

Junction - Probe Observations

ppr. 11

some patches of fluor - feldspar?

also speckled
"low birefr. grains"
"cherty" stuff

Type 5

Petrography

shock facies: oliv mosaic extinction (d)

shock veins with ^{lots of} isotropic patches (maskelynite?) and small globules of rusty veins - one cuts shock vein

some patches _{of slides} have perovskite reddish color - other less so - visible with hand lens.

chondrule glass - feathery radiating Xals, some microgranuloblastic

troilite

Random

Olivines

Junction

6/28/84

	#	F _o	F _a	Total	Z	X
1	17	75.3	24.7	102.14	1.000	2.000
2	18	75.9	24.1	102.97	1.004	1.992
3	20	75.0	25.0	103.00	1.010	1.980
4	3	76.0	24.0	99.66	0.997	2.006
5	4	75.0	25.0	101.38	0.995	2.011
6	5	73.8	26.2	98.97	1.000	2.000
7	8	74.7	25.3	100.60	0.994	2.013
8	9	75.4	24.6	100.31	0.997	2.006
9	12	72.1	27.9	98.50	1.000	2.000
10	14	75.5	24.5	99.85	0.995	2.010
11	15	75.5	24.5	99.27	0.996	2.007
12	16	75.7	24.3	99.96	0.985	2.029
13	22	75.1	24.9	100.14	0.992	2.017
14	27	74.9	25.1	100.40	0.996	2.008
15	28	73.6	26.4	98.74	1.001	1.999
16	32	75.7	24.3	99.05	0.999	2.002
17	33	75.3	24.7	99.90	1.002	1.997
18	34	75.4	24.6	100.16	0.984	2.022
19	39	75.2	24.8	100.79	0.988	2.024
20	41	75.3	24.7	99.08	0.997	2.006
21	42	75.4	24.6	98.52	1.004	1.993
22	43	74.8	25.2	101.10	0.988	2.024
23	44	75.4	24.6	99.20	0.996	2.009

7/2/84

$N = 23$ $M = 25.0$
 $\sigma = 0.86$ $PMD = 2.01$

Random PyroxenesJunction

6/28/84

	#	En	Fs	Wo	Total	Z	X
1	19	77.5	21.5	1.0	101.83	1.995	2.010
2	21	76.8	21.7	1.5	102.02	1.983	2.034
3	6	76.9	21.5	1.6	99.25	1.996	2.007
4	7	77.7	20.8	1.5	100.21	2.002	1.997
5	11	77.8	20.6	1.5	99.99	1.998	2.004
6	13	78.1	20.3	1.6	98.87	2.006	1.987
7	17	77.6	20.7	1.7	98.79	2.003	1.994
8	18	75.7	22.8	1.6	97.99	1.999	2.003
9	21	78.0	20.7	1.3	99.86	2.000	2.001
10	24	78.0	20.5	1.5	99.33	2.000	1.999
11	25	77.7	20.8	1.5	99.41	2.004	1.991
12	26	77.6	21.1	1.3	100.03	1.995	2.010
13	30	76.7	21.8	1.5	99.21	2.001	1.999
14	31	77.1	21.7	1.1	97.64	2.001	1.998
15	36	77.3	21.4	1.3	99.82	1.998	2.004
16	37	77.7	20.8	1.5	98.66	2.006	1.989
17	38	77.6	20.8	1.6	99.18	2.007	1.985
18	40	77.4	21.0	1.6	97.80	2.011	1.979
19	45	76.9	21.9	1.2	98.63	2.005	1.989
20	46	77.3	21.4	1.3	99.82	1.998	2.004

7/2/84

$N = 20$ $M = 21.2$
 $\sigma = 0.61$ $PMD = 2.27$