104		3.480 +/- .048E 4	175.5	5.043 +/- .119E -3	FE	
CR					580	599*9784	84		1.705 +/- .023E 4		-.7 -4.215 +/- 7.403E -5	CR	
MN	FE PEAK IS AT CHANNEL 104.04 WITH HALFWIDTH OF 6 FE .00120	0 CR .11000			5.12.	CR PEAK IS SUMMED STARTING 5.12. CR PEAK IS SUMMED STARTING -21.60 CHANNELS HIGHER.							
TI	FE PEAK IS AT CHANNEL 104.04 WITH HALFWIDTH OF 6.00000	0 CR .00120			859	738*9874	94		2.255 +/- .031E 4	4.4	1.936 +/- .753E -4	MN	
CA	FE PEAK IS AT CHANNEL 104.04 WITH HALFWIDTH OF 6.00000	0 CR .00120			860	751*9604	67		3.132 +/- .043E 3	4.1	1.317 +/- .720E -3	TI	
V	FE PEAK IS AT CHANNEL 104.04 WITH HALFWIDTH OF 6.00000	0 CR .00120			1137	951*9434	50		1.131 +/- .016E 3	7.0	6.221 +/- 1.528E -3	CA	
ZN	FE PEAK IS AT CHANNEL 104.04 WITH HALFWIDTH OF 6.00000	0 CR .00120			661	634*9704	76		7.656 +/- .105E 3	1.0	1.334 +/- 1.704E -4	V	
CU	FE PEAK IS AT CHANNEL 104.04 WITH HALFWIDTH OF 6.00000	0 CR .00120			1151	1002*0394	148		1.392 +/- .019E 5	5.6	4.049 +/- 2.140E -5	ZN	
PB	PEAK IS AT CHANNEL 417.33 WITH HALFWIDTH OF 761 RB .16500	0 0.			5.12.	ZN PEAK IS SUMMED STARTING 5.12. ZN PEAK IS SUMMED STARTING 39.40 CHANNELS HIGHER.							
RB	PEAK IS AT CHANNEL 417.33 WITH HALFWIDTH OF 797 SR .16500	0 0.			1001	882*0284	136		1.009 +/- .014E 5	4.5	4.461 +/- 2.663E -5	CU	
SR	PEAK IS AT CHANNEL 417.33 WITH HALFWIDTH OF 174 Y .15200	0 0.			6683	2069*8210	242		1.001 +/- .022E 6	136.4	1.363 +/- .049E -4	RB	
Y	PEAK IS AT CHANNEL 417.33 WITH HALFWIDTH OF 1079 ZR .15900	0 0.			9.36.	RB PEAK IS SUMMED STARTING 9.36. RB PEAK IS SUMMED STARTING *79.00 CHANNELS HIGHER.							
ZR	PEAK IS AT CHANNEL 417.33 WITH HALFWIDTH OF 174 Y .15200	0 0.			6012	1182*8340	256		1.314 +/- .020E 6	147.2	1.120 +/- .028E -4	SR	
NB	PEAK IS AT CHANNEL 417.33 WITH HALFWIDTH OF 1079 ZR .15900	0 0.			9.36.	SR PEAK IS SUMMED STARTING 9.36. SR PEAK IS SUMMED STARTING *66.00 CHANNELS HIGHER.							
MO	PEAK IS AT CHANNEL 417.33 WITH HALFWIDTH OF 3091 1182*8520 274	0 0.			3091	1182*8520	274		1.840 +/- .027E 6	36.1	1.963 +/- .144E -5	Y	
NI	PEAK IS AT CHANNEL 417.33 WITH HALFWIDTH OF 9305 1725*8660 290	0 0.			9.36.	Y PEAK IS SUMMED STARTING 9.36. Y PEAK IS SUMMED STARTING *48.00 CHANNELS HIGHER.							
K	PEAK IS AT CHANNEL 417.33 WITH HALFWIDTH OF 2668 1655*8844 307	0 0.			9305	1725*8660	290		2.259 +/- .034E 6	221.7	9.816 +/- .242E -5	ZR	
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				9.36.	ZR PEAK IS SUMMED STARTING 9.36. ZR PEAK IS SUMMED STARTING *34.00 CHANNELS HIGHER.							
					2668	1655*8844	307		3.162 +/- .047E 6	28.6	9.058 +/- 1.046E -6	NB	
					4652	3813*9050	328		4.517 +/- .068E 6	-8.6	-1.904 +/- 1.367E -6	MO	
					9.36.	MO PEAK IS SUMMED STARTING 9.36. MO PEAK IS SUMMED STARTING *95.00 CHANNELS HIGHER.							
					399	340*0200	126		4.694 +/- .064E 4	2.2	4.754 +/- 3.380E -5	NI	
					5.12.	NI PEAK IS SUMMED STARTING 5.12. NI PEAK IS SUMMED STARTING 20.00 CHANNELS HIGHER.							
					1200	1029*9365	43		3.480 +/- .048E 4	6.5	1.859 +/- .818E -4	K	
					5.12.	K PEAK IS SUMMED STARTING 5.12. K PEAK IS SUMMED STARTING -63.50 CHANNELS HIGHER.							

8059 - BUR-324 CV48 CHAVIN D2-T
GAMMA SPECTRUM-B 606024

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 8.08CHANNELS
STD NUMBER 1 -605424 A SAMPLE WEIGHT = -.0. MG DEAD TIME = .57 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 102673.00 DAYS COUNT TIME = 79.992 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 102673.00 MJD PILL THICKNESS = -.0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS	BKGD	APPR	REAL	I	FLUX(N/MIN-CM ²)	CPM	ELEMENT	ELEMENT
	COUNTS	EL	MULT	COUNTS	EL	MULT	COUNTS	COUNTS	PEAK	PEAK	X	EOB	ABUNDANCE
INCOH				527934	133214	385	388	3.880	+/- .016E 5	375354.0	.001	+/- 1.608E 3	
COH				128666	55666*0412	415	2.276	+/- .019E 3	1944.8	.855	+/- .011E -0		
FE				8964	1504*0105	104	3.480	+/- .048E 4	198.7	5.711	+/- .116E -3 FE		
CR				858	885*9784	85	1.705	+/- .023E 4	-7	-4.219	+/- 6.343E -5 CR		
	FE PEAK IS AT CHANNEL 104.13 WITH HALFWIDTH OF 9 FE	.00120	0 CR	.11000	5.18.	CR PEAK IS SUMMED STARTING -21.60 CHANNELS HIGHER.							
MN	FE PEAK IS AT CHANNEL 104.13 WITH HALFWIDTH OF			1179	1071*9874	94	2.255	+/- .031E 4	2.6	1.170	+/- .633E -4 MN		
TI	FE PEAK IS AT CHANNEL 104.13 WITH HALFWIDTH OF			1204	1131*9604	67	3.132	+/- .043E 3	1.9	6.210	+/- 6.144E -4 TI		
CA	FE PEAK IS AT CHANNEL 104.13 WITH HALFWIDTH OF			1632	1321*9434	50	1.131	+/- .016E 3	8.3	7.326	+/- 1.283E -3 CA		
V	FE PEAK IS AT CHANNEL 104.13 WITH HALFWIDTH OF			864	906*9704	77	7.656	+/- .105E 3	-1.1	-1.462	+/- 1.400E -4 V		
ZN	FE PEAK IS AT CHANNEL 104.13 WITH HALFWIDTH OF			1559	1344*0394	148	1.392	+/- .019E 5	5.7	4.115	+/- 1.749E -5 ZN		
CU	FE PEAK IS AT CHANNEL 104.13 WITH HALFWIDTH OF			1289	1167*0284	137	1.009	+/- .014E 5	3.3	3.221	+/- 2.143E -5 CU		
PB	PEAK IS AT CHANNEL 417.32 WITH HALFWIDTH OF			2484	4928*8090	231	6.960	+/- .096E 4	-65.1	-9.356	+/- .672E -4 PB		
RB	PEAK IS AT CHANNEL 417.32 WITH HALFWIDTH OF			9244	3174*8210	242	1.001	+/- .022E 6	152.9	1.528	+/- .052E -4 RB		
SR	PEAK IS AT CHANNEL 417.32 WITH HALFWIDTH OF			9.35.	RB PEAK IS SUMMED STARTING *79.00 CHANNELS HIGHER.								
Y	PEAK IS AT CHANNEL 417.32 WITH HALFWIDTH OF 1002 RB .16500	0	0.	4246	1578*8520	274	1.840	+/- .027E 6	42.3	2.299	+/- .137E -5 Y		
ZR	PEAK IS AT CHANNEL 417.32 WITH HALFWIDTH OF 1120 SR .16500	0	PB	.05500	9.35.	Y PEAK IS SUMMED STARTING *48.00 CHANNELS HIGHER.							
NB	PEAK IS AT CHANNEL 417.32 WITH HALFWIDTH OF 253 Y .15200	0	0.	12867	2167*8660	290	2.259	+/- .034E 6	244.8	1.084	+/- .024E -4 ZR		
MO	PEAK IS AT CHANNEL 417.32 WITH HALFWIDTH OF 1523 ZR .15900	0	0.	3674	2079*8844	307	3.162	+/- .047E 6	34.6	1.095	+/- .091E -5 NB		
NI	PEAK IS AT CHANNEL 417.32 WITH HALFWIDTH OF			6324	5057*9050	328	4.517	+/- .068E 6	-6.7	-1.485	+/- 1.148E -6 MO		
K	FE PEAK IS AT CHANNEL 104.13 WITH HALFWIDTH OF			581	512*0200	126	4.694	+/- .064E 4	1.8	3.916	+/- 2.911E -5 NI		
	FE PEAK IS AT CHANNEL 104.13 WITH HALFWIDTH OF			5.18.	NI PEAK IS SUMMED STARTING 20.00 CHANNELS HIGHER.								
	COUNT RATE CORRECTION FOR LAST ELEMENT = I			1939	1485*9365	43	3.480	+/- .048E 4	12.1	3.476	+/- .700E -4 K		
	FE PEAK IS AT CHANNEL 104.13 WITH HALFWIDTH OF			5.18.	K PEAK IS SUMMED STARTING -63.50 CHANNELS HIGHER.								

8059 * BUR-325 CV49 CHAVIN D2-1
GAMMA SPECTRUM-B 606025

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 8.06CHANNELS
 STD NUMBER 1 -605424 A SAMPLE WEIGHT = -.0. MG DEAD TIME = .62 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 145383.50 DAYS COUNT TIME = 79.992 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 145383.50 MJD PILL THICKNESS = -.0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

8059 / BUR-326 CV50 CHAVIN D2-S
GAMMA SPECTRUM-B 606026

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.74 CHANNELS
STD NUMBER 1 -605424 A SAMPLE WEIGHT = -0. MG DEAD TIME = .78 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 94416.50 DAYS COUNT TIME = 79.991 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 94416.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS	BKGD	APPR	REAL	I	FLUX(N/MIN-CM ²)	CPM	ELEMENT	ELEMENT
	COUNTS	EL	MULT	COUNTS	COUNTS	COUNTS	PEAK	PEAK	X		EOB	ABUNDANCE	
INCOH					729730	168590	385	388	3.880 +/- .016E	5	541774.0	.001 +/- 2.620E	3
COH					169289	72666*0412	415	2.276 +/- .019E	3	1783.5	.784 +/- .010E	-0	
FE					16041	2036*0105	104	3.480 +/- .048E	4	258.5	7.429 +/- .129E	-3 FE	
CR					1211	1196*9784	85	1.705 +/- .023E	4	.3	1.624 +/- 5.167E	-5 CR	
MN	FE PEAK IS AT CHANNEL 104.13 WITH HALFWIDTH OF 17 FE	.00120	2 CR	.11000	1855	1472*9874	94	2.255 +/- .031E	4	6.7	2.984 +/- .533E	-4 MN	
TI	FE PEAK IS AT CHANNEL 104.13 WITH HALFWIDTH OF				5.30.	MN PEAK IS SUMMED STARTING -12.60 CHANNELS HIGHER.							
CA	FE PEAK IS AT CHANNEL 104.13 WITH HALFWIDTH OF				1722	1441*9604	67	3.132 +/- .043E	3	5.2	1.656 +/- .486E	-3 TI	
V	FE PEAK IS AT CHANNEL 104.13 WITH HALFWIDTH OF				2195	1695*9434	50	1.131 +/- .016E	3	9.2	8.160 +/- 1.024E	-3 CA	
ZN	FE PEAK IS AT CHANNEL 104.13 WITH HALFWIDTH OF				5.30.	CA PEAK IS SUMMED STARTING -56.60 CHANNELS HIGHER.							
CU	FE PEAK IS AT CHANNEL 104.13 WITH HALFWIDTH OF				1237	1243*9704	77	7.656 +/- .105E	3	-.1	-.145 +/- 1.150E	-4 V	
PB	PEAK IS AT CHANNEL 417.39 WITH HALFWIDTH OF				5.30.	V PEAK IS SUMMED STARTING -29.60 CHANNELS HIGHER.							
RB	PEAK IS AT CHANNEL 417.39 WITH HALFWIDTH OF				2100	1823*0394	148	1.392 +/- .019E	5	5.1	3.673 +/- 1.410E	-5 ZN	
SR	PEAK IS AT CHANNEL 417.39 WITH HALFWIDTH OF				5.30.	ZN PEAK IS SUMMED STARTING 39.40 CHANNELS HIGHER.							
Y	PEAK IS AT CHANNEL 417.39 WITH HALFWIDTH OF 1407 RB .16500	0 0.			1730	1662*0284	137	1.009 +/- .014E	5	1.3	1.244 +/- 1.762E	-5 CU	
ZR	PEAK IS AT CHANNEL 417.39 WITH HALFWIDTH OF 1556 SR .16500	0 PB .05500			5.30.	CU PEAK IS SUMMED STARTING 28.40 CHANNELS HIGHER.							
NB	PEAK IS AT CHANNEL 417.39 WITH HALFWIDTH OF 329 Y .15200	0 0.			3339	7167*8090	231	6.960 +/- .096E	4	-70.7	-1.015 +/- .057E	-3 PB	
MO	PEAK IS AT CHANNEL 417.39 WITH HALFWIDTH OF 2020 ZR .15900	0 0.			8.95.	PB PEAK IS SUMMED STARTING *91.00 CHANNELS HIGHER.							
NI	PEAK IS AT CHANNEL 417.39 WITH HALFWIDTH OF				12475	3950*8210	242	1.001 +/- .022E	6	146.4	1.462 +/- .044E	-4 RB	
K	FE PEAK IS AT CHANNEL 104.13 WITH HALFWIDTH OF				8.95.	RB PEAK IS SUMMED STARTING *79.00 CHANNELS HIGHER.							
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				11582	2153*8340	256	1.314 +/- .020E	6	162.6	1.237 +/- .026E	-4 SR	
					8.95.	SR PEAK IS SUMMED STARTING *66.00 CHANNELS HIGHER.							
					5724	2153*8520	274	1.840 +/- .027E	6	37.6	2.041 +/- .110E	-5 Y	
					8.95.	Y PEAK IS SUMMED STARTING *48.00 CHANNELS HIGHER.							
					17401	3142*8660	290	2.259 +/- .034E	6	222.5	9.853 +/- .203E	-5 ZR	
					8.95.	ZR PEAK IS SUMMED STARTING *34.00 CHANNELS HIGHER.							
					5005	3014*8844	307	3.162 +/- .047E	6	29.5	9.330 +/- .744E	-6 NB	
					8.95.	NB PEAK IS SUMMED STARTING *15.60 CHANNELS HIGHER.							
					8706	7605*9050	328	4.517 +/- .068E	6	-16.6	-3.675 +/- .964E	-6 MO	
					786	732*0200	126	4.694 +/- .064E	4	1.0	2.123 +/- 2.396E	-5 NI	
					5.30.	NI PEAK IS SUMMED STARTING 20.00 CHANNELS HIGHER.							
					2539	2199*9365	43	3.480 +/- .048E	4	6.3	1.803 +/- .586E	-4 K	
					5.30.	K PEAK IS SUMMED STARTING -63.50 CHANNELS HIGHER.							

8059 (BUR-327 CV51 CHAVIN D2-S
GAMMA SPECTRUM-B 606027

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.84CHANNELS
STD NUMBER 1 -605424 A SAMPLE WEIGHT = -0. MG DEAD TIME = .73 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 153874.50 DAYS COUNT TIME = 79.992 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 153874.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS	BKGD	APPR	REAL	I	FLUX(N/MIN-CM2)	CPM	ELEMENT	ELEMENT
	COUNTS	EL	MULT	COUNTS	EL	MULT	COUNTS	COUNTS	PEAK	PEAK	X	EOB	ABUNDANCE
INCOH				683170	164229	385	388	3.880	+/- .016E 5	499575.0	.001	+/- 2.383E	3
COH				168615	71365*0412	415	2.276	+/- .019E 3	1946.7	.855	+/- .010E	-0	
FE				9987	1857*0105	104	3.480	+/- .048E 4	162.7	4.677	+/- .093E	-3 FE	
CR				1162	1110*9784	84	1.705	+/- .023E 4	1.0	6.105	+/- 5.417E	-5 CR	
MN	FE PEAK IS AT CHANNEL 104.01 WITH HALFWIDTH OF 10 FE	.00120	6 CR	.11000	1669	1261*9874	94	2.255	+/- .031E 4	7.9	3.484	+/- .538E	-4 MN
TI	FE PEAK IS AT CHANNEL 104.01 WITH HALFWIDTH OF 10	.00120	6 CR	.11000	1619	1556*9604	67	3.132	+/- .043E 3	1.3	4.027	+/- 5.387E	-4 TI
CA	FE PEAK IS AT CHANNEL 104.01 WITH HALFWIDTH OF 10	.00120	6 CR	.11000	2105	1837*9434	50	1.131	+/- .016E 3	5.4	4.743	+/- 1.112E	-3 CA
V	FE PEAK IS AT CHANNEL 104.01 WITH HALFWIDTH OF 10	.00120	6 CR	.11000	1280	1269*9704	76	7.656	+/- .105E 3	.2	.288	+/- 1.264E	-4 V
ZN	FE PEAK IS AT CHANNEL 104.01 WITH HALFWIDTH OF 10	.00120	6 CR	.11000	2201	1858*0394	148	1.392	+/- .019E 5	6.9	4.933	+/- 1.548E	-5 ZN
CU	FE PEAK IS AT CHANNEL 104.01 WITH HALFWIDTH OF 10	.00120	6 CR	.11000	1843	1685*0284	136	1.009	+/- .014E 5	3.2	3.134	+/- 1.929E	-5 CU
PB	FE PEAK IS AT CHANNEL 104.01 WITH HALFWIDTH OF 10	.00120	6 CR	.11000	3248	6369*8090	231	6.960	+/- .096E 4	-62.5	-8.977	+/- .577E	-4 PB
RB	PEAK IS AT CHANNEL 417.32 WITH HALFWIDTH OF 1195 RB	.16500	0	0.	9.06.	PB PEAK IS SUMMED	STARTING *91.00	CHANNELS HIGHER.					
SR	PEAK IS AT CHANNEL 417.32 WITH HALFWIDTH OF 1303 SR	.16500	0	0.	10966	3722*8210	242	1.001	+/- .022E 6	143.7	1.436	+/- .046E	-4 RB
Y	PEAK IS AT CHANNEL 417.32 WITH HALFWIDTH OF 255 Y	.15200	0	0.	9.06.	RB PEAK IS SUMMED	STARTING *79.00	CHANNELS HIGHER.					
ZR	PEAK IS AT CHANNEL 417.32 WITH HALFWIDTH OF 1739 ZR	.15900	0	0.	10218	2318*8340	256	1.314	+/- .020E 6	156.7	1.192	+/- .027E	-4 SR
NB	PEAK IS AT CHANNEL 417.32 WITH HALFWIDTH OF 1739 ZR	.15900	0	0.	9.06.	SR PEAK IS SUMMED	STARTING *66.00	CHANNELS HIGHER.					
MO	PEAK IS AT CHANNEL 417.32 WITH HALFWIDTH OF 1739 ZR	.15900	0	0.	5193	2318*8520	274	1.840	+/- .027E 6	33.3	1.812	+/- .123E	-5 Y
NI	PEAK IS AT CHANNEL 417.32 WITH HALFWIDTH OF 1739 ZR	.15900	0	0.	9.06.	Y PEAK IS SUMMED	STARTING *48.00	CHANNELS HIGHER.					
K	PEAK IS AT CHANNEL 417.32 WITH HALFWIDTH OF 1739 ZR	.15900	0	0.	15467	3229*8660	290	2.259	+/- .034E 6	217.2	9.614	+/- .211E	-5 ZR
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				9.06.	ZR PEAK IS SUMMED	STARTING *34.00	CHANNELS HIGHER.					
					4635	3098*8844	307	3.162	+/- .047E 6	25.5	8.061	+/- .826E	-6 NB
					9.06.	NB PEAK IS SUMMED	STARTING *15.60	CHANNELS HIGHER.					
					8064	6810*9050	328	4.517	+/- .068E 6	-9.7	-2.139	+/- 1.009E	-6 MO
					9.06.	MO PEAK IS SUMMED	STARTING *95.00	CHANNELS HIGHER.					
					767	780*0200	126	4.694	+/- .064E 4	-.3	-.554	+/- 2.659E	-5 NI
					5.07.	NI PEAK IS SUMMED	STARTING 20.00	CHANNELS HIGHER.					
					2370	1985*9365	43	3.480	+/- .048E 4	7.7	2.215	+/- .601E	-4 K
					5.07.	K PEAK IS SUMMED	STARTING -63.50	CHANNELS HIGHER.					

8059 \$ BUR-328 CV52 CHAVIN D2-S
GAMMA SPECTRUM-B 606028

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.87CHANNELS
 STD NUMBER 1 -605424 A SAMPLE WEIGHT = -0. MG DEAD TIME = .38 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 173659.00 DAYS COUNT TIME = 79.994 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 173659.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS COUNTS	BKGD COUNTS	APPR PEAK	REAL PEAK	I X	FLUX(N/MIN-CM2)		CPM EOB	ELEMENT	ELEMENT ABUNDANCE
	COUNTS	EL	MULT	COUNTS	EL	MULT								
INCOH				333081	93285	385	388		3.880 +/- .016E	5	220430.0	.006 +/- 7.860E	2	
COH				88911	39788*0412	415			2.276 +/- .019E	3	2228.5	.979 +/- .015E	-0	
FE				4190	1532*0105	104			3.480 +/- .048E	4	120.6	3.465 +/- .119E	-3 FE	
CR				879	907*9784	85			1.705 +/- .023E	4	-1.3	-.745 +/- 1.094E	-4 CR	
MN	FE PEAK IS AT CHANNEL 3 FE	104.12 WITH HALFWIDTH OF .00120	0 CR	.11000	1076	1066*9874	94		2.255 +/- .031E	4	.3	.137 +/- 1.057E	-4 MN	
TI	FE PEAK IS AT CHANNEL 104.12 WITH HALFWIDTH OF				4.25.	CR PEAK IS SUMMED			STARTING -21.60 CHANNELS HIGHER.					
CA	FE PEAK IS AT CHANNEL 104.12 WITH HALFWIDTH OF				4.25.	MN PEAK IS SUMMED			STARTING -12.60 CHANNELS HIGHER.					
V	FE PEAK IS AT CHANNEL 104.12 WITH HALFWIDTH OF				1143	1127*9604	67		3.132 +/- .043E	3	.7	.232 +/- 1.033E	-3 TI	
ZN	FE PEAK IS AT CHANNEL 104.12 WITH HALFWIDTH OF				4.25.	TI PEAK IS SUMMED			STARTING -39.60 CHANNELS HIGHER.					
CU	FE PEAK IS AT CHANNEL 104.12 WITH HALFWIDTH OF				1443	1260*9434	50		1.131 +/- .016E	3	8.3	7.341 +/- 2.088E	-3 CA	
PB	PEAK IS AT CHANNEL 417.28 WITH HALFWIDTH OF				4.25.	CA PEAK IS SUMMED			STARTING -56.60 CHANNELS HIGHER.					
RB	PEAK IS AT CHANNEL 417.28 WITH HALFWIDTH OF				928	882*9704	77		7.656 +/- .105E	3	2.1	2.726 +/- 2.417E	-4 V	
SR	PEAK IS AT CHANNEL 417.28 WITH HALFWIDTH OF				4.25.	V PEAK IS SUMMED			STARTING -29.60 CHANNELS HIGHER.					
Y	PEAK IS AT CHANNEL 417.28 WITH HALFWIDTH OF 402 RB	.16500	0	0.	1471	1318*0394	148		1.392 +/- .019E	5	6.9	4.987 +/- 2.933E	-5 ZN	
ZR	PEAK IS AT CHANNEL 417.28 WITH HALFWIDTH OF 504 SR	.16500	0 PB	.05500	4.25.	ZN PEAK IS SUMMED			STARTING 39.40 CHANNELS HIGHER.					
NB	PEAK IS AT CHANNEL 417.28 WITH HALFWIDTH OF 77 Y	.15200	0	0.	1335	1223*0284	137		1.009 +/- .014E	5	5.1	5.035 +/- 3.730E	-5 CU	
MO	PEAK IS AT CHANNEL 417.28 WITH HALFWIDTH OF 630 ZR	.15900	0	0.	4.25.	CU PEAK IS SUMMED			STARTING 28.40 CHANNELS HIGHER.					
NI	PEAK IS AT CHANNEL 417.28 WITH HALFWIDTH OF				1938	2926*8090	231		6.960 +/- .096E	4	-44.8	-6.440 +/- .881E	-4 PB	
K	FE PEAK IS AT CHANNEL 104.12 WITH HALFWIDTH OF				9.30.	PB PEAK IS SUMMED			STARTING *91.00 CHANNELS HIGHER.					
	FE PEAK IS AT CHANNEL 104.12 WITH HALFWIDTH OF				4472	2034*8210	242		1.001 +/- .022E	6	110.2	1.101 +/- .059E	-4 RB	
	COUNT RATE CORRECTION FOR LAST ELEMENT =	I			9.30.	RB PEAK IS SUMMED			STARTING *79.00 CHANNELS HIGHER.					
					4665	1608*8340	256		1.314 +/- .020E	6	138.1	1.051 +/- .037E	-4 SR	
					9.30.	SR PEAK IS SUMMED			STARTING *66.00 CHANNELS HIGHER.					
					2514	1608*8520	274		1.840 +/- .027E	6	22.8	1.237 +/- .211E	-5 Y	
					9.30.	Y PEAK IS SUMMED			STARTING *48.00 CHANNELS HIGHER.					
					6847	2383*8660	290		2.259 +/- .034E	6	179.0	7.924 +/- .289E	-5 ZR	
					9.30.	ZR PEAK IS SUMMED			STARTING *34.00 CHANNELS HIGHER.					
					2150	2344*8844	307		3.162 +/- .047E	6	-12.2	-3.870 +/- 1.524E	-6 NB	
					9.30.	NB PEAK IS SUMMED			STARTING *15.60 CHANNELS HIGHER.					
					3660	3107*9050	328		4.517 +/- .068E	6	-3.5	-.768 +/- 1.554E	-6 MO	
					625	552*0200	126		4.694 +/- .064E	4	3.3	7.055 +/- 5.145E	-5 NI	
					4.25.	NI PEAK IS SUMMED			STARTING 20.00 CHANNELS HIGHER.					
					1572	1381*9365	43		3.480 +/- .048E	4	8.7	2.490 +/- 1.127E	-4 K	
					4.25.	K PEAK IS SUMMED			STARTING -63.50 CHANNELS HIGHER.					

8059 . BUR-329 CV53 CHAVIN D2-S
GAMMA SPECTRUM-B 606029

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.94CHANNELS
STD NUMBER 1 -605424 A SAMPLE WEIGHT = -0. MG DEAD TIME = .55 0/0 EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 102064.00 DAYS COUNT TIME = 79.995 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 102064.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS	BKGD	APPR	REAL	I	FLUX(N/MIN-CM2)	CPM	ELEMENT	ELEMENT
	COUNTS	EL	MULT	COUNTS	EL	MULT	COUNTS	COUNTS	PEAK	PEAK	X	EOB	ABUNDANCE
INCOH				506644	131359	385	388	3.880	+/- .016E	5	355919.0	.001	+/- 1.511E 3
COH				129055	51861*0412	415	2.276	+/- .019E	3	2168.9	.953	+/- .012E -0	
FE				5701	1502*0105	104	3.480	+/- .048E	4	118.0	3.390	+/- .088E -3 FE	
CR				874	913*9784	84	1.705	+/- .023E	4	-1.1	-6.426	+/- 6.768E -5 CR	
MN	FE PEAK IS AT CHANNEL 104.01 WITH HALFWIDTH OF 5 FE	.00120	0 CR .11000	1121	1064*9874	94	2.255	+/- .031E	4	1.5	6.474	+/- 6.600E -5 MN	
TI	FE PEAK IS AT CHANNEL 104.01 WITH HALFWIDTH OF			4.52.	MN PEAK IS SUMMED STARTING -12.60 CHANNELS HIGHER.								
CA	FE PEAK IS AT CHANNEL 104.01 WITH HALFWIDTH OF			1225	1144*9604	67	3.132	+/- .043E	3	2.3	7.267	+/- 6.525E -4 TI	
V	FE PEAK IS AT CHANNEL 104.01 WITH HALFWIDTH OF			4.52.	TI PEAK IS SUMMED STARTING -39.60 CHANNELS HIGHER.								
ZN	FE PEAK IS AT CHANNEL 104.01 WITH HALFWIDTH OF			1539	1370*9434	50	1.131	+/- .016E	3	4.7	4.199	+/- 1.340E -3 CA	
CU	FE PEAK IS AT CHANNEL 104.01 WITH HALFWIDTH OF			4.52.	CA PEAK IS SUMMED STARTING -56.60 CHANNELS HIGHER.								
PB	FE PEAK IS AT CHANNEL 104.01 WITH HALFWIDTH OF			929	885*9704	76	7.656	+/- .105E	3	1.2	1.615	+/- 1.498E -4 V	
RB	PEAK IS AT CHANNEL 417.15 WITH HALFWIDTH OF			4.52.	V PEAK IS SUMMED STARTING -29.60 CHANNELS HIGHER.								
SR	PEAK IS AT CHANNEL 417.15 WITH HALFWIDTH OF			1558	1409*0394	148	1.392	+/- .019E	5	4.2	3.008	+/- 1.877E -5 ZN	
Y	PEAK IS AT CHANNEL 417.15 WITH HALFWIDTH OF 817 RB .16500	0	0.	4.52.	ZN PEAK IS SUMMED STARTING 39.40 CHANNELS HIGHER.								
ZR	PEAK IS AT CHANNEL 417.15 WITH HALFWIDTH OF 917 SR .16500	0 PB .05500		7571	2619*8210	242	1.001	+/- .022E	6	131.4	1.313	+/- .047E -4 RB	
NB	PEAK IS AT CHANNEL 417.15 WITH HALFWIDTH OF 226 Y .15200	0	0.	9.22.	RB PEAK IS SUMMED STARTING *79.00 CHANNELS HIGHER.								
MO	PEAK IS AT CHANNEL 417.15 WITH HALFWIDTH OF 1289 ZR .15900	0	0.	7149	1592*8340	256	1.314	+/- .020E	6	147.9	1.126	+/- .028E -4 SR	
NI	PEAK IS AT CHANNEL 417.15 WITH HALFWIDTH OF			9.22.	SR PEAK IS SUMMED STARTING *66.00 CHANNELS HIGHER.								
K	FE PEAK IS AT CHANNEL 104.01 WITH HALFWIDTH OF			3898	1592*8520	274	1.840	+/- .027E	6	39.8	2.164	+/- .141E -5 Y	
COUNT RATE CORRECTION FOR LAST ELEMENT = I				9.22.	Y PEAK IS SUMMED STARTING *48.00 CHANNELS HIGHER.								
				11345	2323*8660	290	2.259	+/- .034E	6	218.3	9.664	+/- .230E -5 ZR	
				9.22.	ZR PEAK IS SUMMED STARTING *34.00 CHANNELS HIGHER.								
				3397	2171*8844	307	3.162	+/- .047E	6	27.2	8.603	+/- .951E -6 NB	
				9.22.	NB PEAK IS SUMMED STARTING *15.60 CHANNELS HIGHER.								
				5827	4726*9050	328	4.517	+/- .068E	6	-5.2	-1.147	+/- 1.170E -6 MO	
				9.22.	MO PEAK IS SUMMED STARTING -95.00 CHANNELS HIGHER.								
				566	660*0200	126	4.694	+/- .064E	4	-2.6	-5.626	+/- 3.390E -5 NI	
				4.52.	NI PEAK IS SUMMED STARTING 20.00 CHANNELS HIGHER.								
				1579	1459*9365	43	3.480	+/- .048E	4	3.4	9.689	+/- 7.145E -5 K	
				4.52.	K PEAK IS SUMMED STARTING -63.50 CHANNELS HIGHER.								

8059 1 BUR-330 CV54 CHAVIN A2-D
GAMMA SPECTRUM-B 606030

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.85CHANNELS
 STD NUMBER 1 -605424 A SAMPLE WEIGHT = -0. MG DEAD TIME = .90 0/0 EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 163681.50 DAYS COUNT TIME = 79.992 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 163681.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS	BKGD	APPR	REAL	I	FLUX(N/MIN-CM2)	CPM	ELEMENT	ELEMENT
	COUNTS	EL	MULT	COUNTS	COUNTS	COUNTS	PEAK	PEAK	X		EOB	ABUNDANCE	
INCOH					814724	192569	385	388	3.880 +/- .016E 5	602789.0	.002 +/- 3.115E 3		
COH					201510	79806*0412	415	2.276 +/- .019E 3	2019.0	.887 +/- .010E -0			
FE					12682	2277*0105	104	3.480 +/- .048E 4	172.6	4.960 +/- .093E -3 FE			
CR					1411	1386*9784	84	1.705 +/- .023E 4	.4	2.432 +/- 4.997E -5 CR			
MN	FE PEAK IS AT CHANNEL 104.05 WITH HALFWIDTH OF 12 FE .00120	3 CR .11000			4.80.	CR PEAK IS SUMMED STARTING -21.60 CHANNELS HIGHER.							
TI	FE PEAK IS AT CHANNEL 104.05 WITH HALFWIDTH OF 12 FE .00120	3 CR .11000			1951	1594*9874	94	2.255 +/- .031E 4	5.7	2.514 +/- .494E -4 MN			
CA	FE PEAK IS AT CHANNEL 104.05 WITH HALFWIDTH OF 12 FE .00120	3 CR .11000			4.80.	MN PEAK IS SUMMED STARTING -12.60 CHANNELS HIGHER.							
V	FE PEAK IS AT CHANNEL 104.05 WITH HALFWIDTH OF 12 FE .00120	3 CR .11000			1890	1816*9604	67	3.132 +/- .043E 3	1.2	3.920 +/- 4.810E -4 TI			
ZN	FE PEAK IS AT CHANNEL 104.05 WITH HALFWIDTH OF 12 FE .00120	3 CR .11000			4.80.	TI PEAK IS SUMMED STARTING -39.60 CHANNELS HIGHER.							
CU	FE PEAK IS AT CHANNEL 104.05 WITH HALFWIDTH OF 12 FE .00120	3 CR .11000			2355	2027*9434	50	1.131 +/- .016E 3	5.4	4.811 +/- .972E -3 CA			
PB	FE PEAK IS AT CHANNEL 104.05 WITH HALFWIDTH OF 12 FE .00120	3 CR .11000			4.80.	CA PEAK IS SUMMED STARTING -56.60 CHANNELS HIGHER.							
RB	PEAK IS AT CHANNEL 417.22 WITH HALFWIDTH OF 1448 RB .16500	0 0.			1468	1507*9704	76	7.656 +/- .105E 3	-.6	-.845 +/- 1.131E -4 V			
SR	PEAK IS AT CHANNEL 417.22 WITH HALFWIDTH OF 1448 RB .16500	0 0.			4.80.	V PEAK IS SUMMED STARTING -29.60 CHANNELS HIGHER.							
Y	PEAK IS AT CHANNEL 417.22 WITH HALFWIDTH OF 1448 RB .16500	0 0.			2404	2364*0394	148	1.392 +/- .019E 5	.7	.477 +/- 1.425E -5 ZN			
ZR	PEAK IS AT CHANNEL 417.22 WITH HALFWIDTH OF 1510 SR .16500	0 PB .05500			4.80.	ZN PEAK IS SUMMED STARTING 39.40 CHANNELS HIGHER.							
NB	PEAK IS AT CHANNEL 417.22 WITH HALFWIDTH OF 310 Y .15200	0 0.			2048	1904*0284	136	1.009 +/- .014E 5	2.4	2.367 +/- 1.706E -5 CU			
MO	PEAK IS AT CHANNEL 417.22 WITH HALFWIDTH OF 2025 ZR .15900	0 0.			4.80.	CU PEAK IS SUMMED STARTING 28.40 CHANNELS HIGHER.							
NI	PEAK IS AT CHANNEL 417.22 WITH HALFWIDTH OF 2025 ZR .15900	0 0.			3716	7354*8090	231	6.960 +/- .096E 4	-60.4	-8.672 +/- .516E -4 PB			
K	PEAK IS AT CHANNEL 417.22 WITH HALFWIDTH OF 2025 ZR .15900	0 0.			8.91.	PB PEAK IS SUMMED STARTING *91.00 CHANNELS HIGHER.							
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				12888	4114*8210	242	1.001 +/- .022E 6	144.7	1.446 +/- .043E -4 RB			
					8.91.	RB PEAK IS SUMMED STARTING *79.00 CHANNELS HIGHER.							
					11811	2662*8340	256	1.314 +/- .020E 6	150.9	1.148 +/- .025E -4 SR			
					8.91.	SR PEAK IS SUMMED STARTING *66.00 CHANNELS HIGHER.							
					6147	2662*8520	274	1.840 +/- .027E 6	33.6	1.826 +/- .111E -5 Y			
					8.91.	Y PEAK IS SUMMED STARTING *48.00 CHANNELS HIGHER.							
					18132	3884*8660	290	2.259 +/- .034E 6	210.2	9.305 +/- .197E -5 ZR			
					8.91.	ZR PEAK IS SUMMED STARTING *34.00 CHANNELS HIGHER.							
					5343	3727*8844	307	3.162 +/- .047E 6	21.6	6.822 +/- .746E -6 NB			
					8.91.	NB PEAK IS SUMMED STARTING *15.60 CHANNELS HIGHER.							
					9212	8582*9050	328	4.517 +/- .068E 6	-23.1	-5.110 +/- .936E -6 MO			
					8.91.	MO PEAK IS SUMMED STARTING *95.00 CHANNELS HIGHER.							
					929	740*0200	126	4.694 +/- .064E 4	3.1	6.679 +/- 2.206E -5 NI			
					4.80.	NI PEAK IS SUMMED STARTING 20.00 CHANNELS HIGHER.							
					2847	2431*9365	43	3.480 +/- .048E 4	6.9	1.983 +/- .553E -4 K			
					4.80.	K PEAK IS SUMMED STARTING -63.50 CHANNELS HIGHER.							

8059 # BUR-331 CV55 CHAVIN A2-L
GAMMA SPECTRUM-B 606031

THE IN [23.11KEV] PEAK HAS A HALFWIDTH OF 8.13CHANNELS
 STD NUMBER 1 -605424 A SAMPLE WEIGHT = -.0. MG DEAD TIME = .76 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 102801.00 DAYS COUNT TIME = 79.993 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 102801.00 MJD PILL THICKNESS = -.0. MILS SPECTRUM BEGAN 0/0/0 PST

8059 -> BUR-332 CV56 CHAVIN A2-D
GAMMA SPECTRUM-B 606032

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 8.36CHANNELS
STD NUMBER 1 -605424 A SAMPLE WEIGHT = -0. MG DEAD TIME = .20 0/0 EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 46595.00 DAYS COUNT TIME = 79.995 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 46595.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 6/13/1986 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	ABUNDANCE						
INCOH					192141	59620	385	388	3.880 +/- .016E 5	113155.0	.003 +/- 3.203E 2		
COH					48301	22964*0412	415		2.276 +/- .019E 3	2239.1	.984 +/- .021E -0		
FE					3088	688*0105	104		3.480 +/- .048E 4	212.1	6.095 +/- .195E -3 FE		
CR					406	424*9784	85		1.705 +/- .023E 4	-1.6	-.933 +/- 1.449E -4 CR		
MN	FE PEAK IS AT CHANNEL 104.28 WITH HALFWIDTH OF 3 FE	.00120	0 CR	.11000	478	498*9874	94		2.255 +/- .031E 4	-2.0	-.897 +/- 1.398E -4 MN		
TI	FE PEAK IS AT CHANNEL 104.28 WITH HALFWIDTH OF				5.16.	MN PEAK IS SUMMED STARTING -12.60 CHANNELS HIGHER.							
CA	FE PEAK IS AT CHANNEL 104.28 WITH HALFWIDTH OF				538	452*9604	67		3.132 +/- .043E 3	7.6	2.427 +/- 1.305E -3 TI		
V	FE PEAK IS AT CHANNEL 104.28 WITH HALFWIDTH OF				674	550*9434	50		1.131 +/- .016E 3	11.0	9.690 +/- 2.735E -3 CA		
ZN	FE PEAK IS AT CHANNEL 104.28 WITH HALFWIDTH OF				386	373*9704	77		7.656 +/- .105E 3	1.1	1.501 +/- 3.046E -4 V		
CU	FE PEAK IS AT CHANNEL 104.28 WITH HALFWIDTH OF				635	611*0394	148		1.392 +/- .019E 5	2.1	1.524 +/- 3.868E -5 ZN		
PB	FE PEAK IS AT CHANNEL 104.28 WITH HALFWIDTH OF				5.16.	ZN PEAK IS SUMMED STARTING 39.40 CHANNELS HIGHER.							
RB	PEAK IS AT CHANNEL 417.24 WITH HALFWIDTH OF				517	527*0284	137		1.009 +/- .014E 5	-.9	-.876 +/- 4.724E -5 CU		
SR	PEAK IS AT CHANNEL 417.24 WITH HALFWIDTH OF				928	1573*8090	231		6.960 +/- .096E 4	-57.0	-8.190 +/- 1.250E -4 PB		
Y	PEAK IS AT CHANNEL 417.24 WITH HALFWIDTH OF 330 RB .16500	0	0.		9.64.	PB PEAK IS SUMMED STARTING *91.00 CHANNELS HIGHER.							
ZR	PEAK IS AT CHANNEL 417.24 WITH HALFWIDTH OF 414 SR .16500	0	0.05500		3155	1152*8210	242		1.001 +/- .022E 6	134.2	1.341 +/- .070E -4 RB		
NB	PEAK IS AT CHANNEL 417.24 WITH HALFWIDTH OF 115 Y .15200	0	0.		9.64.	RB PEAK IS SUMMED STARTING *79.00 CHANNELS HIGHER.							
MO	PEAK IS AT CHANNEL 417.24 WITH HALFWIDTH OF 575 ZR .15900	0	0.		3051	541*8340	256		1.314 +/- .020E 6	174.4	1.327 +/- .043E -4 SR		
NI	PEAK IS AT CHANNEL 417.24 WITH HALFWIDTH OF				9.64.	SR PEAK IS SUMMED STARTING *66.00 CHANNELS HIGHER.							
K	FE PEAK IS AT CHANNEL 104.28 WITH HALFWIDTH OF				1631	541*8520	274		1.840 +/- .027E 6	54.8	2.976 +/- .233E -5 Y		
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				9.64.	Y PEAK IS SUMMED STARTING *48.00 CHANNELS HIGHER.							
					4818	790*8660	290		2.259 +/- .034E 6	272.0	1.204 +/- .037E -4 ZR		
					9.64.	ZR PEAK IS SUMMED STARTING *34.00 CHANNELS HIGHER.							
					1374	757*8844	307		3.162 +/- .047E 6	39.7	1.254 +/- .167E -5 NB		
					9.64.	NB PEAK IS SUMMED STARTING *15.60 CHANNELS HIGHER.							
					2382	1790*9050	328		4.517 +/- .068E 6	1.5	.322 +/- 2.193E -6 MO		
					9.64.	MO PEAK IS SUMMED STARTING -95.00 CHANNELS HIGHER.							
					252	232*0200	126		4.694 +/- .064E 4	1.8	3.765 +/- 6.467E -5 NI		
					5.16.	NI PEAK IS SUMMED STARTING 20.00 CHANNELS HIGHER.							
					777	635*9365	43		3.480 +/- .048E 4	12.5	3.606 +/- 1.520E -4 K		
					5.16.	K PEAK IS SUMMED STARTING -63.50 CHANNELS HIGHER.							

8059 A BUR-333 CV57 CHAVIN A2-D
GAMMA SPECTRUM-B 606033

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 8.09CHANNELS
STD NUMBER 1 -605424 A SAMPLE WEIGHT = -0. MG DEAD TIME = .54 O/O EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 163491.50 DAYS COUNT TIME = 79.992 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 163491.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS COUNTS	BKGD COUNTS	APPR PEAK	REAL PEAK	I X	FLUX(N/MIN-CM2)	CPM	ELEMENT	ELEMENT
	COUNTS	EL	MULT	COUNTS	EL	MULT	EOB	ABUNDANCE					
INCOH					475587	131897	385	388	3.880 +/- .016E 5	324324.0	.001 +/- 1.374E 3		
COH					121461	53872*0412	415		2.276 +/- .019E 3	2084.0	.916 +/- .013E -0		
FE					7129	1533*0105	104		3.480 +/- .048E 4	172.5	4.958 +/- .114E -3 FE		
CR					917	972*9784	84		1.705 +/- .023E 4	-1.7	-9.946 +/- 7.611E -5 CR		
MN	FE PEAK IS AT CHANNEL 104.10 WITH HALFWIDTH OF 7 FE	.00120	0 CR	.11000	1239	1116*9874	94		2.255 +/- .031E 4	3.6	1.590 +/- .750E -4 MN		
TI	FE PEAK IS AT CHANNEL 104.10 WITH HALFWIDTH OF				1325	1257*9604	67		3.132 +/- .043E 3	2.1	6.695 +/- 7.463E -4 TI		
CA	FE PEAK IS AT CHANNEL 104.10 WITH HALFWIDTH OF				1665	1409*9434	50		1.131 +/- .016E 3	7.9	6.979 +/- 1.515E -3 CA		
V	FE PEAK IS AT CHANNEL 104.10 WITH HALFWIDTH OF				995	991*9704	76		7.656 +/- .105E 3	.1	.161 +/- 1.719E -4 V		
ZN	FE PEAK IS AT CHANNEL 104.10 WITH HALFWIDTH OF				1644	1422*0394	148		1.392 +/- .019E 5	6.8	4.918 +/- 2.080E -5 ZN		
CU	FE PEAK IS AT CHANNEL 104.10 WITH HALFWIDTH OF				1365	1376*0284	136		1.009 +/- .014E 5	-.3	-.336 +/- 2.661E -5 CU		
PB	FE PEAK IS AT CHANNEL 104.10 WITH HALFWIDTH OF				2334	4450*8090	231		6.960 +/- .096E 4	-65.2	-9.375 +/- .738E -4 PB		
RB	PEAK IS AT CHANNEL 417.31 WITH HALFWIDTH OF				9.50.	PB PEAK IS SUMMED STARTING *91.00 CHANNELS HIGHER.							
SR	PEAK IS AT CHANNEL 417.31 WITH HALFWIDTH OF				7417	2763*8210	242		1.001 +/- .022E 6	142.6	1.425 +/- .054E -4 RB		
Y	PEAK IS AT CHANNEL 417.31 WITH HALFWIDTH OF 768 RB .16500	0	0.		9.50.	RB PEAK IS SUMMED STARTING *79.00 CHANNELS HIGHER.							
ZR	PEAK IS AT CHANNEL 417.31 WITH HALFWIDTH OF 874 SR .16500	0	PB .05500		7020	1724*8340	256		1.314 +/- .020E 6	162.3	1.235 +/- .032E -4 SR		
NB	PEAK IS AT CHANNEL 417.31 WITH HALFWIDTH OF 204 Y .15200	0	0.		9.50.	SR PEAK IS SUMMED STARTING *66.00 CHANNELS HIGHER.							
MO	PEAK IS AT CHANNEL 417.31 WITH HALFWIDTH OF 1182 ZR .15900	0	0.		3836	1724*8520	274		1.840 +/- .027E 6	41.2	2.239 +/- .163E -5 Y		
NI	PEAK IS AT CHANNEL 417.31 WITH HALFWIDTH OF				10821	2516*8660	290		2.259 +/- .034E 6	227.9	1.009 +/- .025E -4 ZR		
K	FE PEAK IS AT CHANNEL 104.10 WITH HALFWIDTH OF				9.50.	ZR PEAK IS SUMMED STARTING *34.00 CHANNELS HIGHER.							
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				3271	2414*8844	307		3.162 +/- .047E 6	20.0	6.335 +/- 1.102E -6 NB		
					5604	4554*9050	328		4.517 +/- .068E 6	-4.0	-.895 +/- 1.280E -6 MO		
					627	644*0200	126		4.694 +/- .064E 4	-.5	-1.117 +/- 3.717E -5 NI		
					5.27.	NI PEAK IS SUMMED STARTING 20.00 CHANNELS HIGHER.							
					1855	1584*9365	43		3.480 +/- .048E 4	8.4	2.401 +/- .825E -4 K		
					5.27.	K PEAK IS SUMMED STARTING -63.50 CHANNELS HIGHER.							

8059 + BUR-334 CV58 CHAVIN A3-C RESIDUAL CORE
 GAMMA SPECTRUM-B 606034

THE IN {23.11KEV} PEAK HAS A HALFWIDTH OF 7.98CHANNELS
 STD NUMBER 1 -605424 A SAMPLE WEIGHT = -0. MG DEAD TIME = .82 O/O EOB = 0. MJD
 IRRADIATION TIME = 0. MIN DECAY TIME = 222918.00 DAYS COUNT TIME = 79.991 MIN C/SEC BEG. = 0 C/SEC END = 0
 START TIME = 222918.00 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS COUNTS	BKGD COUNTS	APPR PEAK	REAL PEAK	I X	FLUX(N/MIN-CM2)	CPM EOB	ELEMENT	ELEMENT
	COUNTS	EL	MULT	COUNTS								ABUNDANCE	
INCOH					740246	190589	385	388	3.880 +/- .016E 5	530291.0	.001 +/- 2.710E 3		
COH					185463	81188*0412	415		2.276 +/- .019E 3	1966.4	.864 +/- .010E -0		
FE					12220	2712*0105	104		3.480 +/- .048E 4	179.3	5.153 +/- .102E -3 FE		
CR					1525	1603*9784	85		1.705 +/- .023E 4	-1.5	-8.626 +/- 6.010E -5 CR		
MN	FE PEAK IS AT CHANNEL 104.14 WITH HALFWIDTH OF 11 FE	.00120	0 CR	.11000	2350	1931*9874	94		2.255 +/- .031E 4	7.7	3.409 +/- .616E -4 MN		
TI	FE PEAK IS AT CHANNEL 104.14 WITH HALFWIDTH OF				4.88.	MN PEAK IS SUMMED STARTING -12.60 CHANNELS HIGHER.							
CA	FE PEAK IS AT CHANNEL 104.14 WITH HALFWIDTH OF				2193	1947*9604	67		3.132 +/- .043E 3	4.6	1.481 +/- .573E -3 TI		
V	FE PEAK IS AT CHANNEL 104.14 WITH HALFWIDTH OF				4.88.	TI PEAK IS SUMMED STARTING -39.60 CHANNELS HIGHER.							
ZN	FE PEAK IS AT CHANNEL 104.14 WITH HALFWIDTH OF				2729	2279*9434	50		1.131 +/- .016E 3	8.5	7.503 +/- 1.184E -3 CA		
CU	FE PEAK IS AT CHANNEL 104.14 WITH HALFWIDTH OF				4.88.	CA PEAK IS SUMMED STARTING -56.60 CHANNELS HIGHER.							
PB	FE PEAK IS AT CHANNEL 104.14 WITH HALFWIDTH OF				1620	1596*9704	77		7.656 +/- .105E 3	.5	.591 +/- 1.338E -4 V		
RB	PEAK IS AT CHANNEL 417.32 WITH HALFWIDTH OF				4.88.	V PEAK IS SUMMED STARTING -29.60 CHANNELS HIGHER.							
SR	PEAK IS AT CHANNEL 417.32 WITH HALFWIDTH OF				2702	2578*0394	148		1.392 +/- .019E 5	2.3	1.680 +/- 1.696E -5 ZN		
Y	PEAK IS AT CHANNEL 417.32 WITH HALFWIDTH OF				4.88.	ZN PEAK IS SUMMED STARTING 39.40 CHANNELS HIGHER.							
ZR	1254 RB .16500	0	0.		2419	2123*0284	137		1.009 +/- .014E 5	5.6	5.531 +/- 2.053E -5 CU		
NB	PEAK IS AT CHANNEL 417.32 WITH HALFWIDTH OF				4.88.	CU PEAK IS SUMMED STARTING 28.40 CHANNELS HIGHER.							
MO	1387 SR .16500	0 PB	.05500		3886	7310*8090	231		6.960 +/- .096E 4	-64.6	-9.278 +/- .584E -4 PB		
NI	PEAK IS AT CHANNEL 417.32 WITH HALFWIDTH OF				9.21.	PB PEAK IS SUMMED STARTING *91.00 CHANNELS HIGHER.							
K	277 Y .15200	0	0.		12014	4411*8210	242		1.001 +/- .022E 6	143.3	1.432 +/- .046E -4 RB		
	PEAK IS AT CHANNEL 417.32 WITH HALFWIDTH OF				9.21.	RB PEAK IS SUMMED STARTING *79.00 CHANNELS HIGHER.							
					11241	2835*8340	256		1.314 +/- .020E 6	158.5	1.206 +/- .027E -4 SR		
	PEAK IS AT CHANNEL 417.32 WITH HALFWIDTH OF				9.21.	SR PEAK IS SUMMED STARTING *66.00 CHANNELS HIGHER.							
					5914	2835*8520	274		1.840 +/- .027E 6	34.4	1.869 +/- .127E -5 Y		
	PEAK IS AT CHANNEL 417.32 WITH HALFWIDTH OF				9.21.	Y PEAK IS SUMMED STARTING *48.00 CHANNELS HIGHER.							
					16665	3984*8660	290		2.259 +/- .034E 6	212.9	9.426 +/- .210E -5 ZR		
	PEAK IS AT CHANNEL 417.32 WITH HALFWIDTH OF				9.21.	ZR PEAK IS SUMMED STARTING *34.00 CHANNELS HIGHER.							
					5089	3822*8844	307		3.162 +/- .047E 6	18.7	5.900 +/- .851E -6 NB		
	PEAK IS AT CHANNEL 417.32 WITH HALFWIDTH OF				9.21.	NB PEAK IS SUMMED STARTING *15.60 CHANNELS HIGHER.							
					8876	7442*9050	328		4.517 +/- .068E 6	-6.8	-1.510 +/- 1.001E -6 MO		
	1796 ZR .15900	0	0.		9.21.	MO PEAK IS SUMMED STARTING -95.00 CHANNELS HIGHER.							
	PEAK IS AT CHANNEL 417.32 WITH HALFWIDTH OF				1068	948*0200	126		4.694 +/- .064E 4	2.3	4.821 +/- 2.801E -5 NI		
	FE PEAK IS AT CHANNEL 104.14 WITH HALFWIDTH OF				4.88.	NI PEAK IS SUMMED STARTING 20.00 CHANNELS HIGHER.							
	FE PEAK IS AT CHANNEL 104.14 WITH HALFWIDTH OF				2989	2472*9365	43		3.480 +/- .048E 4	9.7	2.802 +/- .633E -4 K		
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				4.88.	K PEAK IS SUMMED STARTING -63.50 CHANNELS HIGHER.							

8059 ; BUR-335 CV59 CHAVIN EI-U BLADE
GAMMA SPECTRUM-B 606035

THE IN (23.11KEV) PEAK HAS A HALFWIDTH OF 7.90CHANNELS
STD NUMBER 1 -605424 A SAMPLE WEIGHT = -0. MG DEAD TIME = .69 0/0 EOB = 0. MJD
IRRADIATION TIME = 0. MIN DECAY TIME = 93376.50 DAYS COUNT TIME = 79.990 MIN C/SEC BEG. = 0 C/SEC END = 0
START TIME = 93376.50 MJD PILL THICKNESS = -0. MILS SPECTRUM BEGAN 0/ 0/ 0 PST

NUCLIDE	COUNTS REMOVED FROM PEAK				GROSS	BKGD	APPR	REAL	I	FLUX(N/MIN-CM2)	CPM	ELEMENT	ELEMENT
	COUNTS	EL	MULT	COUNTS	EL	MULT	COUNTS	COUNTS	PEAK	PEAK	X	EOB	ABUNDANCE
INCOH				627058	146599	385	388	3.880	+/- .016E	5	461093.0	.001	+/- 2.078E 3
COH				146530	60931*0412	415	2.276	+/- .019E	3	1856.4	.816	+/- .010E -0	
FE				12008	1499*0105	104	3.480	+/- .048E	4	227.9	6.550	+/- .120E -3 FE	
CR				959	920*9784	84	1.705	+/- .023E	4	.8	4.960	+/- 5.338E -5 CR	
MN	FE PEAK IS AT CHANNEL 104.08 WITH HALFWIDTH OF 13 FE	.00120	4 CR	.11000	1461	1061*9874	94	2.255	+/- .031E	4	8.3	3.685	+/- .542E -4 MN
TI	FE PEAK IS AT CHANNEL 104.08 WITH HALFWIDTH OF 13 TI	.00120	4 CR	.11000	1301	1252*9604	67	3.132	+/- .043E	3	1.1	3.393	+/- 5.211E -4 TI
CA	FE PEAK IS AT CHANNEL 104.08 WITH HALFWIDTH OF 13 CA	.00120	4 CR	.11000	1877	1429*9434	50	1.131	+/- .016E	3	9.7	8.591	+/- 1.109E -3 CA
V	FE PEAK IS AT CHANNEL 104.08 WITH HALFWIDTH OF 13 V	.00120	4 CR	.11000	1002	1043*9704	76	7.656	+/- .105E	3	-.9	-1.161	+/- 1.226E -4 V
ZN	FE PEAK IS AT CHANNEL 104.08 WITH HALFWIDTH OF 13 ZN	.00120	4 CR	.11000	1736	1338*0394	148	1.392	+/- .019E	5	8.6	6.201	+/- 1.434E -5 ZN
CU	FE PEAK IS AT CHANNEL 104.08 WITH HALFWIDTH OF 13 CU	.00120	4 CR	.11000	1425	1159*0284	136	1.009	+/- .014E	5	5.8	5.717	+/- 1.750E -5 CU
PB	FE PEAK IS AT CHANNEL 104.08 WITH HALFWIDTH OF 13 PB	.00120	4 CR	.11000	2840	6474*8090	231	6.960	+/- .096E	4	-78.8	-1.132	+/- .063E -3 PB
RB	PEAK IS AT CHANNEL 417.30 WITH HALFWIDTH OF 1261 RB	.16500	0	0.	8.97.	PB PEAK IS SUMMED STARTING #91.00 CHANNELS HIGHER.							
SR	PEAK IS AT CHANNEL 417.30 WITH HALFWIDTH OF 1261 SR	.16500	0	0.	11255	3610*8210	242	1.001	+/- .022E	6	153.8	1.537	+/- .048E -4 RB
Y	PEAK IS AT CHANNEL 417.30 WITH HALFWIDTH OF 1261 Y	.16500	0	0.	8.97.	RB PEAK IS SUMMED STARTING #79.00 CHANNELS HIGHER.							
ZR	PEAK IS AT CHANNEL 417.30 WITH HALFWIDTH OF 1387 ZR	.16500	0	PB .05500	10166	1760*8340	256	1.314	+/- .020E	6	170.0	1.293	+/- .027E -4 SR
NB	PEAK IS AT CHANNEL 417.30 WITH HALFWIDTH OF 301 NB	.15200	0	0.	8.97.	SR PEAK IS SUMMED STARTING #66.00 CHANNELS HIGHER.							
MO	PEAK IS AT CHANNEL 417.30 WITH HALFWIDTH OF 1803 MO	.15900	0	0.	15276	2552*8660	290	2.259	+/- .034E	6	233.0	1.032	+/- .022E -4 ZR
NI	PEAK IS AT CHANNEL 417.30 WITH HALFWIDTH OF 593 NI	.15200	0	0.	8.97.	ZR PEAK IS SUMMED STARTING #34.00 CHANNELS HIGHER.							
K	FE PEAK IS AT CHANNEL 104.08 WITH HALFWIDTH OF 593 K	.15200	0	0.	4292	2449*8844	307	3.162	+/- .047E	6	32.1	1.016	+/- .079E -5 NB
	COUNT RATE CORRECTION FOR LAST ELEMENT = I				8.97.	NB PEAK IS SUMMED STARTING #15.60 CHANNELS HIGHER.							
					7712	6604*9050	328	4.517	+/- .068E	6	-14.7	-3.263	+/- 1.060E -6 MO
					8.97.	MO PEAK IS SUMMED STARTING #95.00 CHANNELS HIGHER.							
					593	600*0200	126	4.694	+/- .064E	4	-.2	-.323	+/- 2.528E -5 NI
					5.25.	NI PEAK IS SUMMED STARTING 20.00 CHANNELS HIGHER.							
					2235	1821*9365	43	3.480	+/- .048E	4	9.0	2.580	+/- .629E -4 K
					5.25.	K PEAK IS SUMMED STARTING -63.50 CHANNELS HIGHER.							

14 8059 1 1 1
A1605 S209 C15
A1606 C35

INCOH		100000	385	17	-25	30	1.0	0		
COH		102311	200412	9	-8	12	1.0	0		
FE	FE	100640	200105	29	-16	9	1	6.3		
CR	CR	100541	2099784	3	-5	5	1	30.		
MN	MN	100590	2099874	39	-6	6	1	30.		
						.0012	.648	2 3		
4	.11	TI	100451	2099604	14	-6	6	30.	.090	
CA	CA	100369	2099434	11	-13	6	1	30.	.0325	
V	V	100495	2099704	4	-4	5	1	30.	.22	
ZN	ZN	100863	2100394	7	-6	10		30.	4.	
CU	CU	100805	2100284	5	-6	9		30.	2.9	
PB	PB	101265	1098090	8	-8	11		30.	2.	
RB	RB	101338	1098210	6	-8	9	0	1.49	-4	
SR	SR	101415	1098340	-37	-1	11	4	1.53	-4	
Y	Y	101493	1098520	-55	-1	11	4	130.	1.4	
						.165		112		
ZR	ZR	101575	1098660	-70	-1	1.07	15	4	1.17	
						.165		-4		
								213		
11	.055	NB	101659	1098844	-86	-1	1.4	11	4	150.
										.152
MO	MO	101744	1099050	12	-9	13		150.	2.0	
										.159
NI	NI	100747	2100200	5	-1	4	1	30.	1.349	
K	K	100331	2099365	17	-4	6		30.00	1.0	

X

605432	517		100.	2228.	3
8059 B	BACK	BACKGROUND			
605424	517		100.	83997.	3
8059 A	LUB-30	EL CHAYAL STANDARD			
605436	5 17		3		
8059 C	PLAST	THICK PLASTIC	1		
605438			3		
8059 D	BUR-292	CS6 CHUPAS KB/IV 101428.5		AYACUCHO	
8059 E	BUR-293	CS7 CHUPAS KB III 97257.5		AYACUCHO	
8059 F	BUR-294	CS8 CHUPAS SDII 183743.0	3	AYACUCHO	
8059 G	BUR-295	CS9 CHUPAS P/21 107608.0	3	AYACUCHO	

8059 H BUR-296 CS10 CHUPAS FORMATIVO AYACUCHO
98835.0

8059 I BUR-297 CS11 CHUPAS FORMATIVO AYACUCHO
214471.0

8059 J BUR-298 CS12 CHUPAS FORMATIVO AYACUCHO
176571.5

8059 K BUR-299 CU86 CHANAPATA CUZCO
141219.0

8059 L BUR-300 PX4 PACHAMACHAY JUNIN PAX2 LEVEL 6
54281.5

8059 M BUR-301 PX5 PACHAMACHAY JUNIN PAX2 LEVEL 6
15645.5

606001
8059 N BUR-302 PX6 PACHAMACHAY JUNIN PAX2 LEVEL 6
24254.5

606003
8059 P BUR-304 PX8 PACHAMACHAY JUNIN PAX7 LEVEL 7
27713.

8059 Q BUR-305 ISB17 AY5-5 AYACUCHO SURFACE
44134.5

8059 R BUR-306 ISB18 AY5-5 AYACUCHO SURFACE
57056.0

8059 S BUR-307 ISB19 AY5-5 AYACUCHO SURFACE
182964.5

8059 T BUR-308 ISB20 AY5-5 AYACUCHO SURFACE
166983.0

8059 U BUR-309 ISB21 AY5-5 AYACUCHO SURFACE
94769.0

8059 V BUR-310 ISB22 AY5-5 AYACUCHO SURFACE
168037.0

8059 W BUR-311 ISB23 AY5-5 AYACUCHO SURFACE
250045.0

8059 X BUR-312 ISB24 AY5-5 AYACUCHO SURFACE
36489.0

8059 Y BUR-336 CU87 CHANAPATA SURFACE
214785.5

8059 Z BUR-313 ISB25 AY5-5 AYACUCHO SURFACE
238909.5

8059 1 BUR-314 ISB25 AY5-5 AYACUCHO SURFACE
236883.0

8059 2 BUR-315 CC1 CHABSHI CAVE
83250.0

8059 3 BUR-316 CC2 CHABSHI CAVE
3

149578.5
3
8059 4 BUR-317 CC3 CHABSHI CAVE
154047.5
3
8059 5 BUR-318 CC4 CHABSHI CAVE
121024.0
3
8059 6 BUR-319 CC5 CHABSHI CAVE
225367.5
3
8059 7 BUR-320 CC7 CHABSHI CAVE
171982.0
3
8059 8 BUR-321 CV45 CHAVIN D2-T
129471.5
3
8059 9 BUR-322 CV46 CHAVIN D2-T
161731.0
3
8059 + BUR-323 CV47 CHAVIN D2-T
51170.0
3
8059 - BUR-324 CV48 CHAVIN D2-T
102673.0
3
8059 * BUR-325 CV49 CHAVIN D2-T
145383.5
3
8059 / BUR-326 CV50 CHAVIN D2-S
94416.5
3
8059 ! BUR-327 CV51 CHAVIN D2-S
153874.5
3
8059 \$ BUR-328 CV52 CHAVIN D2-S
173659.0
3
8059 . BUR-329 CV53 CHAVIN D2-S
102064.0
3
8059] BUR-330 CV54 CHAVIN A2-D
163681.5
3
8059 # BUR-331 CV55 CHAVIN A2-D
102801.0
3
8059 ▶ BUR-332 CV56 CHAVIN A2-D
46595.0
3
8059 ^ BUR-333 CV57 CHAVIN A2-D
163491.5
3
8059 ↑ BUR-334 CV58 CHAVIN A3-C RESIDUAL CORE
222918.0
3
8059 ; BUR-335 CV59 CHAVIN EI-U BLADE
93376.5