

29/03/04 SPS-2
 03-113 DV + IF
 03-114

aperture = 30 micros
actual resolution = 6000
retardation lens = HV + 19

Actual offsets

$$194 - 204 = 10.146$$

$$204 - \text{bkg} = 0.043$$

$$204 - 206 = 2.0007$$

$$206 - 207 = -0.004$$

$$206 - 208 = 2.004$$

Raster time = 2

Raster aperture = 60

No scans = 7

Standards

MGI x 6 ~~ST 32~~ . IIIIIIIII (9)

XI x 3-4 ~~23-2~~ IIIII (6)

BSI x 2 ~~10~~ IIII (4)

194-204 = 10.146

204-64g = 0.043

206-208 = 2.004

Mount/sample No: Date: Page No:

Rejection over-ride	Sample/ Std ID	Time - printout	C1 2nd 254		Zr 20		Uo ppm kcps	204Pb ppb	Y20 kcps f206 %	Age ±1σ (Ma)		Offsets OK?
			UG/U	196 Kcps	206 Kcps	206/238				207/206		
	MGI-1	14:13	11.6	0.6	2.6	6.8	1	55	0.884	0.063	wrong 207	
	XI-1.1	14:41	11.2	0.06	69.1	82	3	43	1.89	0.073	"	
	BSI-1	15:06	11.3	0.97	2.1	3	44	1.24	0.06	"		
	dv114el-1	15:40	7.2	0.2	2.1	2.2	2	27	1.36	0.13	✓	
	dv114gl-1	16:04	11.2	0.05	6.7	3.8	1	26	3.98	0.11	✓	
	dv114hl-1	16:32	12.3	0.07	9.8	6.1	8	353	3.97	0.112	✓	
	dv114hl-2	16:52	11.2	0.03	6.8	4.6	3	30	3.3	0.11	✓	
	dv114il-1	17:19	11.9	0.1	17.9	7.9	4	47	5.4	0.16	✓	
	dv114il-2	17:40	11.2	0.09	11.3	5.6	3	41	4.5	0.159	✓	
	MGI-2	18:01	12.3	0.4	3.7	9.9	1	51.5	0.91	0.059	✓	
	MGI-1-3	18:19	13.2	0.6	2.6	6.3	5	49	1.07	0.056	✓	
	BSI-2	18:38	14.5	1.4	1.0	2.0	2	43	1.38	0.068	✓	
	XI.1-2	18:57	12.4	0.05	7.5	79.3	1	45	2.86	0.073	✓	
	dv114cl-1	19:32	10.9	0.1	6.3	4.3	3	30.6	(3.2)	0.12	✓	
	dv114cl-2	19:56	12.2	0.1	4.8	2.7	3	25	4.3	0.12	✓	
	dv114cl-3	20:18	8.98	0.2	4.4	3.6	1	21	2.2	0.12	✓	
	dv114dl-1	20:51	11.3	0.06	4	1.96		10.5	4.8	0.13	✓	
	dv114dl-2	21:11	11.3	0.07	3	2.1	0	19.8	3.2	0.12	✓	
	dv114dl-1	21:42	10.3	0.2	5.8	5.1	6	25.8	2.3	0.108	✓	
	dv114dl-2	22:03	10.8	0.08	4.1	2.5	4	31	3.5	0.11	✓	
	MGI-4	22:22	12.3	0.4	3.4	8.2	0	53	1.00	0.059	✓	
	XI.1-3	22:41	13.3	0.04	84	85.5	6	44	2.6	0.073	✓	
	dv114al-1	23:09	10.7	0.2	11.1	8.2	4	28	2.88	0.115	✓	
	dv114dl-3	23:33	7.5	0.3	3.8	4.1	1	22	1.4	0.13	✓	
	dv114el-2	00:01	11.8	0.12	5.6	3.6	2	31	3.7	0.12	✓	

fixed 208 trim mass value

Zr 0.007 high ratio

194-204 = 10.46
 204-64pd = 0.043
 206-208 = 2.004

Mount/sample No: Date: Page No:

2nd 254
 2020
 720 2nd 206 1st 207
 Rejection over-ride Sample/ Std ID Time - printout UO/U 196 Kcps 206 cps Kcps U_o ppm 204Pb ppb f206 % Age ±1σ (Ma) 206/238 207/206 Offsets OK?

Rejection over-ride	Sample/ Std ID	Time - printout	UO/U	196 Kcps	206 cps Kcps	U _o ppm	204Pb ppb	f206 %	Age ±1σ (Ma)	206/238	207/206	Offsets OK?
	MGT-1-5	00:25	13.4	0.6	3.4	7.6	1	53	1.19	0.06		✓
	BSI-1-3	00:44	11.4	1.2	0.8	1.7	0	43	1.04	0.068		✓
	XI-1-4	01:03	12.8	0.05	73	73	2	39.8	2.5	0.072		✓
	MGT-1-6	01:41	12.1	0.6	3.1	7.7	1	56	0.98	0.053		✓
	BSI-1-4	02:05	12.6	1.5	0.8	1.8	4	45	1.2	0.077		inc. 193 by 0.002 ✓
	XI-1-5	02:25	12.9	0.05	80.5	84	1	42	2.48	0.072		✓
	dvl13H-1	02:57	9.6	0.5	2.9	4.9	2	14.9	1.12	0.127		✓
	dvl13dH	03:21	9.04	0.3	4.9	5.4	10	25	1.66	0.11		✓
	dvl13FH	03:49	5.95	0.07	1.5	2.2	1	8.0	0.82	0.138		✓
	dvl13gH	04:27	10.2	0.13	6.1	4.4	1	22	2.86	0.119		✓
	dvl13g-2	04:49	11.7	0.15	5.6	4.1	4	19.4	3.14	0.124		✓
	MGT-1-7	05:23	12.2	0.3	3.7	4.2	1	49	0.96	0.059		✓
	MGT-1-8	05:43	13.1	0.4	2.6	6.4	1	49	1.06	0.06		✓
	XI-1-6	06:03	12.6	0.05	69.7	66	4	39	2.85	0.072		✓
end session ←												

Sample change
 HV off

Zr high ←

labelled
 it dvl13fg
 and
 dvl13fg