APPENDIX B

	Sample	Radiation	Nominal Pressure (kilobars)	Time (hours)	Results and Comments
1	Checked out	Ag	0	8	Blank test run, no diamonds
2	Checked out	Ag	0	8	Blank test run, no diamonds
3	Checked out	Ag	0	8	Blank test run, no diamonds
4	Checked out	Ag	0	20	Blank test run, no diamonds
5	Bi	Ag	0	20	Blank test run, punch only
6	Bi	Ag	0		
7	Al	Ag	0		
8	Al	Ag	0		4 Al lines
9	Al	Ag	15 0	20 20	5 Al lines, no splitting observed
10	Al	Ag	15		
11	Al	Cu			No rings diamonds found out of mount
12	Al	Cu			Punch diamond found loose
13	KNO_3	Ag	0	20	1 half-line
14	KNO_3	Ag	5		Sample extruded
15	KNO_3	Ag	5		Insert way out of line Started using "fixed" piston
16	KNO_3	Ag	0.5		
17		Ag	5		Diamond found broken
18	None	Ag			
19	KNO_3 in Duco	Ag			6 lines very faint
20	KNO_3 in Duco	Ag/Rh			Rhodium lines from filter near sample
21	KNO_3 in Duco	Cu/Ni	0	20	Lower background but poor penetration by Cu radiation
22	KNO_3 in Duco	Cu/Ni	0	40	
23	KNO_3 in Duco	Cu/Ni	0	7	Lower background but poor penetration by Cu radiation

APPENDIX B (Cont'd)

	Sample	Radiation	Nominal Pressure (kilobars)	Time (hours)	Results and Comments
24	KNO_3	Cu/Ni	0	20	Lower background but poor penetration by Cu radiation
25	KI-Duco	Ag/Rh	0	20	
26	KI-Duco	Ag			
27	KI-Parlodion	Ag/Rh	0		
28	KI-Parlodion	Ag	0		
29	KI-Parlodion	Ag/Rh	0		
30	KI-Parlodion	Ag/Rh	5 0	40 20	
31	KI-Parlodion	Ag/Rh	0	20	
32	KI-Parlodion		0 5	20 40	
33	KI-Parlodion		0 10	40 40	
34	KI-Parlodion		0 10	40 40	
35	KI		0	40	6 splits KI
36	KI + NaCl		0	40	
37	KI + NaCl + Cu grid		0 10	40 40	First grid mount
38	KI + NaCl + Cu grid		0 10	40 40	
39	KI + NaCl + Cu		0 10	40 66	
40	RbCl + NaCl + Cu		0	40	
41	RbCl-NaCl	Ag/Rh	10 0	68 40	
42					
43	RbCl-NaCl	Ag/Rh	10	40	
44	RbCl-NaCl	Ag/Rh	10 0	80 63	
45	RbCl-NaCl	Ag/Rh	10	40	