

P(Gpa)	dP	T	dT	hcp Fe		MgO		
				V (A^3)	dV	V (A^3)	dV	
41.5691		300		1	19.053	0.002	62.625	0.005
47.5541	0.1753	1759		47.1	19.269	0.006	63.195	0.007
41.7757	0	300		1	19.066	0.004	62.586	0.006
52.4359	0	2038		51.97	19.175	0.004	62.591	0.009
52.917	0	2117		80.27	19.255	0.003	62.602	0.006
46.2589	0	300		1	18.881	0.001	61.748	0.004
52.2887	0.1939	1818		45.4	19.094	0.006	62.346	0.003
51.6519	0.1978	1485		65.4	19.129	0.004	62.061	0.010
53.3907	0.0298	1519		56.8	18.989	0.002	61.786	0.007
55.0794	0.0805	1632		167.6	18.976	0.003	61.613	0.007
54.8298	0.2095	1752		134.4	19.003	0.003	61.798	0.006
55.4639	0.21	1922		99.9	18.933	0.002	61.885	0.005
55.6605	0.2459	2205		94.9	18.948	0.003	62.185	0.009
48.3045	0	300		1	18.761	0.003	61.386	0.007
59.3007	1.7925	2503		117.3	19.053	0.002	61.879	0.008
57.3881	0	2338		141.4	19.062	0.003	62.303	0.008
57.2591	0	2012		106.2	18.917	0.006	61.665	0.007
60.028	0.6153	2575		137.4	18.988	0.004	61.829	0.006
63.3999	0.2999	3188		198.4	18.991	0.003	61.950	0.008
65.4429	2.6163	3399		220.6	18.974	0.004	61.830	0.012
60.2883	0.2243	2486		117.2	18.870	0.003	61.674	0.010
59.3395	0.3683	2375		116.1	18.840	0.002	61.714	0.012
55.1595	0.2386	1892		115.1	18.888	0.003	61.902	0.009
53.8825	0.0623	1578		102.1	18.910	0.003	61.765	0.009
53.9376	0.0723	1450		132.2	18.875	0.004	61.605	0.009
53.0883	0.054	1324		323	18.854	0.006	61.612	0.010
	0							
75.4026	0	300		1	17.657		57.302	0.007
80.9436	0.052	1441		63.3	17.853	0.004	57.457	0.007
85.6413	0.207	2104		58.2	17.739	0.007	57.414	0.006
86.6887	0.3521	2347		89	17.752	0.009	57.483	0.006
87.6737	0.1574	2496		103.8	17.743	0.005	57.485	0.005
84.2323	0.0971	1797		68.8	17.725	0.005	57.336	0.004
83.6214	0.0602	1696		96.2	17.713	0.006	57.326	0.004
81.9017	0.0884	1448		134.5	17.750	0.005	57.338	0.006
84.317	0.2998	1934		69.9	17.760	0.005	57.438	0.005
84.8394	0.0974	2013		70.3	17.755	0.007	57.438	0.006
85.1048	0.1054	2084		66.4	17.765	0.006	57.468	0.006
85.3075	0.1582	2153		65	17.778	0.006	57.502	0.006
86.5451	0.2869	2409		76.8	17.797	0.005	57.558	0.007
86.5346	0.2565	2468		78.5	17.805	0.008	57.611	0.007
86.7337	0.3335	2596		95.6	17.912	0.009	57.697	0.008
86.4824	0.3254	2558		111.2	17.843	0.009	57.696	0.006
87.1354	0	300		1	17.285	0.005	55.861	0.004
97.5676	0.0965	2064		104.8	17.387	0.006	55.908	0.004
96.4298	0.1449	1857		11	17.371	0.004	55.882	0.004
95.7742	0.0539	1766		87	17.331	0.005	55.883	0.004
94.7609	0.0223	1568		119.2	17.328	0.004	55.854	0.004
100.1116	0.1365	2345		66.3	17.336	0.004	55.824	0.004
102.0109	0.2791	2657		81.6	17.348	0.005	55.848	0.004
99.3626	0.1986	2206		110.7	17.356	0.004	55.806	0.004

98.7498	0.4772	2371	69.5	17.354	0.004	56.004	0.005
99.632	0.1753	2555	62.2	17.361	0.004	56.047	0.004
99.3403	0.1618	2426	56.3	17.367	0.003	55.981	0.005
102.4882	0.4042	2746	106.7	17.403	0.005	55.858	0.004
103.5536	0.2569	2889	141.6	17.356	0.004	55.848	0.004
104.4787	0.2836	3028	130.2	17.361	0.005	55.843	0.004
104.8809	0.3529	3054	114.2	17.328	0.004	55.821	0.004
105.5185	0.3877	3227	98.9	17.396	0.006	55.877	0.004
120.6177	0.1829	1640	68.8	16.682	0.004	53.188	0.004
120.2584	0.1627	1564	131.6	16.657	0.004	53.178	0.005
122.8694	0.3927	2044	69.8	16.671	0.004	53.229	0.005
121.8227	0.3256	1865	66.1	16.640	0.003	53.214	0.005
120.7461	0.0764	1702	76.3	16.645	0.003	53.213	0.005
114.5921	0	300	1	16.553	0.002	53.006	0.004
125.0864	0.4716	2272	94.1	16.626	0.003	53.160	0.004
126.2971	0.5891	2590	85.5	16.625	0.003	53.250	0.004
127.9736	1.4755	2976	112	16.683	0.004	53.338	0.006
125.2601	0.5834	2539	116.2	16.677	0.004	53.316	0.006
114.8058	0	300	1	16.570	0.002	52.984	0.005
126.0385	0.1394	1999	93.7	16.581	0.003	52.902	0.004
127.5697	0.2478	2240	83.8	16.608	0.003	52.913	0.004
117.8332	0	300	1	16.516	0.003	52.706	0.004
117.7603	0	300	1	16.512	0.002	52.709	0.004
	0						
79.154	0	300	1	17.527	0.004	56.820	0.010
80.4887	0	300	1	17.519	0.003	56.653	0.007
84.8381	0	1495		17.730	0.003	57.003	0.012
95.4857	0.0713	1988	89.5	17.432	0.003	56.090	0.007
95.9014	0.1809	2034	69.8	17.429	0.004	56.081	0.008
93.6848	0.1092	1577	124	17.397	0.003	55.988	0.007
93.3665	0.0676	1424	104.7	17.366	0.003	55.905	0.008
94.9057	0.1259	1677	111.9	17.392	0.004	55.920	0.007
94.7875	0.1264	1848	95.1	17.421	0.003	56.066	0.007
96.0576	0.2538	2117	83.3	17.444	0.003	56.124	0.008
96.6381	0.2025	2247	101.4	17.443	0.003	56.158	0.007
96.1836	0.1946	2254	80.6	17.464	0.003	56.221	0.008
95.0985	0.1615	2315	73.2	17.478	0.003	56.400	0.006
94.8731	0.2915	2421	65.9	17.489	0.004	56.511	0.007
94.8386	0.2306	2522	72.3	17.517	0.004	56.599	0.008
98.4495	0.2989	2812	141.4	17.499	0.004	56.391	0.007
85.9993	0	300	1	17.373	0.003	55.993	0.006
	0						
87.9374	0	300	1	17.248	0.006	55.763	0.005
90.7903	0	300	1	17.168	0.004	55.443	0.007
97.0205	0.1191	1570	112.4	17.226	0.004	55.591	0.006
98.0102	0.0842	1774	73.6	17.233	0.005	55.632	0.006
86.6227	0	1942	81.2	17.386	0.004	55.920	0.011
95.3286	0.2152	2032	86.6	17.422	0.004	56.145	0.012
99.258	0.2124	1937	87.5	17.290	0.005	55.615	0.006
96.5763	0.3347	2187	104.5	17.436	0.004	56.120	0.005
88.4561	0	300	1	17.226	0.004	55.708	0.003
99.9082	0	2486	125	17.281	0.008	55.961	0.006
100.1352	0	2262	107	17.349	0.005	55.761	0.005

99.7464	0.2331	2238	137	17.333	0.006	55.786	0.004
93.7755	0	300	1	17.090	0.002	55.111	0.006
104.714	0	300	1	16.846	0.002	53.958	0.009
106.7789	0	300	1	16.820	0.002	53.757	0.007
113.1566	0.228	1735	69.4	16.853	0.002	53.983	0.005
114.3473	0.1589	1975	102.4	16.887	0.003	54.022	0.006
113.1931	0.2061	1860	85.2	16.884	0.004	54.057	0.005
119.7219	0.3383	1810	81	16.696	0.003	53.381	0.005
111.7739	0	300	1	16.641	0.003	53.266	0.004
122.8021	1.0257	2326	1	16.749	0.003	53.414	0.007
120.9421	0.386	2273	64.8	16.774	0.002	53.562	0.004
121.4083	0.6039	2445	83.8	16.790	0.004	53.627	0.006
121.2404	0.8037	2430	92.8	16.780	0.003	53.632	0.006
112.3329	0	300	1	16.619	0.002	53.218	0.004
125.8461	0.1027	2386	97.8	16.668	0.003	53.161	0.004