

Table DR1: Electron microprobe analysis of serpentinized peridotite from DSDP Leg 82

Leg, hole, core, interval (cm)	analysis #	MgO wt%	CaO wt%	Al2O3 wt%	SiO2 wt%	FeO wt%	TiO2 wt%	Na2O wt%	Cr2O3 wt%	CoO wt%	NiO wt%	MnO wt%	K2O wt%	SO3 wt%	F wt%	Cl wt%	sum wt%
DSDP Leg 82-558Z-42R-1W, 107-109	1	34.2728	0.02907	0.29093	33.722	1.51497	b.d.	0.03085	0.03806	0.0067	0.31567	0.07653	0.00694	0.08573	b.d.	0.7414	71.13165
DSDP Leg 82-558Z-42R-1W, 107-109	2	34.7652	0.0354	0.29039	33.9278	1.59979	0.11341	b.d.	0.03256	0	0.25205	0.03619	0.00843	0.09198	0.02467	0.71637	71.89424
DSDP Leg 82-558Z-42R-1W, 107-109	3	34.5491	0.03445	0.35692	34.2835	1.56953	0.05894	0.02334	0.02171	0.01003	0.30252	0.0573	0.0012	0.0747	b.d.	0.6806	72.02384
DSDP Leg 82-558Z-42R-1W, 107-109	4	35.1359	0.03026	0.32805	34.8302	1.69604	0.02775	0.02747	0.02166	0.03002	0.21695	0.06722	0.00391	0.08416	0.04905	0.68556	73.2342
DSDP Leg 82-558Z-42R-1W, 107-109	5	34.5434	0.03031	0.32038	34.0426	1.68488	0.04561	0.01803	b.d.	0.01003	0.17655	0.03521	b.d.	0.09203	b.d.	0.6509	71.64993
DSDP Leg 82-558Z-42R-1W, 107-109	6	34.3782	0.03543	0.31395	33.7753	1.55908	b.d.	0.03398	0.01086	0.02342	0.22391	0.10766	b.d.	0.10723	0.04944	0.71085	71.32931
DSDP Leg 82-558Z-42R-1W, 107-109	7	33.2399	0.02208	0.34208	32.6515	1.59464	0.08037	0.00107	0.09811	b.d.	0.22161	0.03737	0.00876	0.07408	0.00357	0.77405	69.14919
DSDP Leg 82-558Z-42R-1W, 107-109	8	33.6124	0.02461	0.34979	33.1529	1.67766	0.11926	0.05127	b.d.	0.04694	0.19594	0.12703	0.00633	0.08198	0.0071	0.75226	70.20547
DSDP Leg 82-558Z-42R-1W, 107-109	9	33.7572	0.02333	0.31857	32.9438	1.63443	0.04347	0.02988	b.d.	0.03018	0.21809	0.08167	b.d.	0.09298	b.d.	0.7483	69.9219
DSDP Leg 82-558Z-42R-1W, 107-109	10	33.6353	0.01918	0.34925	33.0521	1.65927	b.d.	0.03525	0.04895	0.057	0.28127	0.0262	0.01207	0.07986	b.d.	0.77722	70.03292
DSDP Leg 82-558Z-42R-1W, 107-109	11	33.8247	0.01566	0.34909	32.6587	1.77603	b.d.	0.03205	0.05439	0.00671	0.21812	b.d.	0.01629	0.09191	0.06379	0.79097	69.89841
DSDP Leg 82-558Z-42R-1W, 107-109	12	34.1859	0.01533	0.32451	33.2948	1.63294	0.00334	0.03725	0.08151	b.d.	0.22409	0.05136	0.00211	0.08406	0.06366	0.7746	70.77546
DSDP Leg 82-558Z-42R-1W, 107-109	13	40.4602	0.06921	0.33088	38.7805	2.19237	b.d.	0.05859	b.d.	b.d.	0.53504	0.11051	0.00506	0.12025	0.03682	0.23977	82.9392
DSDP Leg 82-558Z-42R-1W, 107-109	14	40.3784	0.05693	0.34797	39.2718	2.13776	b.d.	0.0585	0.01596	b.d.	0.53789	0.04044	b.d.	0.12663	0.05015	0.20413	83.22656
DSDP Leg 82-558Z-42R-1W, 107-109	15	40.3799	0.05881	0.34862	39.3318	1.98522	0.06887	0.06263	0.04258	b.d.	0.60894	0.1351	0.02023	0.10184	0.01675	0.22637	83.38766
DSDP Leg 82-558Z-42R-1W, 107-109	16	40.0703	0.05507	0.3195	39.0534	2.34701	b.d.	0.05464	0.02128	b.d.	0.61564	0.02664	0.01131	0.11662	0.04683	0.22798	82.96622
DSDP Leg 82-558Z-42R-1W, 107-109	17	40.314	0.04845	0.32458	39.2968	2.11486	0.0875	0.06468	0.0213	b.d.	0.49798	0.06021	0.00893	0.11823	0.0201	0.21188	83.1895
DSDP Leg 82-558Z-42R-1W, 107-109	18	40.452	0.07803	0.3465	39.0889	2.08866	b.d.	0.05544	b.d.	0.00984	0.50105	0.10066	0.01339	0.11979	0.08033	0.22144	83.15603
DSDP Leg 82-558Z-42R-1W, 107-109	19	40.277	0.06639	0.32274	39.5955	2.23522	0.00328	0.05957	b.d.	b.d.	0.52569	0.0296	b.d.	0.12356	0.00669	0.20272	83.44796
DSDP Leg 82-558Z-42R-1W, 107-109	20	40.4831	0.06577	0.33563	39.5656	2.02353	0.01532	0.05736	b.d.	0.01313	0.47007	0.03652	0.00655	0.11089	0.01674	0.19927	83.39948
DSDP Leg 82-558Z-42R-1W, 107-109	21	40.7168	0.05197	0.33217	39.6353	1.68593	b.d.	0.03473	b.d.	b.d.	0.492	0.02568	0.02294	0.12047	0.03017	0.19941	83.34757
DSDP Leg 82-558Z-42R-1W, 107-109	22	40.4659	0.05002	0.37659	39.7761	1.9269	0.11704	0.03882	0.01066	b.d.	0.24734	0.10663	0.00268	0.12353	0.15079	0.21381	83.60681
DSDP Leg 82-558Z-42R-1W, 107-109	23	40.0045	0.06325	0.34503	39.3691	2.13631	0.20463	0.05851	b.d.	b.d.	0.35888	0.02963	0.01161	0.16778	0.10399	0.26793	83.12115
DSDP Leg 82-558Z-42R-1W, 107-109	24	39.4593	0.05609	0.3422	39.5244	2.2326	b.d.	0.04939	0.02133	0.01315	0.28501	0.10186	0.0003	0.17264	0.06729	0.27584	82.6014
DSDP Leg 82-558Z-42R-1W, 107-109	25	40.1476	0.06418	0.36715	39.9066	2.10885	b.d.	0.04715	0.01065	0.03936	0.38646	0.09472	b.d.	0.14309	0.05022	0.21808	83.58411
DSDP Leg 82-558Z-42R-1W, 107-109	26	39.8834	0.06106	0.41844	38.6444	2.23917	b.d.	0.04748	0.05323	0.01642	0.62515	0.10956	0.00357	0.10072	0.05031	0.3403	82.59321
DSDP Leg 82-558Z-42R-1W, 107-109	27	39.8274	0.0334	0.35877	38.9218	2.16368	b.d.	0.00412	0.00533	b.d.	0.47085	0.04349	b.d.	0.10817	0.04704	0.35284	82.33689
DSDP Leg 82-558Z-42R-1W, 107-109	28	40.1409	0.06421	0.41165	38.8994	2.30407	b.d.	0.00825	0.00532	0.03612	0.55396	0.05923	0.00655	0.11664	0.06026	0.22764	82.8942
DSDP Leg 82-558Z-42R-1W, 107-109	29	40.7163	0.03368	0.30566	39.8946	1.78234	b.d.	0.01634	0.00533	0.02297	0.42983	0.05922	b.d.	0.10039	0.08703	0.15939	83.61308
DSDP Leg 82-558Z-42R-1W, 107-109	30	40.1987	0.04	0.46786	39.0723	1.94514	b.d.	0.05642	0.05334	b.d.	0.37466	0.13343	0.01281	0.17528	0.12091	0.2347	82.88555
DSDP Leg 82-558Z-42R-1W, 107-109	31	40.9858	0.04786	0.28932	39.8997	1.5708	0.01752	0.05494	0.01068	b.d.	0.3032	0.09385	0.00864	0.07981	b.d.	0.14869	83.51081
DSDP Leg 82-558Z-42R-1W, 107-109	32	40.4877	0.05199	0.39174	39.2465												

DSDP Leg 82-558Z-42R-1W, 107-109	45	31.9685	0.03592	0.30736	31.4048	1.61706	b.d.	0.03024	b.d.	0.0101	0.41584	0.07488	0.00756	0.11377	b.d.	1.0668	67.05283
DSDP Leg 82-558Z-42R-1W, 107-109	46	32.3281	0.03392	0.30745	32.5537	1.55272	0.07035	0.0376	0.07634	0.00672	0.28191	0.07274	0.00393	0.10443	0.02148	0.78363	68.23502
DSDP Leg 82-558Z-42R-1W, 107-109	47	40.385	0.04579	0.35997	40.3631	2.9398	b.d.	0.05326	0.08997	0.00654	0.15718	0.00886	0	0.15187	0.07962	0.18012	84.82108
DSDP Leg 82-558Z-42R-1W, 107-109	48	40.624	0.05112	0.40612	40.4184	2.6869	0.04577	0.06739	b.d.	b.d.	0.17566	0.01476	0	0.12026	0.04315	0.15905	84.81258
DSDP Leg 82-558Z-42R-1W, 107-109	49	40.5553	0.04863	0.42815	40.3493	2.47131	b.d.	0.07144	0.03712	b.d.	0.15723	0.12898	0.00831	0.12659	0.07987	0.16558	84.62781
DSDP Leg 82-558Z-42R-1W, 107-109	50	40.5509	0.0389	0.39397	40.1287	2.54961	0.06213	0.07155	0.05302	b.d.	0.20041	0.08959	0.00119	0.11759	0.04993	0.18165	84.48914
DSDP Leg 82-558Z-42R-1W, 107-109	51	40.5432	0.04861	0.43978	40.3487	2.45647	0.06537	0.04494	0.04241	b.d.	0.22186	0.16137	0	0.12918	0.07654	0.19158	84.77001
DSDP Leg 82-558Z-42R-1W, 107-109	52	40.6277	0.04229	0.3876	40.619	2.90586	0.0087	0.07572	b.d.	0.05549	0.25234	0.0776	0.00652	0.16082	0.1585	0.19843	85.57657
DSDP Leg 82-558Z-42R-1W, 107-109	53	40.3968	0.05043	0.4295	40.9251	2.81229	0.0892	0.05933	b.d.	0.03263	0.29533	0.04321	0.00652	0.17029	0.20477	0.24744	85.76284
DSDP Leg 82-558Z-42R-1W, 107-109	54	40.1854	0.15001	0.40236	40.3936	2.91274	b.d.	0.09928	0.04228	0.02611	0.17229	0.06189	0.01719	0.23847	0.20182	0.22541	85.12885
DSDP Leg 82-558Z-42R-1W, 107-109	55	40.5142	0.12282	0.37125	40.6847	2.72764	0.00218	0.11335	0.04232	0.01959	0.20618	0.08647	0.01512	0.21766	0.1258	0.20032	85.4496
DSDP Leg 82-558Z-42R-1W, 107-109	56	40.415	0.09736	0.39939	40.6305	2.98522	0.04565	0.07066	0.06865	0.0685	0.21837	0.04025	0.01037	0.16702	0.16187	0.18029	85.5591

b.d. = below detection

n.a. = not analyzed

Table DR1: Electron microprobe analysis of serpentinized peridotite from ODP Leg 107

Leg, hole, core, interval (cm)	analysis #	MgO wt.%	CaO wt.%	Al2O3 wt.%	SiO2 wt.%	FeO wt.%	TiO2 wt.%	Na2O wt.%	Cr2O3 wt.%	CoO wt.%	NiO wt.%	MnO wt.%	K2O wt.%	SO3 wt.%	F wt.%	Cl wt.%	sum wt.%
107-651A-58R-2W, 40-42	1	32.7333	0.03746	0.0882	1.55354	20.6866	0.08775	0.03798	b.d.	0.01325	0.02796	0.04378	0.00147	0.06761	0.04181	7.33508	62.75579
107-651A-58R-2W, 40-42	2	34.9233	0.06993	0.07047	1.02244	21.7787	0.10381	0.1014	b.d.	b.d.	0.05258	0.15941	0.00878	0.08498	0.02969	6.61623	65.02172
107-651A-58R-2W, 40-42	3	31.6186	0.07496	0.04991	1.37328	20.8915	b.d.	0.04596	b.d.	0.02655	0.23653	0.07072	0.01236	0.09778	0.007	6.98811	61.49326
107-651A-58R-2W, 40-42	4	33.3654	0.03952	0.112	0.75608	21.5619	0.02188	0.03068	b.d.	b.d.	0.18347	0.04477	0.00323	0.07183	b.d.	5.96001	62.15077
107-651A-58R-2W, 40-42	5	33.2136	0.01471	0.16035	0.77153	21.3823	b.d.	0.03575	b.d.	0.08955	0.03423	0.08362	0.01526	0.07481	b.d.	5.92353	61.79924
107-651A-58R-2W, 40-42	6	42.5568	0.01392	0.03653	0.20533	21.6828	b.d.	0.05226	0.00498	0.10113	0.76817	0.01272	0.0029	0.56642	b.d.	5.0758	71.07976
107-651A-58R-2W, 40-42	7	43.1832	0.02178	0.00964	0.1204	22.0774	0.04828	0.02857	b.d.	0.07503	0.37036	0.00685	b.d.	0.15099	b.d.	5.09944	71.19194
107-651A-58R-2W, 40-42	8	42.9622	0.02212	b.d.	0.156	21.6395	0.05559	0.01116	0.04992	b.d.	0.34649	0.07065	0.01249	0.20131	b.d.	5.03599	70.56342
107-651A-58R-2W, 40-42	9	44.1792	0.03175	b.d.	0.30823	22.0679	0.06468	0.02972	0.02986	0.08463	0.58333	0.03907	0.00261	0.4893	b.d.	5.38749	73.29777
107-651A-58R-2W, 40-42	10	43.3489	0.0148	b.d.	0.32334	22.4561	0.0164	0.01872	b.d.	0.02274	1.11278	0.08283	b.d.	0.88989	b.d.	5.37284	73.65934
107-651A-58R-2W, 40-42	11	41.9288	0.03883	b.d.	0.35521	21.9193	b.d.	0.03366	0.03496	0.03594	0.59471	0.02059	b.d.	0.58679	b.d.	5.51749	71.06628
107-651A-58R-2W, 40-42	12	37.4113	0.0265	0.03882	30.9584	7.52218	b.d.	0.05632	b.d.	0.05954	0.19115	0.02084	0.01061	0.08832	0.0144	1.35861	77.75699
107-651A-58R-2W, 40-42	13	36.9335	0.02035	0.03274	32.9962	6.49614	b.d.	0.02744	0.00532	0.0331	0.32691	0.10026	0.0056	0.06514	b.d.	0.89729	77.93999
107-651A-58R-2W, 40-42	14	38.0639	0.05687	0.02375	38.1535	5.05	0.14592	0.0385	b.d.	0.04278	0.37372	0.08389	b.d.	0.20775	b.d.	0.65336	82.89394
107-651A-58R-2W, 40-42	15	35.7809	0.0259	0.05209	26.3547	9.07252	b.d.	0.03182	b.d.	0.06961	0.67404	0.09833	b.d.	0.40562	b.d.	1.83123	74.39676
107-651A-58R-2W, 40-42	16	35.2647	0.02386	0.04031	29.8738	6.55274	b.d.	0.04996	b.d.	0.01998	0.29779	0.05192	b.d.	0.07054	b.d.	1.77348	74.01908
107-651A-58R-2W, 40-42	17	36.4971	0.02593	0.06292	29.1043	7.70064	b.d.	0.049	b.d.	0.05631	0.37981	0.04172	b.d.	0.09625	0.01445	2.07603	76.10446
107-651A-58R-2W, 40-42	18	35.4994	0.0238	0.11053	31.7083	6.35182	0.01276	0.04299	0.03732	0.0398	0.35222	0.0925	0.00532	0.15201	0.01217	1.9111	76.35204
107-651A-58R-2W, 40-42	19	38.765	0.01807	0.10003	38.2755	5.89852	0.08105	0.02575	0.08454	b.d.	0.50682	0.04228	0.00205	0.09314	0.02132	0.42922	84.34329
107-651A-58R-2W, 40-42	20	37.3134	0.00184	0.09188	30.4281	8.84987	0.11161	0.00445	0.0105	0.03291	0.31616	0.06122	b.d.	0.09055	0.04263	1.8865	79.24162
107-651A-58R-2W, 40-42	21	36.3409	0.02096	0.12804	31.1678	7.24536	b.d.	0.0354	b.d.	0.04955	0.56956	0.02872	0.00354	0.52746	0.02399	1.71676	77.85804
107-651A-58R-2W, 40-42	22	33.8582	0.01735	0.09364	22.9535	9.29128	b.d.	0.06181	b.d.	0.03328	0.36328	0.06489	0.0083	0.17439	b.d.	3.8904	70.81032
107-651A-58R-2W, 40-42	23	39.464	0.06658	0.01797	39.7689	4.50515	b.d.	0.05598	b.d.	0.05251	0.36043	0.14272	0.00616	0.11803	b.d.	0.31264	84.87107
107-651A-58R-2W, 40-42	24	39.2813	0.08778	0.03585	40.2937	4.40984	b.d.	0.02949	0.00532	0.05252	0.18634	0.11819	0.00734	0.14011	0.01909	0.31276	84.97963
107-651A-58R-2W, 40-42	25	38.7305	0.01411	0.01735	40.1559	4.85152	b.d.	0.03499	b.d.	0.01642	0.29951	0.09259	b.d.	0.08502	0.00477	0.17416	84.47684
107-651A-58R-2W, 40-42	26	39.3202	0.02451	0.0081	40.887	4.68044	0.01686	0.02958	0.05303	0.0557	0.39647	0.07566	0.00117	0.05356	0.04985	0.09107	85.7432
107-651A-58R-2W, 40-42	27	38.0189	0.01845	b.d.	38.7112	5.12143	b.d.	0.03635	b.d.	b.d.	0.29434	0.01778	0.01206	0.03408	b.d.	0.33875	82.60334
107-651A-58R-2W, 40-42	28	38.1168	0.01411	0.01056	32.9334	7.75626	b.d.	0.04166	b.d.	0.05262	0.21764	0.05131	0.00528	0.05246	b.d.	1.35566	80.60776
107-651A-58R-2W, 40-42	29	39.1142	0.00736	b.d.	40.389	4.9625	0.06223	0.01693	0.05837	b.d.	0.18327	0.01674	0.00851	0.042	b.d.	0.15117	85.01228
107-651A-58R-2W, 40-42	30	39.4658	0.01961	0.03641	40.8994	4.5983	0.08642	0.0368	b.d.	b.d.	0.2226	0.07079	0.00821	0.09026	0.01901	0.20657	85.76018
107-651A-58R-2W, 40-42	31	38.8251	0.03966	0.01928	35.2083	6.0828	0.06658	0.04738	b.d.	0.01317	0.19626	b.d.	b.d.	0.12779	0.02861	1.08321	81.73814
107-651A-58R-2W, 40-42	32	40.4797	0.02459	0.04107	41.1882	3.1395	0.04023	0.01868	b.d.	0.01972	0.22313	0.04141	0.00294	0.08945	0.00239	0.19755	85.50856

b.d. = below detection

n.a. = not analyzed

Table DR1: Electron microprobe analysis of serpentinized peridotite from ODP Leg 125

Leg, hole, core, interval (cm)	analysis #	MgO wt.%	CaO wt.%	Al2O3 wt.%	SiO2 wt.%	FeO wt.%	TiO2 wt.%	Na2O wt.%	Cr2O3 wt.%	CoO wt.%	NiO wt.%	MnO wt.%	K2O wt.%	SO3 wt.%	Cu2O wt.%	F wt.%	Cl wt.%	Sum wt.%
125-779A-05R-2W, 35-38	1	41.1597	0.25704	b.d.	40.3748	4.05706	b.d.	0.0006	0.05267	0.02622	0.05886	0.03866	0.0427	b.d.	0.00629	b.d.	0.14005	86.21465
125-779A-05R-2W, 35-38	2	41.142	0.23349	0.00815	40.8245	4.08952	b.d.	b.d.	0.05266	0.01966	0.02638	0.02932	0.04561	0.00806	b.d.	b.d.	0.11782	86.59717
125-779A-05R-2W, 35-38	3	41.3444	0.22578	0.00039	40.798	4.27397	b.d.	0.02588	b.d.	0.02399	0.01418	0.0599	0.05118	b.d.	0.03137	b.d.	0.1203	86.96934
125-779A-05R-2W, 35-38	4	41.735	0.23043	b.d.	40.5436	4.12882	b.d.	0.0012	b.d.	0.01527	0.04661	0.03861	0.03839	0.01521	b.d.	b.d.	0.09961	86.89275
125-779A-05R-2W, 35-38	5	41.352	0.21878	0.00194	40.3317	4.30958	b.d.	b.d.	0.01402	b.d.	0.0223	0.03729	0.03916	b.d.	0.03139	b.d.	0.08122	86.43938
125-779A-05R-2W, 35-38	6	41.7679	0.22577	0.00078	40.4372	4.1743	0.04213	b.d.	b.d.	b.d.	0.04868	0.06929	0.03919	b.d.	b.d.	0.08415	86.88939	
125-779A-05R-2W, 35-38	7	41.9393	0.25683	b.d.	40.0419	4.24117	b.d.	0.01563	b.d.	b.d.	b.d.	0.02132	0.02657	0.0179	0.02093	b.d.	0.12732	86.70887
125-779A-05R-2W, 35-38	8	41.5765	0.23314	0.00272	40.1709	4.24799	b.d.	b.d.	b.d.	b.d.	0.0649	0.06994	0.04267	0.00626	b.d.	b.d.	0.13093	86.54595
125-779A-05R-2W, 35-38	9	39.076	0.30402	b.d.	39.8061	5.71201	b.d.	0.00123	0.00698	0.01746	0.03044	0.07593	0.04245	0.00803	0.04398	0.00712	0.37066	85.50241
125-779A-05R-2W, 35-38	10	38.3784	0.26391	0.0058	39.8454	6.08563	b.d.	b.d.	0.03834	0.05894	0.00406	0.09859	0.0378	0.02052	0.04609	b.d.	0.39111	85.27459
125-779A-05R-2W, 35-38	11	38.724	0.27315	0.00077	39.9121	5.87295	b.d.	0.00492	b.d.	b.d.	0.05882	0.09187	0.03545	0.00892	b.d.	b.d.	0.38876	85.37171
125-779A-05R-2W, 35-38	12	38.676	0.26485	0.01121	39.749	5.75343	0.06485	b.d.	0.01047	b.d.	0.04059	0.11725	0.03663	0.02051	b.d.	b.d.	0.39867	85.14346
125-779A-05R-2W, 35-38	13	38.8644	0.24479	b.d.	39.9619	5.81923	b.d.	0.01476	0.01046	0.01964	0.04261	0.0959	0.02888	0.02141	b.d.	0.01707	0.39933	85.54038
125-779A-05R-2W, 35-38	14	38.6905	0.24571	0.01973	39.7222	5.75282	b.d.	b.d.	b.d.	0.05897	0.03857	0.07929	0.03723	0.01963	0.01048	b.d.	0.40271	85.07784
125-779A-05R-2W, 35-38	15	38.8334	0.26419	b.d.	40.0704	5.88046	0.04982	0.0123	0.01045	b.d.	0.04865	0.11644	0.03544	0.01962	0.01046	b.d.	0.38302	85.73465
125-779A-05R-2W, 35-38	16	38.9632	0.19872	b.d.	39.754	5.5637	b.d.	0.01961	0.02091	b.d.	0.03849	0.13634	0.02806	0.01959	b.d.	b.d.	0.36558	85.1082
125-779A-05R-2W, 35-38	17	38.8788	0.20931	b.d.	39.8244	5.76953	0.04628	0.00184	b.d.	b.d.	0.01825	0.06789	0.03254	0.02228	b.d.	b.d.	0.43581	85.30693
125-779A-05R-2W, 35-38	18	39.1991	0.24126	b.d.	39.6809	5.71906	0.05417	0.00737	b.d.	b.d.	0.07103	0.0373	0.03277	0.01071	0.00209	b.d.	0.49364	85.5494
125-779A-05R-2W, 35-38	19	39.2359	0.21836	0.00736	39.8118	5.7255	0.07762	b.d.	b.d.	0.00436	0.0223	0.08852	0.04591	0.00268	0.01674	b.d.	0.41173	85.66878
125-779A-05R-2W, 35-38	20	39.0507	0.20851	b.d.	40.0901	5.66703	b.d.	b.d.	b.d.	0.03056	0.03246	0.04795	0.03218	0.00357	b.d.	b.d.	0.40277	85.56583
125-779A-05R-2W, 35-38	21	38.9713	0.19856	b.d.	39.8478	5.72239	0.00427	0.0172	0.00697	0.024	0.06287	0.07722	0.03391	0.02051	0.00419	b.d.	0.35914	85.35033
125-779A-05R-2W, 35-38	22	39.0996	0.18905	b.d.	40.0954	5.75902	0.01922	0.01228	b.d.	b.d.	0.05068	0.10514	0.03351	0.00714	0.00209	b.d.	0.30725	85.68038
125-779A-05R-2W, 35-38	23	39.0247	0.16745	b.d.	39.739	5.98433	b.d.	0.01725	b.d.	0.01309	0.07302	0.10983	0.03236	0.00268	0.03768	b.d.	0.28306	85.48445
125-779A-05R-2W, 35-38	24	39.0029	0.146	b.d.	39.5438	6.07906	0.02065	0.01664	b.d.	0.01091	0.04261	0.09322	0.02538	0.00624	b.d.	b.d.	0.31581	85.30322
125-779A-05R-2W, 35-38	25	39.1297	0.13766	b.d.	39.3726	5.85398	0.00143	0.00554	b.d.	0.03276	0.00406	0.05797	0.02947	0.03122	b.d.	b.d.	0.3182	84.97459
125-779A-05R-2W, 35-38	26	39.6453	0.13549	b.d.	39.9986	4.4018	0.08291	0.0237	b.d.	b.d.	0.03658	0.07875	0.01573	0.10007	0.03146	b.d.	0.22144	84.77183
125-779A-05R-2W, 35-38	27	40.346	0.13728	0.00077	40.0913	4.13743	0.0293	b.d.	b.d.	0.06778	b.d.	0.07403	0.01437	0.13765	b.d.	b.d.	0.18164	85.21755
125-779A-05R-2W, 35-38	28	39.7066	0.13392	b.d.	40.3438	4.25855	0.05362	0.01638	b.d.	0.03937	0.05283	0.06873	0.01243	0.16093	0.01259	b.d.	0.19775	85.0575
125-779A-05R-2W, 35-38	29	39.6568	0.13731	b.d.	39.7265	4.28987	0.00498	b.d.	0.01049	0.0501	0.05464	0.09634	0.00754	0.16271	b.d.	b.d.	0.19107	84.38835
125-779A-05R-2W, 35-38	30	39.8049	0.12691	0.00851	40.1331	4.29222	b.d.	b.d.	b.d.	0.04065	0.01202	0.00952	0.17342	b.d.	b.d.	0.18145	84.7827	
125-779A-05R-2W, 35-38	31	39.5313	0.14502	b.d.	40.105	4.26469	b.d.	0.01637	0.04562	b.d.	0.04061	0.04067	0.00989	0.18473	b.d.	b.d.	0.19772	84.58162
125-779A-05R-2W, 35-38	32	39.9614	0.12478	0.00852	40.2698	4.24496	b.d.	0.00546	b.d.	0.01532	b.d.	0.09218	0.00544	0.17806	b.d.	b.d.	0.20414	85.11006
125-779A-05R-2W, 35-38	33	39.6906	0.12228	b.d.	40.337	4.29667	b.d.	0.00971	0.03161	0.02625	0.010							

125-779A-05R-2W, 35-38	47	36.9171	0.12676	b.d.	39.3067	7.1061	0.08596	0.06877	0.04162	0.0567	0.00406	0.1018	0.02535	0.04626	b.d.	b.d.	0.39221	84.27939
125-779A-05R-2W, 35-38	48	37.104	0.1352	b.d.	39.2864	7.07338	b.d.	0.045	b.d.	0.0676	0.04057	0.14103	0.03522	0.04004	b.d.	b.d.	0.39382	84.36226
125-779A-05R-2W, 35-38	49	37.5217	0.1194	0.00077	39.58	6.97379	b.d.	0.03926	0.07288	0.00218	0.05071	0.09315	0.0271	0.04097	b.d.	b.d.	0.37502	84.89693
125-779A-05R-2W, 35-38	50	37.9544	0.11366	0.02011	39.2911	6.89606	b.d.	0.03047	b.d.	b.d.	0.06685	0.17743	0.02959	0.04004	0.0209	b.d.	0.37332	85.01393
125-779A-05R-2W, 35-38	51	37.9111	0.11544	b.d.	39.7518	6.57402	b.d.	0.00124	0.02085	0.04579	0.04665	0.16633	0.02498	0.05081	0.05023	b.d.	0.3582	85.11744
125-779A-05R-2W, 35-38	52	38.4971	0.08145	0.00077	39.7334	6.84444	0.05466	0.04964	b.d.	0.05662	0.07898	0.1488	0.03598	0.041	b.d.	b.d.	0.28861	85.91145
125-779A-05R-2W, 35-38	53	38.3134	0.08624	0.0151	39.825	7.09243	b.d.	0.08571	0.00346	0.06966	b.d.	0.10494	0.03172	0.03832	b.d.	b.d.	0.29141	85.95739
125-779A-05R-2W, 35-38	54	37.9364	0.09376	b.d.	39.5094	7.31714	0.06806	0.10218	b.d.	0.07181	0.01417	0.09759	0.03768	0.04628	b.d.	b.d.	0.30089	85.59536
125-779A-05R-2W, 35-38	55	37.6177	0.06881	0.05146	39.3196	7.46776	0.00496	0.06314	b.d.	b.d.	0.12356	0.1043	0.02108	0.0454	b.d.	b.d.	0.32288	85.21065
125-779A-05R-2W, 35-38	56	37.1976	0.08938	b.d.	39.1192	6.94882	0.00498	0.12189	0.07292	0.05674	0.0406	0.1185	0.02518	0.03918	0.04609	b.d.	0.32783	84.20891
125-779A-05R-2W, 35-38	57	37.9544	0.09662	b.d.	39.5836	6.93379	0.01774	0.17454	b.d.	0.02395	0.06884	0.13284	0.03055	0.05162	0.00418	b.d.	0.35764	85.43031
125-779A-05R-2W, 35-38	58	37.2632	0.08984	0.00116	38.9661	6.90633	b.d.	0.12609	b.d.	b.d.	0.01219	0.13726	0.04127	0.06233	0.02934	b.d.	0.38282	84.01793
125-779A-05R-2W, 35-38	59	37.4378	0.08355	b.d.	38.9026	6.9166	b.d.	0.12233	0.01735	0.0698	0.09536	0.1344	0.03137	0.0436	b.d.	b.d.	0.44491	84.29967
125-779A-05R-2W, 35-38	60	46.4856	0.03449	0.00541	20.8737	13.683	0.05111	0.17062	b.d.	0.01302	0.03644	0.16415	0.02108	0.03948	b.d.	b.d.	0.34913	81.92723
125-779A-05R-2W, 35-38	61	51.7967	0.02404	b.d.	12.9166	16.4186	b.d.	0.13268	b.d.	0.03024	0.08476	0.28794	0.00572	0.01395	0.00624	b.d.	0.28431	82.00178
125-779A-05R-2W, 35-38	62	39.0188	0.19699	b.d.	39.2945	5.7505	0.02707	0.14812	0.01395	b.d.	b.d.	0.12991	0.01473	0.19527	b.d.	b.d.	0.29154	85.08138
125-779A-05R-2W, 35-38	63	37.372	0.19062	b.d.	38.1922	5.54886	0.01359	0.1416	b.d.	b.d.	0.09382	0.15192	0.01399	0.1685	b.d.	b.d.	0.19855	82.08565
125-779A-05R-2W, 35-38	64	38.007	0.1756	0.01159	39.0744	5.70898	b.d.	0.03769	b.d.	b.d.	0.04678	0.07744	0.01125	0.14711	b.d.	b.d.	0.24698	83.54482
125-779A-05R-2W, 35-38	65	38.4461	0.20315	b.d.	39.2776	5.61206	b.d.	0.01417	b.d.	0.00218	0.05687	0.06133	b.d.	0.16223	0.0587	b.d.	0.2967	84.19109
125-779A-05R-2W, 35-38	66	38.6474	0.20724	0.00387	39.497	5.5668	0.00926	0.02525	0.00698	0.06113	0.07104	0.17649	0.00988	0.17921	0.02514	b.d.	0.27242	84.75911
125-779A-05R-2W, 35-38	67	48.1422	0.04985	b.d.	19.0228	14.3353	0.01047	0.01312	0.03018	b.d.	0.05661	0.27424	0.02276	0.02278	b.d.	b.d.	0.2151	82.19541
125-779A-05R-2W, 35-38	68	56.0546	0.00864	b.d.	2.53	19.5533	b.d.	b.d.	0.02946	0.05622	0.05868	0.3343	0.00361	0.01298	b.d.	b.d.	0.22415	78.86594
125-779A-05R-2W, 35-38	69	53.5852	0.04242	0.00131	9.86843	17.8929	0.02351	0.04883	0.00329	b.d.	0.00403	0.2835	0.00969	0.04	b.d.	b.d.	0.08459	81.8877
125-779A-05R-2W, 35-38	70	51.6701	0.07356	b.d.	16.2241	15.8365	0.06378	0.03741	b.d.	0.06029	0.00402	0.29169	0.00799	0.07952	b.d.	0.03108	0.11807	84.49811
125-779A-05R-2W, 35-38	71	48.6618	0.06184	0.00297	16.2876	15.4149	0.06342	0.0252	b.d.	0.02816	0.0789	0.27753	0.00993	0.06469	b.d.	b.d.	0.13301	81.10995
125-779A-05R-2W, 35-38	72	49.8758	0.05273	0.00968	20.3441	13.6265	0.10738	b.d.	0.01677	0.0108	0.14101	0.19431	0.00554	0.07019	0.01246	0.00132	0.22812	84.69671
125-779A-05R-2W, 35-38	73	45.2494	0.07088	0.03443	25.3681	11.8095	0.00772	0.06048	b.d.	0.0282	0.06675	0.15619	0.0165	0.0502	0.02503	b.d.	0.20199	83.14537
125-779A-05R-2W, 35-38	74	43.0289	0.11823	0.03047	31.0411	9.64889	0.02115	0.02211	b.d.	b.d.	0.07279	0.17289	0.01674	0.1017	b.d.	b.d.	0.23112	84.50609
125-779A-05R-2W, 35-38	75	53.9943	0.01766	b.d.	6.29579	19.56	0.00345	0.03742	b.d.	0.04314	b.d.	0.26585	b.d.	0.01561	b.d.	b.d.	0.08317	80.31639
125-779A-05R-2W, 35-38	76	48.1422	0.04985	b.d.	19.0228	14.3353	0.01047	0.01312	0.03018	b.d.	0.05661	0.27424	0.02276	0.02278	b.d.	b.d.	0.2151	82.19541
125-779A-05R-2W, 35-38	77	56.0546	0.00864	b.d.	2.53	19.5533	b.d.	b.d.	0.02946	0.05622	0.05868	0.3343	0.00361	0.01298	b.d.	b.d.	0.22415	78.86594
125-779A-05R-2W, 35-38	78	53.5852	0.04242	0.00131	9.86843	17.8929	0.02351	0.04883	0.00329	b.d.	0.00403	0.2835	0.00969	0.04	b.d.	b.d.	0.08459	81.8877
125-779A-05R-2W, 35-38	79	51.6701	0.07356	b.d.	16.2241	15.8365	0.06378	0.03741	b.d.	0.06029	0.00402	0.29169	0.00799	0.07952	b.d.	0.03108	0.11807	84.49811
125-779A-05R-2W, 35-38	80	48.6618	0.06184	0.00297														

125-779A-05R-2W, 35-38	100	38.8644	0.24479	b.d.	39.9619	5.81923	b.d.	0.01476	0.01046	0.01964	0.04261	0.0959	0.02888	0.02141	b.d.	0.01707	0.39933	85.54038
125-779A-05R-2W, 35-38	101	38.6905	0.24571	0.01973	39.7222	5.75282	b.d.	b.d.	b.d.	0.05897	0.03857	0.07929	0.03723	0.01963	0.01048	b.d.	0.40271	85.07784
125-779A-05R-2W, 35-38	102	38.8334	0.26419	b.d.	40.0704	5.88046	0.04982	0.0123	0.01045	b.d.	0.04865	0.11644	0.03544	0.01962	0.01046	b.d.	0.38302	85.73465
125-779A-05R-2W, 35-38	103	38.9632	0.19872	b.d.	39.754	5.5637	b.d.	0.01961	0.02091	b.d.	0.03849	0.13634	0.02806	0.01959	b.d.	b.d.	0.36558	85.1082
125-779A-05R-2W, 35-38	104	38.8788	0.20931	b.d.	39.8244	5.76953	0.04628	0.00184	b.d.	b.d.	0.01825	0.06789	0.03254	0.02228	b.d.	b.d.	0.43581	85.30693
125-779A-05R-2W, 35-38	105	39.1991	0.24126	b.d.	39.6809	5.71906	0.05417	0.00737	b.d.	b.d.	0.07103	0.0373	0.03277	0.01071	0.00209	b.d.	0.49364	85.5494
125-779A-05R-2W, 35-38	106	39.2359	0.21836	0.00736	39.8118	5.7255	0.07762	b.d.	b.d.	0.00436	0.0223	0.08852	0.04591	0.00268	0.01674	b.d.	0.41173	85.66878
125-779A-05R-2W, 35-38	107	39.0507	0.20851	b.d.	40.0901	5.66703	b.d.	b.d.	0.03056	0.03246	0.04795	0.03218	0.00357	b.d.	b.d.	0.40277	85.56583	
125-779A-05R-2W, 35-38	108	38.9713	0.19856	b.d.	39.8478	5.72239	0.00427	0.0172	0.00697	0.024	0.06287	0.07722	0.03391	0.02051	0.00419	b.d.	0.35914	85.35033
125-779A-05R-2W, 35-38	109	39.0996	0.18905	b.d.	40.0954	5.75902	0.01922	0.01228	b.d.	b.d.	0.05068	0.10514	0.03351	0.00714	0.00209	b.d.	0.30725	85.68038
125-779A-05R-2W, 35-38	110	39.0247	0.16745	b.d.	39.739	5.98433	b.d.	0.01725	b.d.	0.01309	0.07302	0.10983	0.03236	0.00268	0.03768	b.d.	0.28306	85.48445
125-779A-05R-2W, 35-38	111	39.0029	0.146	b.d.	39.5438	6.07906	0.02065	0.01664	b.d.	0.01091	0.04261	0.09322	0.02538	0.00624	b.d.	b.d.	0.31581	85.30322
125-779A-05R-2W, 35-38	112	39.1297	0.13766	b.d.	39.3726	5.85398	0.00143	0.00554	b.d.	0.03276	0.00406	0.05797	0.02947	0.03122	b.d.	b.d.	0.3182	84.97459
125-779A-05R-2W, 35-38	113	39.6453	0.13549	b.d.	39.9986	4.4018	0.08291	0.0237	b.d.	b.d.	0.03658	0.07875	0.01573	0.10007	0.03146	b.d.	0.22144	84.77183
125-779A-05R-2W, 35-38	114	40.346	0.13728	0.00077	40.0913	4.13743	0.0293	b.d.	b.d.	0.06778	b.d.	0.07403	0.01437	0.13765	b.d.	b.d.	0.18164	85.21755
125-779A-05R-2W, 35-38	115	39.7066	0.13392	b.d.	40.3438	4.25855	0.05362	0.01638	b.d.	0.03937	0.05283	0.06873	0.01243	0.16093	0.01259	b.d.	0.19775	85.0575
125-779A-05R-2W, 35-38	116	39.6568	0.13731	b.d.	39.7265	4.28987	0.00498	b.d.	0.01049	0.0501	0.05464	0.09634	0.00754	0.16271	b.d.	b.d.	0.19107	84.38835
125-779A-05R-2W, 35-38	117	39.8049	0.12691	0.00851	40.1331	4.29222	b.d.	b.d.	b.d.	0.04065	0.01202	0.00952	0.17342	b.d.	b.d.	0.18145	84.7827	
125-779A-05R-2W, 35-38	118	39.5313	0.14502	b.d.	40.105	4.26469	b.d.	0.01637	0.04562	b.d.	0.04061	0.04067	0.00989	0.18473	b.d.	b.d.	0.19772	84.58162
125-779A-05R-2W, 35-38	119	39.9614	0.12478	0.00852	40.2698	4.24496	b.d.	0.00546	b.d.	0.01532	b.d.	0.09218	0.00544	0.17806	b.d.	b.d.	0.20414	85.11006
125-779A-05R-2W, 35-38	120	39.6906	0.12228	b.d.	40.337	4.29667	b.d.	0.00971	0.03161	0.02625	0.01016	0.05941	0.01515	0.17524	b.d.	b.d.	0.20502	84.9791
125-779A-05R-2W, 35-38	121	39.4534	0.14601	b.d.	40.0549	4.31825	b.d.	0.00973	b.d.	0.06302	0.21764	0.01301	0.168	b.d.	b.d.	0.21376	84.65772	
125-779A-05R-2W, 35-38	122	39.7772	0.12873	0.00077	39.9058	4.47953	b.d.	0.0079	b.d.	0.01313	0.00203	0.10818	0.00408	0.12426	b.d.	b.d.	0.21485	84.76646
125-779A-05R-2W, 35-38	123	44.3941	0.09769	0.0144	32.652	6.88828	b.d.	0.01294	0.0347	b.d.	0.00609	0.08254	0.00832	0.13247	b.d.	b.d.	0.15942	84.48295
125-779A-05R-2W, 35-38	124	39.6155	0.09449	0.00387	39.9289	4.63545	b.d.	0.02861	0.00702	b.d.	b.d.	0.06007	0.01631	0.15551	0.05245	b.d.	0.18865	84.78683
125-779A-05R-2W, 35-38	125	39.2589	0.10093	b.d.	40.1666	4.69229	b.d.	0.00915	0.01403	b.d.	0.06098	0.12748	0.01728	0.11441	b.d.	b.d.	0.17416	84.73621
125-779A-05R-2W, 35-38	126	39.4272	0.10935	0.00155	39.8491	4.82973	0.02072	0.02075	b.d.	b.d.	0.04878	0.07341	0.0165	0.15279	b.d.	0.00286	0.16248	84.71522
125-779A-05R-2W, 35-38	127	39.5867	0.10312	0.0178	40.112	4.45846	0.00715	b.d.	0.01754	b.d.	0.02438	0.02935	0.01068	0.17519	0.18455	b.d.	0.16614	84.89306
125-779A-05R-2W, 35-38	128	39.9175	0.10157	b.d.	40.3702	4.70814	b.d.	b.d.	0.03851	0.00655	0.06897	0.08526	0.01551	0.18762	b.d.	b.d.	0.16963	85.66946
125-779A-10R-2W, 51-53	129	38.9503	0.17751	0.46748	39.8753	5.66485	0.09003	0.05821	0.26748	0.04564	0.05252	0.10209	0.05267	0.00801	0.02502	b.d.	0.07747	85.91458
125-779A-10R-2W, 51-53	130	38.1562	0.14408	0.41895	39.9769	5.77777	0.04269	0.02343	0.17077	0.01091	0.11966	0.0792	0.04259	b.d.	b.d.	0.06092	85.02407	
125-779A-10R-2W, 51-53	131	38.3588	0.14494	0.45307	40.127	5.94757	0.08173	0.02588	0.1914	b.d.	0.0932	0.07247	0.03965	b.d.	b.d.	0.04774	85.58345	
125-779A-10R-2W, 51-53	132	38.9106	0.24336	0.45531	39.9634	5.06574	0.04772	0.04157	0.1852	0.00873	0.05272	0.09785	0.04414	0.00089	b.d.	b.d.	0.07409	85.19132
125-779A-10R-2W, 51-53	133	38.8869	0.25514	0.02439	40.1684	6.26055	b.d.	0										

125-779A-05R-2W, 35-38	153	39.6749	0.11205	0.00658	40.0075	4.74783	0.00571	b.d.	b.d.	0.01966	0.01421	0.08666	0.00698	0.18128	b.d.	b.d.	0.15486	85.01822
125-779A-05R-2W, 35-38	154	39.3122	0.11922	0.00541	40.1489	4.66101	b.d.	0.00244	0.03508	0.0175	0.04066	0.14351	0.00932	0.20024	b.d.	b.d.	0.13537	84.83086
125-779A-05R-2W, 35-38	155	37.7303	0.13691	b.d.	39.589	7.30736	b.d.	0.08485	b.d.	b.d.	0.05877	0.117	0.04469	0.04989	b.d.	b.d.	0.30349	85.42226
125-779A-05R-2W, 35-38	156	36.7826	0.14066	0.00926	39.0772	7.53536	b.d.	0.12295	b.d.	0.00218	0.05474	0.15558	0.03229	0.06224	b.d.	b.d.	0.33119	84.30625
125-779A-05R-2W, 35-38	157	37.0687	0.12884	b.d.	38.9135	7.21	b.d.	0.08699	0.01041	b.d.	0.05886	0.08456	0.02943	0.05695	b.d.	b.d.	0.39131	84.03955
125-779A-05R-2W, 35-38	158	36.9171	0.12676	b.d.	39.3067	7.1061	0.08596	0.06877	0.04162	0.0567	0.00406	0.1018	0.02535	0.04626	b.d.	b.d.	0.39221	84.27939
125-779A-05R-2W, 35-38	159	37.104	0.1352	b.d.	39.2864	7.07338	b.d.	0.045	b.d.	0.0676	0.04057	0.14103	0.03522	0.04004	b.d.	b.d.	0.39382	84.36226
125-779A-05R-2W, 35-38	160	37.5217	0.1194	0.00077	39.58	6.97379	b.d.	0.03926	0.07288	0.00218	0.05071	0.09315	0.0271	0.04097	b.d.	b.d.	0.37502	84.89693
125-779A-05R-2W, 35-38	161	37.9544	0.11366	0.02011	39.2911	6.89606	b.d.	0.03047	b.d.	b.d.	0.06685	0.17743	0.02959	0.04004	0.0209	b.d.	0.37332	85.01393
125-779A-05R-2W, 35-38	162	37.9111	0.11544	b.d.	39.7518	6.57402	b.d.	0.00124	0.02085	0.04579	0.04665	0.16633	0.02498	0.05081	0.05023	b.d.	0.3582	85.11744
125-779A-05R-2W, 35-38	163	38.4971	0.08145	0.00077	39.7334	6.84444	0.05466	0.04964	b.d.	0.05662	0.07898	0.1488	0.03598	0.041	b.d.	b.d.	0.28861	85.91145
125-779A-05R-2W, 35-38	164	38.3134	0.08624	0.0151	39.825	7.09243	b.d.	0.08571	0.00346	0.06966	b.d.	0.10494	0.03172	0.03832	b.d.	b.d.	0.29141	85.95739
125-779A-05R-2W, 35-38	165	37.9364	0.09376	b.d.	39.5094	7.31714	0.06806	0.10218	b.d.	0.07181	0.01417	0.09759	0.03768	0.04628	b.d.	b.d.	0.30089	85.59536
125-779A-05R-2W, 35-38	166	37.6177	0.06881	0.05146	39.3196	7.46776	0.00496	0.06314	b.d.	b.d.	0.12356	0.1043	0.02108	0.0454	b.d.	b.d.	0.32288	85.21065
125-779A-05R-2W, 35-38	167	37.1976	0.08938	b.d.	39.1192	6.94882	0.00498	0.12189	0.07292	0.05674	0.0406	0.1185	0.02518	0.03918	0.04609	b.d.	0.32783	84.20891
125-779A-05R-2W, 35-38	168	37.9544	0.09662	b.d.	39.5836	6.93379	0.01774	0.17454	b.d.	0.02395	0.06884	0.13284	0.03055	0.05162	0.00418	b.d.	0.35764	85.43031
125-779A-05R-2W, 35-38	169	37.2632	0.08984	0.00116	38.9661	6.90633	b.d.	0.12609	b.d.	b.d.	0.01219	0.13726	0.04127	0.06233	0.02934	b.d.	0.38282	84.01793
125-779A-05R-2W, 35-38	170	37.4378	0.08355	b.d.	38.9026	6.9166	b.d.	0.12233	0.01735	0.0698	0.09536	0.1344	0.03137	0.0436	b.d.	b.d.	0.44491	84.29967
125-779A-05R-2W, 35-38	171	46.4856	0.03449	0.00541	20.8737	13.683	0.05111	0.17062	b.d.	0.01302	0.03644	0.16415	0.02108	0.03948	b.d.	b.d.	0.34913	81.92723
125-779A-05R-2W, 35-38	172	51.7967	0.02404	b.d.	12.9166	16.4186	b.d.	0.13268	b.d.	0.03024	0.08476	0.28794	0.00572	0.01395	0.00624	b.d.	0.28431	82.00178
125-779A-05R-2W, 35-38	173	39.0188	0.19699	b.d.	39.2945	5.7505	0.02707	0.14812	0.01395	b.d.	b.d.	0.12991	0.01473	0.19527	b.d.	b.d.	0.29154	85.08138
125-779A-05R-2W, 35-38	174	37.372	0.19062	b.d.	38.1922	5.54886	0.01359	0.1416	b.d.	b.d.	0.09382	0.15192	0.01399	0.1685	b.d.	b.d.	0.19855	82.08565
125-779A-05R-2W, 35-38	175	38.007	0.1756	0.01159	39.0744	5.70898	b.d.	0.03769	b.d.	b.d.	0.04678	0.07744	0.01125	0.14711	b.d.	b.d.	0.24698	83.54482
125-779A-05R-2W, 35-38	176	38.4461	0.20315	b.d.	39.2776	5.61206	b.d.	0.01417	b.d.	0.00218	0.05687	0.06133	b.d.	0.16223	0.0587	b.d.	0.2967	84.19109
125-779A-05R-2W, 35-38	177	38.6474	0.20724	0.00387	39.497	5.5668	0.00926	0.02525	0.00698	0.06113	0.07104	0.17649	0.00988	0.17921	0.02514	b.d.	0.27242	84.75911
125-779A-10R-2W, 51-53	178	33.2403	0.02612	0.46498	55.8145	3.85399	b.d.	0.1513	0.1425	b.d.	0.07012	0.01383	0.01274	b.d.	0.03928	b.d.	b.d.	93.82966
125-779A-05R-2W, 35-38	179	48.1422	0.04985	b.d.	19.0228	14.3353	0.01047	0.01312	0.03018	b.d.	0.05661	0.27424	0.02276	0.02278	b.d.	b.d.	0.2151	82.19541
125-779A-05R-2W, 35-38	180	56.0546	0.00864	b.d.	2.53	19.5533	b.d.	b.d.	0.02946	0.05622	0.05868	0.3343	0.00361	0.01298	b.d.	b.d.	0.22415	78.86594
125-779A-05R-2W, 35-38	181	53.5852	0.04242	0.00131	9.86843	17.8929	0.02351	0.04883	0.00329	b.d.	0.00403	0.2835	0.00969	0.04	b.d.	b.d.	0.08459	81.8877
125-779A-05R-2W, 35-38	182	51.6701	0.07356	b.d.	16.2241	15.8365	0.06378	0.03741	b.d.	0.06029	0.00402	0.29169	0.00799	0.07952	b.d.	0.03108	0.11807	84.49811
125-779A-05R-2W, 35-38	183	48.6618	0.06184	0.00297	16.2876	15.4149	0.06342	0.0252	b.d.	0.02816	0.0789	0.27753	0.00993	0.06469	b.d.	b.d.	0.13301	81.10995
125-779A-05R-2W, 35-38	184	49.8758	0.05273	0.00968	20.3441	13.6265	0.10738	b.d.	0.01677	0.0108	0.14101	0.19431	0.00554	0.07019	0.01246	0.00132	0.22812	84.69671
125-779A-05R-2W, 35-38	185	45.2494	0.07088	0.03443	25.3681	11.8095	0.00772	0.06048	b.d.	0.0282	0.06675	0.15619	0.0165	0.0502	0.02503	b.d.	0.20199	83.14537
125-779A-05R-2W, 35-38	186	43.0289																

125-779A-10R-2W, 51-53	206	38.4692	0.24722	0.01199	40.1682	6.62126	b.d.	0.03901	0.00694	0.00653	0.0587	0.16801	0.07671	b.d.	0.04804	b.d.	0.0691	85.99091
125-779A-10R-2W, 51-53	207	39.0033	0.24056	0.00388	39.4257	6.46335	b.d.	0.03092	b.d.	0.02176	0.10524	0.15668	0.05834	b.d.	0.06266	b.d.	0.06932	85.64171
125-779A-10R-2W, 51-53	208	38.3249	0.27837	0.01817	39.948	6.57468	b.d.	0.05882	0.00347	0.02614	0.07089	0.05781	0.07133	b.d.	b.d.	b.d.	0.09128	85.52386
125-779A-10R-2W, 51-53	209	38.9503	0.17751	0.46748	39.8753	5.66485	0.09003	0.05821	0.26748	0.04564	0.05252	0.10209	0.05267	0.00801	0.02502	b.d.	0.07747	85.91458
125-779A-10R-2W, 51-53	210	38.1562	0.14408	0.41895	39.9769	5.77777	0.04269	0.02343	0.17077	0.01091	0.11966	0.0792	0.04259	b.d.	b.d.	b.d.	0.06092	85.02407
125-779A-10R-2W, 51-53	211	38.3588	0.14494	0.45307	40.127	5.94757	0.08173	0.02588	0.1914	b.d.	0.0932	0.07247	0.03965	b.d.	b.d.	b.d.	0.04774	85.58345
125-779A-10R-2W, 51-53	212	38.9106	0.24336	0.45531	39.9634	5.06574	0.04772	0.04157	0.1852	0.00873	0.05272	0.09785	0.04414	0.00089	b.d.	b.d.	0.07409	85.19132
125-779A-10R-2W, 51-53	213	38.5807	0.15003	b.d.	40.8337	5.5072	0.05984	0.04598	b.d.	0.05237	b.d.	0.06924	0.03818	0.01072	b.d.	b.d.	0.18216	85.53012
125-779A-10R-2W, 51-53	214	39.8486	0.14961	0.01398	39.0563	5.34233	0.0734	0.03549	b.d.	b.d.	0.08926	0.01569	0.0223	0.05445	b.d.	0.12419	84.8256	
125-779A-10R-2W, 51-53	215	48.697	0.08659	b.d.	26.3423	10.0033	0.01688	0.05016	0.01364	0.00217	0.1615	0.12693	0.00768	0.00796	b.d.	b.d.	0.03378	85.54989
125-779A-10R-2W, 51-53	216	38.8091	0.15389	b.d.	40.836	5.48596	b.d.	0.03797	0.01046	0.04796	0.0547	0.0911	0.04065	0.00982	b.d.	b.d.	0.13916	85.71677
125-779A-10R-2W, 51-53	217	40.8483	0.13832	b.d.	36.4267	6.56063	0.06751	0.01733	0.05211	b.d.	0.1217	0.11843	0.01412	0.01246	0.01047	b.d.	0.08684	84.47492
125-779A-10R-2W, 51-53	218	43.2231	0.07314	b.d.	35.6512	6.58674	b.d.	0.04179	b.d.	b.d.	0.24684	0.07033	0.01641	0.01959	0.04176	b.d.	0.02911	86.00001
125-779A-10R-2W, 51-53	219	43.2405	0.07109	b.d.	35.7111	6.66945	0.02976	0.0338	b.d.	0.04131	0.2487	0.08751	0.00019	0.01958	b.d.	b.d.	0.05278	86.20577
125-779A-10R-2W, 51-53	220	45.5296	0.10524	0.00649	29.5556	9.34394	0.04017	0.0665	0.00342	0.00651	0.15965	0.11519	0.00923	b.d.	b.d.	b.d.	0.06381	85.00535
125-779A-10R-2W, 51-53	221	42.3446	0.08523	b.d.	37.9816	5.63879	b.d.	0.00853	0.00696	0.01306	0.18413	0.07502	b.d.	0.00892	0.04176	b.d.	0.05804	86.44664
125-779A-10R-2W, 51-53	222	41.3829	0.04814	b.d.	37.7664	5.20417	b.d.	0.08863	0.03842	b.d.	0.33483	0.02729	0.00349	0.02142	0.00419	b.d.	0.04133	84.96121
125-779A-10R-2W, 51-53	223	42.7629	0.08108	0.01441	31.9449	7.9958	b.d.	0.09724	0.03459	0.00437	0.20531	0.0806	0.0147	0.01778	b.d.	b.d.	0.04815	83.30183
125-779A-10R-2W, 51-53	224	50.4644	0.07618	b.d.	18.55	12.7083	b.d.	0.07297	b.d.	0.04126	0.19038	0.18672	0.01725	0.02725	b.d.	0.008	0.04691	82.38962
125-779A-10R-2W, 51-53	225	46.7862	0.05105	0.00244	29.4204	8.35235	b.d.	0.07776	0.02752	0.03696	0.23478	0.11603	0.00424	0.02218	0.01879	b.d.	0.04084	85.19154
125-779A-10R-2W, 51-53	226	45.4563	0.10671	b.d.	28.6104	9.80426	0.05288	0.05943	b.d.	0.02824	0.23676	0.1027	0.01058	0.02921	0.02296	b.d.	0.07204	84.59247
125-779A-10R-2W, 51-53	227	45.2724	0.09505	b.d.	27.3896	12.373	0.0098	0.12224	b.d.	0.13507	0.19393	0.00575	b.d.	0.01039	b.d.	0.0235	85.63073	
125-779A-10R-2W, 51-53	228	45.4145	0.07422	b.d.	30.1101	8.58391	b.d.	0.07324	0.00344	0.02828	0.26333	0.13734	0.01427	0.03106	0.03344	b.d.	0.04214	84.80927
125-779A-10R-2W, 51-53	229	43.4555	0.06226	b.d.	33.1064	8.4778	b.d.	0.1287	0.01721	0.00435	0.15991	0.07961	0.01061	0.02133	b.d.	b.d.	0.04295	85.56663
125-779A-10R-2W, 51-53	230	42.7595	0.03584	b.d.	37.6017	5.67927	b.d.	0.09946	b.d.	0.0392	0.3037	0.06707	0.01703	0.01607	0.0209	b.d.	0.02505	86.66479
125-779A-10R-2W, 51-53	231	42.8864	0.05821	b.d.	35.6877	6.37032	0.05467	0.05351	0.0243	0.03268	0.2836	0.07373	0.0143	0.01425	b.d.	b.d.	0.03093	85.5846
125-779A-10R-2W, 51-53	232	45.1936	0.0387	0.00568	30.6821	10.2358	b.d.	0.04359	b.d.	0.04758	0.39892	0.11936	b.d.	0.06287	b.d.	0.02702	0.06788	86.9231
125-779A-10R-2W, 51-53	233	39.322	0.15345	b.d.	39.5467	6.20871	0.00071	0.08134	0.00348	b.d.	0.14388	0.06117	0.042	0.02498	b.d.	b.d.	0.20571	85.79413
125-779A-10R-2W, 51-53	234	40.7173	0.11047	0.00237	35.3026	6.90027	b.d.	0.10851	b.d.	0.03496	0.2805	0.09994	0.03563	0.03295	b.d.	b.d.	0.08409	83.70959
125-779A-10R-2W, 51-53	235	46.7985	0.11483	b.d.	27.5467	9.02987	0.00141	0.09933	0.03775	0.03046	0.43143	0.13925	0.01271	0.05225	b.d.	b.d.	0.08031	84.3748
125-779A-10R-2W, 51-53	236	46.8763	0.10762	b.d.	29.4792	7.81032	0.03045	0.05893	0.0069	0.05225	0.30592	0.08562	0.02238	0.02397	0.01254	b.d.	0.07043	84.94283
125-779A-10R-2W, 51-53	237	42.5511	0.1284	0.00316	35.5621	6.26228	b.d.	0.05715	b.d.	0.04582	0.10752	0.04991	0.02574	0.0196	b.d.	b.d.	0.09825	84.91103
125-779A-10R-2W, 51-53	238	49.9228	0.12016	b.d.	25.6042	9.85129	0.03446	0.03748	0.03412	0.01083	0.12715	0.1798	0.00422	0.0221	b.d.	b.d.	0.07755	86.02616
12																		

125-779A-10R-2W, 51-53	259	42.9598	0.07192	b.d.	37.3138	5.00858	b.d.	0.10405	b.d.	b.d.	0.30879	0.10998	0.00427	b.d.	b.d.	b.d.	0.0642	85.94539
125-779A-10R-2W, 51-53	260	42.3526	0.06824	b.d.	37.8007	4.5533	b.d.	0.10332	b.d.	b.d.	0.28089	0.02338	0.00506	0.0224	0.02941	b.d.	0.03889	85.27819
125-779A-10R-2W, 51-53	261	41.0457	0.05733	b.d.	40.9254	3.94172	b.d.	0.12739	0.03865	b.d.	0.3473	0.024	0.01186	0.02512	b.d.	b.d.	0.04617	86.59064
125-779A-10R-2W, 51-53	262	41.2199	0.05672	b.d.	40.5447	3.82975	0.01073	0.09405	b.d.	b.d.	0.27625	0.06936	0.00972	b.d.	b.d.	b.d.	0.05444	86.16562
125-779A-10R-2W, 51-53	263	42.1297	0.06394	0.01802	39.4796	4.30512	b.d.	0.11252	0.01052	0.0153	0.3554	0.06132	0.00486	0.01793	0.0021	b.d.	0.04614	86.62247
125-779A-10R-2W, 51-53	264	43.3433	0.08491	b.d.	35.4616	5.8137	b.d.	0.12508	0.02442	0.0306	0.24589	0.07798	0.01105	0.00089	0.01258	b.d.	0.06437	85.29637
125-779A-10R-2W, 51-53	265	45.0952	0.10558	b.d.	33.5146	7.00988	b.d.	0.10098	0.03809	0.04791	0.2633	0.07503	0.00696	0.01336	b.d.	b.d.	0.06006	86.33095
125-779A-10R-2W, 51-53	266	39.6937	0.1051	0.02675	40.6378	5.07496	0.02998	0.05493	0.0245	0.02185	b.d.	0.13204	0.04407	0.01701	0.03145	b.d.	0.13673	86.03087
125-779A-10R-2W, 51-53	267	38.3563	0.10878	0.05917	40.1503	4.35577	b.d.	0.06325	b.d.	b.d.	0.30616	0.04286	0.04716	0.02779	0.05478	b.d.	0.10461	83.67693
125-779A-10R-2W, 51-53	268	39.0166	0.15022	0.08093	39.6496	4.40512	b.d.	0.02997	0.08452	0.05268	0.06322	0.04686	0.03115	0.04477	0.01895	b.d.	0.15377	83.82836
125-779A-10R-2W, 51-53	269	44.7425	0.11859	0.13689	33.0531	6.05851	b.d.	0.04841	0.09068	0.00875	0.05286	0.10606	0.02171	0.05439	0.01469	b.d.	0.079	84.58614
125-779A-10R-2W, 51-53	270	40.569	0.16555	0.07596	40.6335	3.5932	0.05445	0.03676	0.03877	0.02628	0.02441	0.07484	0.00797	0.03765	0.0546	b.d.	0.10788	85.50082
125-779A-10R-2W, 51-53	271	41.3689	0.1733	0.11694	39.7971	4.40317	0.00143	0.02723	0.01053	0.00437	0.11373	0.07336	0.02194	0.04478	0.02306	b.d.	0.11114	86.29098
125-779A-10R-2W, 51-53	272	43.2614	0.14332	0.05287	38.4132	5.21528	0.07958	0.03714	0.02089	b.d.	0.68534	0.09876	0.00329	0.06975	0.07928	0.01954	0.12793	88.30757
125-779A-10R-2W, 51-53	273	43.3388	0.06603	0.02079	33.9632	8.35708	0.06291	0.05439	0.02065	b.d.	0.28927	0.16173	b.d.	0.00267	0.03757	b.d.	0.0278	86.40289
125-779A-10R-2W, 51-53	274	42.3859	0.06897	b.d.	33.382	8.62014	b.d.	0.04784	b.d.	b.d.	0.25969	0.08907	0.01121	0.00267	b.d.	b.d.	0.03349	84.90098
125-779A-10R-2W, 51-53	275	43.2748	0.10588	0.00771	29.013	11.1339	0.00211	0.07602	0.02724	0.03042	0.34225	0.21068	0.02174	b.d.	0.0188	b.d.	0.03128	84.29583
125-779A-10R-2W, 51-53	276	42.4234	0.08317	b.d.	36.8169	6.03184	0.01352	0.06934	0.01392	b.d.	0.23531	0.08051	0.00736	0.02679	b.d.	b.d.	0.01214	85.8142
125-779A-10R-2W, 51-53	277	42.6383	0.05301	b.d.	36.9031	6.58239	0.0802	0.06029	b.d.	b.d.	0.25713	0.07437	0.01276	b.d.	0.03552	b.d.	0.02865	86.72572
125-779A-10R-2W, 51-53	278	42.5415	0.06199	0.00397	35.1384	7.48066	b.d.	0.05038	0.00692	0.03484	0.27761	0.07372	0.00812	b.d.	0.03345	b.d.	0.03377	85.74533
125-779A-10R-2W, 51-53	279	43.0512	0.04828	b.d.	36.3425	6.16292	b.d.	0.03011	0.01391	0.0567	0.34468	0.09639	0.00542	0.00625	b.d.	b.d.	0.01886	86.17722
125-779A-10R-2W, 51-53	280	42.6695	0.04269	b.d.	36.4431	6.22474	b.d.	0.03446	b.d.	0.02182	0.32661	0.11109	0.00581	b.d.	0.01256	b.d.	0.01834	85.91072
125-779A-10R-2W, 51-53	281	43.4018	0.05487	0.00834	35.9841	6.56123	b.d.	0.03751	0.00347	b.d.	0.28989	0.04786	0.00252	0.00982	b.d.	b.d.	0.02169	86.4231
125-779A-10R-2W, 51-53	282	42.8061	0.0673	b.d.	35.7765	7.49297	b.d.	0.0639	0.02762	b.d.	0.3358	0.16842	0.00444	b.d.	b.d.	b.d.	0.02294	86.76599
125-779A-10R-2W, 51-53	283	42.4917	0.06972	b.d.	37.3171	6.12527	0.03271	0.05706	0.00696	0.02616	0.23108	0.05917	0.00116	0.0134	0.04602	b.d.	0.02791	86.50542
125-779A-10R-2W, 51-53	284	42.8175	0.04024	b.d.	35.6299	6.59512	0.06466	0.06348	b.d.	0.01744	0.20481	0.10108	0.0058	0.0107	b.d.	b.d.	0.01677	85.5675
125-779A-10R-2W, 51-53	285	43.0192	0.06453	0.00757	34.8228	7.71055	b.d.	0.06092	b.d.	0.03699	0.28343	0.06701	0.00328	0.02227	b.d.	b.d.	0.02679	86.12534
125-779A-26R-3W, 50-52	286	44.653	0.2673	0.51256	28.9485	11.3956	b.d.	0.06152	b.d.	0.01946	0.44938	0.38304	0.0023	0.08135	0.00416	b.d.	0.19063	86.9688
125-779A-26R-3W, 50-52	287	44.7621	0.24581	0.53184	27.9569	11.4737	0.08408	0.07203	0.02372	0.02595	0.58458	0.37774	0.00843	0.0848	b.d.	b.d.	0.16902	86.4007
125-779A-26R-3W, 50-52	288	44.7305	0.30371	0.52308	24.7556	12.768	0.05388	0.05489	b.d.	0.03464	0.55124	0.52724	b.d.	0.08278	b.d.	b.d.	0.19548	84.58104
125-779A-26R-3W, 50-52	289	46.4169	0.37279	0.54439	18.5114	16.4462	b.d.	0.05519	0.01659	0.02157	0.56006	0.63958	0.00743	0.06646	0.00415	b.d.	0.21988	83.88259
125-779A-26R-3W, 50-52	290	46.4524	0.35579	0.53433	19.2577	15.8372	0.02848	0.05088	0.01331	0.03237	0.55622	0.59524	0.00953	0.08929	0.00623	b.d.	0.20486	84.02383
125-779A-26R-3W, 50-52	291	46.3101	0.3574	0.54993	19.2828	15.9054	0.10005	0.06091	b.d.	0.03238	0.43746	0.59489	0.00572	0.07266	b.d.	b.d.	0.20411	83

125-779A-26R-3W, 50-52	312	39.0368	0.32794	0.20306	39.9982	6.13856	b.d.	0.01356	b.d.	0.01744	0.10946	0.11175	0.00252	0.04642	0.00418	b.d.	0.30816	86.31805
125-779A-26R-3W, 50-52	313	38.8697	0.27284	0.17276	39.8035	6.62853	b.d.	0.00186	0.04167	b.d.	0.21278	0.07179	0.00077	0.04375	0.046	b.d.	0.24148	86.40743
125-779A-26R-3W, 50-52	314	39.7976	0.19406	0.09844	38.3618	6.78874	b.d.	0.0211	0.01388	b.d.	0.24734	0.11768	b.d.	0.02409	b.d.	b.d.	0.14507	85.8098
125-779A-26R-3W, 50-52	315	41.1264	0.17841	0.05306	37.7329	6.58855	0.03268	0.01794	0.00694	b.d.	0.36878	0.03986	0.00155	0.02142	0.08364	b.d.	0.13401	86.38614
125-779A-26R-3W, 50-52	316	38.3279	0.25378	0.70678	38.406	7.63428	0.01913	0.03374	0.12439	b.d.	0.07893	0.14204	0.00637	0.08011	b.d.	b.d.	0.26815	86.0816
125-779A-26R-3W, 50-52	317	38.9705	0.2195	0.66579	36.8045	8.35712	0.01345	0.03711	0.13784	0.06961	0.05466	0.14931	b.d.	0.06759	b.d.	b.d.	0.2595	85.80648
125-779A-26R-3W, 50-52	318	39.7637	0.24837	0.59974	32.9169	10.8124	b.d.	0.03148	0.09888	b.d.	0.10517	0.22054	0.00962	0.07085	b.d.	b.d.	0.22492	85.10257
125-779A-26R-3W, 50-52	319	41.4502	0.29036	0.59503	27.3723	14.2448	0.02722	0.033	0.0302	0.02161	0.05042	0.43394	b.d.	0.0484	b.d.	0.01888	0.23916	84.85552
125-779A-26R-3W, 50-52	320	37.8864	0.37323	0.73966	36.568	7.80091	0.07106	0.02458	0.06929	b.d.	0.09344	0.18385	0.00813	0.08897	b.d.	b.d.	0.32349	84.23101
125-779A-26R-3W, 50-52	321	38.3433	0.2444	0.65236	37.1811	8.09114	0.02906	0.0239	0.06562	0.01307	0.06892	0.16947	0.01237	0.05694	0.01882	b.d.	0.34803	85.3185
125-779A-26R-3W, 50-52	322	37.9839	0.3814	0.69338	40.2518	6.22182	0.06114	0.00556	0.11131	0.01743	0.03241	0.13365	0.01142	0.05886	b.d.	b.d.	0.38069	86.34477
125-779A-26R-3W, 50-52	323	37.9913	0.23299	0.61598	38.4157	7.84751	0.05105	0.02695	0.06221	b.d.	0.07496	0.09967	b.d.	0.05344	b.d.	b.d.	0.26395	85.73571
125-779A-26R-3W, 50-52	324	37.9021	0.2746	0.73963	37.78	8.35698	0.1182	0.03589	0.08961	0.05654	0.06679	0.08891	0.0027	0.05602	b.d.	b.d.	0.3498	85.91777
125-779A-26R-3W, 50-52	325	37.9115	0.34671	0.81978	38.8676	6.71407	0.05694	0.03789	0.00696	0.01964	b.d.	0.11655	0.0124	0.08024	b.d.	b.d.	0.40582	85.3961
125-779A-26R-3W, 50-52	326	37.7839	0.30261	0.88029	37.8949	7.7581	b.d.	0.02822	0.07264	0.01525	0.10743	0.06049	0.00213	0.07921	b.d.	b.d.	0.45332	85.43849
125-779A-26R-3W, 50-52	327	37.8499	0.30369	0.94262	37.8485	7.9793	b.d.	0.01318	0.06905	0.08051	0.05872	0.09028	b.d.	0.08005	0.01045	b.d.	0.4777	85.80395
125-779A-26R-3W, 50-52	328	39.0099	0.15831	0.70448	36.127	8.39226	0.02054	0.05039	0.08278	b.d.	0.06893	0.11365	0.00734	0.01245	b.d.	b.d.	0.16584	84.91387
125-779A-26R-3W, 50-52	329	41.7657	0.2929	0.65255	24.7216	15.9898	b.d.	0.0248	0.0333	b.d.	0.10285	0.34919	b.d.	0.00878	b.d.	b.d.	0.13916	84.08063
125-779A-26R-3W, 50-52	330	43.0231	0.35288	0.56386	19.9771	19.6768	b.d.	0.0358	0.01635	0.0322	0.03615	0.53128	0.00682	0.03139	b.d.	b.d.	0.15166	84.43539
125-779A-26R-3W, 50-52	331	40.502	0.28632	0.65529	28.8013	13.868	0.00908	0.00791	0.11759	0.0497	0.0726	0.30792	0.0111	0.03083	0.03327	0.00406	0.21174	84.96871
125-779A-26R-3W, 50-52	332	41.0411	0.30092	0.598	27.6258	15.6401	b.d.	0.0366	0.10986	b.d.	0.04222	0.36995	0.00477	0.03075	b.d.	b.d.	0.17427	85.97434
125-779A-26R-3W, 50-52	333	37.5282	0.34632	0.90059	38.5259	7.83144	0.017	0.02319	0.06561	b.d.	0.06274	0.13938	b.d.	0.09874	0.0522	b.d.	0.38472	85.97603
125-779A-26R-3W, 50-52	334	37.2753	0.43564	0.93683	38.4053	7.51395	b.d.	0.03381	0.1522	0.02394	0.06074	0.17	b.d.	0.11201	b.d.	b.d.	0.44769	85.56741
125-779A-26R-3W, 50-52	335	38.178	0.3055	0.75789	39.0858	7.55007	0.12762	0.02871	b.d.	b.d.	0.10323	0.12549	0.00908	0.04991	b.d.	b.d.	0.24649	86.56779
125-779A-26R-3W, 50-52	336	42.6366	0.09817	0.06878	37.49	5.41241	b.d.	0.04019	0.02782	0.01958	0.41041	0.07625	b.d.	0.02852	b.d.	b.d.	0.08609	86.39482
125-779A-26R-3W, 50-52	337	42.7904	0.1156	0.0883	34.8357	5.5347	b.d.	0.03745	0.02445	0.00875	0.35976	0.07599	0.0062	0.03922	b.d.	b.d.	0.08855	84.00507
125-779A-26R-3W, 50-52	338	42.3157	0.13591	0.11393	36.322	5.95755	b.d.	0.0448	0.04868	0.01089	0.27757	0.10366	0.00251	0.0392	0.03555	0.00141	0.09308	85.50244
125-779A-26R-3W, 50-52	339	42.3363	0.12655	0.08759	37.6421	5.80709	b.d.	0.01467	b.d.	0.01086	0.50463	0.12442	b.d.	0.02493	0.03958	b.d.	0.09706	86.81578
125-779A-26R-3W, 50-52	340	41.5596	0.06706	b.d.	39.4457	4.14349	b.d.	0.00968	0.02805	b.d.	0.3976	0.01531	0.00659	0.02325	0.00628	b.d.	0.03001	85.73262
125-779A-26R-3W, 50-52	341	42.9122	0.10602	b.d.	36.465	6.06382	0.02486	0.02084	b.d.	b.d.	0.3644	0.06905	0.00599	0.02407	0.00209	0.02239	0.0392	86.11993
125-779A-26R-3W, 50-52	342	42.0487	0.12944	b.d.	37.866	5.8741	b.d.	0.03244	b.d.	0.01306	0.29747	0.12412	0.00406	0.02408	0.01044	b.d.	0.06011	86.48402
125-779A-26R-3W, 50-52	343	42.4548	0.09872	0.013	37.1277	6.15134	b.d.	0.01043	0.00694	b.d.	0.3761	0.13792	0.00251	0.01515	b.d.	b.d.	0.04664	86.44125
125-779A-26R-3W, 50-52	344	42.389	0.07749	0.00317	35.59	6.95186	b.d.	0.00681	0.00692	b.d.	0.38845	0.16975	b					

Table DR1: Electron microprobe analysis of serpentinized peridotite from ODP Leg 147

Leg, hole, core, interval (cm)	analysis #	MgO wt.%	CaO wt.%	Al2O3 wt.%	SiO2 wt.%	FeO wt.%	TiO2 wt.%	Na2O wt.%	Cr2O3 wt.%	CoO wt.%	NiO wt.%	MnO wt.%	K2O wt.%	SO3 wt.%	Cu2O wt.%	F wt.%	Cl wt.%	Sum wt.%
147-895D-2R-1W, 29-31	1	47.9954	0.44705	0.04048	4.15371	20.182	0.01318	b.d.	b.d.	0.06939	0.61888	0.73407	0.00458	0.14949	b.d.	b.d.	2.29898	76.707
147-895D-2R-1W, 29-31	2	43.853	0.17336	0.06122	24.411	13.3789	b.d.	0.01971	0.01012	0.00217	0.45714	0.25852	b.d.	0.22413	0.02294	b.d.	0.90164	83.774
147-895D-2R-1W, 29-31	3	40.7342	0.07608	0.0297	38.7541	5.26607	b.d.	0.00981	0.02095	0.05022	0.42818	0.11047	0.00213	0.07596	0.02723	0.01133	0.248	85.844
147-895D-2R-1W, 29-31	4	40.655	0.08254	0.01402	39.9934	4.84854	0.02925	0.01708	0.0035	b.d.	0.46059	0.05791	b.d.	0.06086	b.d.	b.d.	0.18122	86.404
147-895D-2R-1W, 29-31	5	43.7889	0.15757	0.02898	26.6244	13.2797	b.d.	0.03389	b.d.	0.02374	0.4268	0.28501	0.00326	0.23452	b.d.	b.d.	1.00288	85.890
147-895D-2R-1W, 29-31	6	40.525	0.10313	0.04161	36.8757	6.26921	b.d.	0.04279	0.00348	0.01746	0.4283	0.12044	0.00718	0.18628	0.11102	b.d.	0.55724	85.289
147-895D-2R-1W, 29-31	7	42.1032	0.10191	0.03524	31.4042	9.59518	0.03882	0.01399	0.01713	b.d.	0.46546	0.22992	0.00251	0.23714	b.d.	b.d.	0.70996	84.955
147-895D-2R-1W, 29-31	8	47.2827	0.26711	0.03901	15.7036	16.3447	b.d.	b.d.	0.00666	0.02164	0.62675	0.42478	b.d.	0.23551	b.d.	b.d.	0.73337	81.686
147-895D-2R-1W, 29-31	9	51.322	0.3473	0.03207	7.53305	19.7725	b.d.	b.d.	0.02297	0.03245	0.39062	0.79256	b.d.	0.14948	b.d.	b.d.	0.33532	80.730
147-895D-2R-1W, 29-31	10	42.2026	0.07375	b.d.	40.9793	3.74722	b.d.	0.01385	b.d.	0.02846	0.39645	0.02669	b.d.	0.06297	0.01259	b.d.	0.08398	87.628
147-895D-2R-1W, 29-31	11	41.5191	0.06386	0.00195	39.8867	4.12128	0.0709	b.d.	b.d.	0.01752	0.34794	0.06344	0.00584	0.05386	0.02941	b.d.	0.14177	86.324
147-895D-2R-1W, 29-31	12	44.3167	0.14575	0.05715	28.2939	11.8718	0.00703	0.02001	b.d.	0.01084	0.49108	0.16525	b.d.	0.16802	0.01876	b.d.	0.55782	86.124
147-895D-2R-1W, 29-31	13	48.3966	0.27311	0.04701	9.1569	22.5382	b.d.	b.d.	0.0097	0.0687	0.46261	0.58132	b.d.	0.21278	b.d.	b.d.	0.91401	82.661
147-895D-2R-1W, 29-31	14	49.0491	0.33304	0.03881	9.11205	20.6525	b.d.	b.d.	0.02283	b.d.	1.27749	0.50808	b.d.	0.43516	0.03944	b.d.	0.84604	82.315
147-895D-2R-1W, 29-31	15	47.8203	0.02128	0.01281	25.9819	10.7825	b.d.	0.00317	0.01022	0.04122	0.30123	0.23883	b.d.	0.16979	0.00417	b.d.	0.33104	85.718
147-895D-2R-1W, 29-31	16	47.7938	0.25133	0.0415	13.8771	19.0108	b.d.	b.d.	0.01315	0.01938	0.46926	0.47344	0.00019	0.22943	0.0415	b.d.	1.10688	83.328
147-895D-2R-1W, 29-31	17	49.0585	0.3887	0.0162	6.42014	21.1445	b.d.	b.d.	0.05185	0.60498	0.60775	b.d.	0.13154	0.07712	b.d.	0.49093	78.992	
147-895D-2R-1W, 29-31	18	40.5178	0.08383	0.01742	34.1884	8.3451	b.d.	0.0379	b.d.	0.03486	0.45426	0.17336	0.00484	0.21573	0.01046	b.d.	0.66429	84.748
147-895D-2R-1W, 29-31	19	45.2429	0.15428	b.d.	20.6227	15.2409	b.d.	0.03998	b.d.	0.04537	0.57891	0.39648	0.00919	0.3164	b.d.	b.d.	1.26609	83.913
147-895D-2R-1W, 29-31	20	45.9174	0.17857	0.00921	19.7929	16.2714	0.02918	0.04353	0.01995	0.03881	0.48135	0.38133	0.00458	0.30833	b.d.	b.d.	1.09632	84.573
147-895D-2R-1W, 29-31	21	41.8629	0.08808	0.00714	34.9698	7.95215	0.06864	0.03818	b.d.	0.03912	0.49752	0.14443	b.d.	0.17683	0.03756	b.d.	0.56254	86.445
147-895D-2R-1W, 29-31	22	45.6866	0.20093	0.00293	18.2813	16.0863	0.00974	0.02416	b.d.	0.06914	0.42785	0.36758	0.00707	0.31385	0.02288	b.d.	1.19773	82.698
147-895D-2R-1W, 29-31	23	43.3137	0.17375	0.01778	12.4036	19.1114	b.d.	0.0063	0.02972	0.03256	0.54822	0.44062	0.01223	0.29297	b.d.	0.01061	1.20654	77.600
147-895D-2R-1W, 29-31	24	45.3764	0.12971	0.01172	19.1207	16.6571	b.d.	0.03636	b.d.	b.d.	0.56774	0.46586	b.d.	0.28153	0.00207	b.d.	1.19792	83.847
147-895D-2R-1W, 29-31	25	42.1533	0.08093	0.00755	34.9761	8.58451	b.d.	0.01817	b.d.	0.00217	0.38968	0.18854	0.00135	0.18827	b.d.	b.d.	0.46837	87.059
147-895D-2R-1W, 29-31	26	41.163	0.04594	b.d.	39.5378	5.18055	b.d.	0.0122	0.03142	0.01963	0.34256	0.08047	0.00252	0.13146	0.00418	b.d.	0.19478	86.747
147-895D-2R-1W, 29-31	27	42.7888	0.05197	0.01239	32.2699	9.12329	b.d.	0.00063	b.d.	b.d.	0.62543	0.22525	b.d.	0.17771	b.d.	b.d.	0.97615	86.252
147-895D-2R-1W, 29-31	28	41.121	0.04838	0.00467	40.1352	4.31827	0.04637	0.02967	b.d.	0.00218	0.38523	0.08517	0.00892	0.09572	0.00419	b.d.	0.16561	86.451
147-895D-2R-1W, 29-31	29	40.7728	0.04178	0.02332	40.3678	4.37934	0.05854	0.01273	b.d.	b.d.	0.30033	0.06195	0.00757	0.06177	0.01047	b.d.	0.12817	86.227
147-895D-2R-1W, 29-31	30	41.2755	0.05359	0.01556	40.5138	4.25327	b.d.	0.01148	0.04553	b.d.	0.37494	b.d.	0.00369	0.07787	0.00628	0.01702	0.12786	86.776
147-895D-2R-1W, 29-31	31	40.7179	0.07583	0.00117	37.8008	5.6154	0.01353	0.01416	0.01744	0.03929	0.44229	0.14569	0.01202	0.15786	b.d.	b.d.	0.40834	85.462
147-895D-2R-1W, 29-31	32	39.878	0.10665	0.00431	36.2855	6.47187	b.d.	0.00685	b.d.	0.04147	0.45668	0.13305	0.00542	0.18314	b.d.	b.d.	0.58376	84.157
147-895D-2R-1W, 29-31	33	40.5208	0.10682	0.01														

147-895D-2R-1W, 29-31	48	45.1976	0.20874	0.01717	18.0077	17.2071	0.00415	0.01219	0.00661	0.02366	0.66343	0.35937	b.d.	0.39193	0.04765	b.d.	1.21397	83.361
147-895D-2R-1W, 29-31	49	41.9896	0.27744	0.04337	8.30152	25.0398	0.01434	0.00368	0.02883	0.03226	0.52453	0.95005	0.00113	0.17202	0.01662	b.d.	0.7271	78.122
147-895D-2R-1W, 29-31	50	42.0374	0.02954	0.01836	40.1652	4.1851	0.04643	0.02836	b.d.	b.d.	0.32874	0.04663	b.d.	0.04573	0.01676	b.d.	0.11743	87.066
147-895D-2R-1W, 29-31	51	41.3024	0.04031	0.03678	39.2994	5.48925	0.03844	0.00061	0.05926	b.d.	0.42148	0.10967	b.d.	0.11178	b.d.	b.d.	0.30858	87.218
147-895D-2R-1W, 29-31	52	41.341	0.03557	0.00311	40.8487	4.03208	b.d.	0.02776	b.d.	0.02184	0.36923	0.08256	0.00408	0.06454	b.d.	b.d.	0.09797	86.928
147-895D-2R-1W, 29-31	53	41.5525	0.06143	0.02073	39.243	5.01027	b.d.	b.d.	0.03495	b.d.	0.41173	0.03527	b.d.	0.07694	b.d.	b.d.	0.22775	86.675
147-895D-2R-1W, 29-31	54	46.2079	0.22891	0.04839	15.0068	18.3513	b.d.	0.01576	0.01979	0.08203	0.43598	0.48631	b.d.	0.19749	b.d.	b.d.	0.9003	81.981
147-895D-2R-1W, 29-31	55	48.8085	0.32166	0.02344	8.99823	19.4064	b.d.	b.d.	0.07346	0.89133	0.63561	0.00361	0.14908	b.d.	b.d.	0.80821	80.120	
147-895D-2R-1W, 29-31	56	46.7611	0.34346	0.03027	8.99108	21.6681	b.d.	b.d.	0.06462	0.49227	0.7151	b.d.	0.12961	0.02909	b.d.	0.84882	80.074	
147-895D-2R-1W, 29-31	57	47.3131	0.35691	0.02639	2.48983	23.106	0.01583	b.d.	0.00972	0.0866	0.51745	0.9842	b.d.	0.11616	0.05016	b.d.	0.87516	75.948
147-895D-2R-1W, 29-31	58	44.7686	0.21258	0.03541	16.632	17.7629	0.03681	0.00137	b.d.	0.03895	0.40256	0.61357	b.d.	0.15088	0.00208	b.d.	0.66952	81.327
147-895D-2R-1W, 29-31	59	47.264	0.32385	0.00958	6.57851	21.5074	b.d.	b.d.	0.03248	0.38737	0.7249	0.00761	0.09251	0.01045	b.d.	0.7787	77.717	
147-895D-2R-1W, 29-31	60	48.4994	0.33076	0.01146	3.51879	24.3836	b.d.	0.0065	b.d.	0.02366	0.48602	0.85965	0.01323	0.13067	b.d.	b.d.	0.98285	79.247
147-895D-2R-1W, 29-31	61	47.4819	0.3723	0.04077	11.764	19.1216	b.d.	0.00138	0.04604	0.0259	0.56928	0.60659	0.00057	0.15352	b.d.	b.d.	1.03675	81.221
147-895D-2R-1W, 29-31	62	48.6591	0.42759	0.04236	6.15747	21.5681	b.d.	0.05082	0.03583	b.d.	0.59969	0.67378	b.d.	0.13103	0.05615	b.d.	1.45941	79.861
147-895D-2R-1W, 29-31	63	40.4948	0.0859	0.05698	36.2098	6.32799	b.d.	0.00746	0.03134	b.d.	0.46328	0.11856	b.d.	0.12028	0.03984	b.d.	0.46339	84.420
147-895D-2R-1W, 29-31	64	47.9954	0.44705	0.04048	4.15371	20.182	0.01318	b.d.	b.d.	0.06939	0.61888	0.73407	0.00458	0.14949	b.d.	b.d.	2.29898	76.707
147-895D-2R-1W, 29-31	65	43.853	0.17336	0.06122	24.411	13.3789	b.d.	0.01971	0.01012	0.00217	0.45714	0.25852	b.d.	0.22413	0.02294	b.d.	0.90164	83.774
147-895D-2R-1W, 29-31	66	40.7342	0.07608	0.0297	38.7541	5.26607	b.d.	0.00981	0.02095	0.05022	0.42818	0.11047	0.00213	0.07596	0.02723	0.01133	0.248	85.844
147-895D-2R-1W, 29-31	67	40.655	0.08254	0.01402	39.9934	4.84854	0.02925	0.01708	0.0035	b.d.	0.46059	0.05791	b.d.	0.06086	b.d.	b.d.	0.18122	86.404
147-895D-2R-1W, 29-31	68	43.7889	0.15757	0.02898	26.6244	13.2797	b.d.	0.03389	b.d.	0.02374	0.4268	0.28501	0.00326	0.23452	b.d.	b.d.	1.00288	85.890
147-895D-2R-1W, 29-31	69	40.525	0.10313	0.04161	36.8757	6.26921	b.d.	0.04279	0.00348	0.01746	0.4283	0.12044	0.00718	0.18628	0.11102	b.d.	0.55724	85.289
147-895D-2R-1W, 29-31	70	42.1032	0.10191	0.03524	31.4042	9.59518	0.03882	0.01399	0.01713	b.d.	0.46546	0.22992	0.00251	0.23714	b.d.	b.d.	0.70996	84.955
147-895D-2R-1W, 29-31	71	47.2827	0.26711	0.03901	15.7036	16.3447	b.d.	b.d.	0.00666	0.02164	0.62675	0.42478	b.d.	0.23551	b.d.	b.d.	0.73337	81.686
147-895D-2R-1W, 29-31	72	51.322	0.3473	0.03207	7.53305	19.7725	b.d.	b.d.	0.02297	0.03245	0.39062	0.79256	b.d.	0.14948	b.d.	b.d.	0.33532	80.730
147-895D-2R-1W, 29-31	73	42.2026	0.07375	b.d.	40.9793	3.74722	b.d.	0.01385	b.d.	0.02846	0.39645	0.02669	b.d.	0.06297	0.01259	b.d.	0.08398	87.628
147-895D-2R-1W, 29-31	74	41.5191	0.06386	0.00195	39.8867	4.12128	0.0709	b.d.	b.d.	0.01752	0.34794	0.06344	0.00584	0.05386	0.02941	b.d.	0.14177	86.324
147-895D-2R-1W, 29-31	75	44.3167	0.14575	0.05715	28.2939	11.8718	0.00703	0.02001	b.d.	0.01084	0.49108	0.16525	b.d.	0.16802	0.01876	b.d.	0.55782	86.124
147-895D-2R-1W, 29-31	76	48.3966	0.27311	0.04701	9.1569	22.5382	b.d.	b.d.	0.0097	0.0687	0.46261	0.58132	b.d.	0.21278	b.d.	b.d.	0.91401	82.661
147-895D-2R-1W, 29-31	77	49.0491	0.33304	0.03881	9.11205	20.6525	b.d.	b.d.	0.02283	b.d.	1.27749	0.50808	b.d.	0.43516	0.03944	b.d.	0.84604	82.315
147-895D-2R-1W, 29-31	78	47.8203	0.02128	0.01281	25.9819	10.7825	b.d.	0.00317	0.01022	0.04122	0.30123	0.23883	b.d.	0.16979	0.00417	b.d.	0.33104	85.718
147-895D-2R-1W, 29-31	79	47.7938	0.25133	0.0415	13.8771	19.0108	b.d.	b.d.	0.01315	0.01938	0.46926	0.47344	0.00019	0.22943	0.0415	b.d.	1.10688	83.328
147-895D-2R-1W, 29-31	80	49.0585	0.3887	0.0162	6.42014	21.1445	b.d.	b.d.	0.05185	0.60498	0.60775	b.d.	0.13154	0.07712	b.d.	0.49093	78.992	
147-895D-2R-1W, 29-31	81	40.5178	0.08383	0.01742	34.1884	8.3451	b.d.	0.0379	b.d.	0.03486	0.45426	0.17336	0.00484	0.21573	0			

147-895D-2R-1W, 29-31	101	46.1155	0.16564	0.00873	22.4289	14.849	b.d.	0.00858	b.d.	0.09263	0.42833	0.40059	b.d.	0.16816	b.d.	b.d.	0.60525	85.271
147-895D-2R-1W, 29-31	102	42.2466	0.04995	0.0252	36.8209	5.44074	b.d.	0.02692	b.d.	0.03712	0.31454	0.1431	0.0031	0.10083	b.d.	b.d.	0.22086	85.430
147-895D-2R-1W, 29-31	103	43.3858	0.0663	b.d.	35.6439	5.66896	0.10172	0.0104	0.02438	0.05452	0.31014	0.0924	0.00755	0.07219	b.d.	b.d.	0.18162	85.620
147-895D-2R-1W, 29-31	104	41.1842	0.05102	0.00855	40.0606	4.00704	0.02856	0.00181	0.03508	0.03057	0.31442	0.01465	b.d.	0.09481	0.00838	b.d.	0.16018	86.000
147-895D-2R-1W, 29-31	105	41.1332	0.08634	0.02608	34.4955	7.72464	b.d.	0.02505	b.d.	0.01957	0.52015	0.11537	0.0058	0.19865	0.04385	b.d.	0.75658	85.151
147-895D-2R-1W, 29-31	106	41.8505	0.09783	0.03638	30.8848	9.63083	0.04301	0.02164	0.00684	0.06293	0.47497	0.20905	b.d.	0.23382	0.05004	b.d.	1.05314	84.656
147-895D-2R-1W, 29-31	107	51.6744	0.40843	0.00743	7.68553	18.8863	b.d.	0.00616	0.00328	0.01509	0.60474	0.66673	0.00494	0.20936	0.03739	b.d.	0.87035	81.080
147-895D-2R-1W, 29-31	108	38.9422	0.0421	0.01489	34.6286	7.36473	b.d.	0.03654	0.00347	0.05892	0.59886	0.12567	0.00039	0.42423	0.01885	b.d.	1.21895	83.478
147-895D-2R-1W, 29-31	109	43.6295	0.16956	0.02349	27.6997	9.63957	0.01201	0.04086	b.d.	0.05875	0.65447	0.2035	0.0054	0.28839	b.d.	b.d.	0.86047	83.286
147-895D-2R-1W, 29-31	110	45.6249	0.27183	0.03595	10.2656	20.6068	b.d.	0.02174	b.d.	0.04098	0.52891	0.47605	0.0038	0.37371	b.d.	b.d.	1.4313	79.682
147-895D-2R-1W, 29-31	111	45.1976	0.20874	0.01717	18.0077	17.2071	0.00415	0.01219	0.00661	0.02366	0.66343	0.35937	b.d.	0.39193	0.04765	b.d.	1.21397	83.361
147-895D-7R-3W, 13-15	112	38.9354	0.04944	0.04169	41.7532	6.01537	0.01349	0.01534	0.02085	0.04133	0.05259	0.15267	0.00464	0.1269	0.03549	b.d.	0.15761	87.416
147-895D-7R-3W, 13-15	113	38.7167	0.04623	0.05402	41.2214	6.02377	0.02273	0.0086	b.d.	0.01524	0.09308	0.15473	b.d.	0.15087	b.d.	b.d.	0.16629	86.674
147-895D-7R-3W, 13-15	114	38.8763	0.05464	0.03862	41.2797	5.94746	0.05682	0.0172	0.07994	0.05224	0.14972	0.10024	b.d.	0.10181	b.d.	b.d.	0.17407	86.929
147-895D-7R-3W, 13-15	115	38.9899	0.12347	0.0386	41.5402	5.93687	0.03267	0.02146	b.d.	0.02393	0.10517	0.10421	b.d.	0.13844	0.01252	b.d.	0.15212	87.220
147-895D-7R-3W, 13-15	116	38.6681	0.04307	0.03668	41.1838	5.97211	0.04195	0.01045	0.06611	b.d.	0.09926	0.07844	b.d.	0.15814	0.023	b.d.	0.16592	86.547
147-895D-7R-3W, 13-15	117	38.5591	0.0414	0.04979	41.244	6.30269	b.d.	b.d.	0.02775	b.d.	0.21031	0.13866	0.00193	0.15439	b.d.	b.d.	0.17294	86.903
147-895D-7R-3W, 13-15	118	39.0929	0.05518	0.0432	41.8171	5.87796	0.07377	0.00919	0.05902	0.03477	0.17373	0.08617	0.00329	0.13661	b.d.	b.d.	0.14403	87.607
147-895D-7R-3W, 13-15	119	39.0382	0.04536	0.0502	41.3939	6.06993	0.01914	0.01781	0.16301	0.06083	0.17774	0.1186	0.01295	0.15793	b.d.	b.d.	0.16047	87.486
147-895D-7R-3W, 13-15	120	39.2433	0.05376	0.04056	41.7779	6.16271	0.05671	b.d.	0.07975	b.d.	0.16357	0.05235	0.00618	0.13485	0.03751	b.d.	0.13525	87.944
147-895D-7R-3W, 13-15	121	38.7797	0.03937	0.04284	41.7983	6.35797	0.06593	0.00985	b.d.	b.d.	0.25857	0.05434	0.00309	0.13395	b.d.	b.d.	0.09809	87.642
147-895D-7R-3W, 13-15	122	41.9211	0.02786	0.01787	41.0742	3.9168	0.01923	0.03058	0.0315	0.01524	0.31149	0.04051	0.00097	0.06622	b.d.	b.d.	0.07216	87.546
147-895D-7R-3W, 13-15	123	42.0633	0.03828	b.d.	39.9578	4.09964	0.09046	b.d.	0.08749	0.03705	0.39064	0.09565	b.d.	0.06795	b.d.	0.03964	0.10082	87.069
147-895D-7R-3W, 13-15	124	36.4815	0.01492	0.05865	38.068	10.1819	0.00281	0.00128	0.0887	0.04116	0.20382	0.17578	0.00808	0.1835	0.02706	b.d.	0.34775	85.885
147-895D-7R-3W, 13-15	125	36.6976	0.02109	0.01474	38.2728	10.0687	0.04503	0.00319	0.02389	0.01516	0.19362	0.10901	b.d.	0.18607	b.d.	b.d.	0.53109	86.182
147-895D-7R-3W, 13-15	126	35.5268	0.02411	0.01664	37.4748	9.92313	b.d.	0.03146	0.04105	0.05863	0.15168	0.10862	0.00751	0.20092	b.d.	0.01822	0.48438	84.068
147-895D-7R-3W, 13-15	127	41.4626	0.07008	0.01599	39.2761	4.92141	0.02703	0.01944	b.d.	b.d.	0.36419	0.10621	0.0089	0.08657	0.03759	b.d.	0.13475	86.531
147-895D-7R-3W, 13-15	128	40.4652	0.07005	0.02102	40.182	6.49951	0.05167	0.01843	0.00692	0.00217	0.35499	0.12503	b.d.	0.15425	b.d.	b.d.	0.24435	88.196
147-895D-7R-3W, 13-15	129	41.0685	0.21747	0.03406	15.0867	23.1505	b.d.	0.01291	b.d.	0.01925	0.6994	0.64872	0.00547	0.25708	b.d.	b.d.	0.74509	81.945
147-895D-7R-3W, 13-15	130	41.3516	0.26612	0.01193	11.0549	26.0895	b.d.	0.03378	0.06349	0.05761	0.46646	0.89905	b.d.	0.2284	b.d.	b.d.	0.62676	81.150
147-895D-7R-3W, 13-15	131	41.6	0.25624	0.01442	12.4898	24.2892	0.00068	0.02315	0.04484	0.08773	0.41331	0.67072	b.d.	0.21179	0.01653	b.d.	0.69816	80.817
147-895D-7R-3W, 13-15	132	41.0616	0.22487	0.01134	15.5615	22.2318	0.05891	0.02211	b.d.	0.01502	0.50247	0.72163	0.00435	0.26033	0.01035	b.d.	0.48848	81.175
147-895D-7R-3W, 13-15	133	41.385	0.12335	0.01285	30.2969	12.1171	b.d.	0.02207	b.d.	0.01727	0.5857	0.29747	0.01245	0.28174	b.d.	b.d.	0	

147-895D-7R-3W, 13-15	154	40.4718	0.09438	0.03871	34.8728	9.99414	0.07053	0.03929	0.08548	0.06296	1.19489	0.20026	b.d.	0.30177	b.d.	b.d.	0.55266	87.980
147-895D-7R-3W, 13-15	155	41.3721	0.06931	0.03018	39.676	4.9457	0.00501	0.03357	b.d.	b.d.	0.33179	0.06012	0.00701	0.08175	b.d.	b.d.	0.14549	86.758
147-895D-7R-3W, 13-15	156	41.5302	0.03047	0.00351	41.4077	3.87654	0.01506	0.00665	0.03171	b.d.	0.4357	0.06616	b.d.	0.04865	b.d.	b.d.	0.06353	87.516
147-895D-7R-3W, 13-15	157	50.5496	0.02473	0.01908	19.4001	12.6008	b.d.	0.0155	b.d.	b.d.	0.11791	0.21214	b.d.	0.07682	b.d.	b.d.	0.51865	83.535
147-895D-7R-3W, 13-15	158	41.738	0.03062	0.02237	39.6455	4.88084	0.07657	0.04204	b.d.	b.d.	0.30732	0.03406	b.d.	0.10424	0.0021	b.d.	0.09069	86.974
147-895D-7R-3W, 13-15	159	42.0756	0.05461	0.01648	39.653	4.42758	0.03509	0.04066	0.01406	b.d.	0.2829	0.05611	0.0111	0.06112	0.06933	b.d.	0.09719	86.895
147-895D-7R-3W, 13-15	160	42.2058	0.06981	0.01308	36.8631	6.35418	b.d.	0.03772	0.0349	b.d.	0.27893	0.12286	b.d.	0.06902	0.01051	b.d.	0.15094	86.211
147-895D-7R-3W, 13-15	161	39.6462	0.05717	0.02653	40.423	5.89099	b.d.	0.0173	b.d.	b.d.	0.32561	0.12283	0.00584	0.0898	b.d.	b.d.	0.16465	86.770
147-895D-7R-3W, 13-15	162	41.5164	0.05465	0.02234	39.7449	4.36652	b.d.	0.01522	0.03166	0.03289	0.39521	0.1163	b.d.	0.0863	b.d.	b.d.	0.12532	86.508
147-895D-7R-3W, 13-15	163	41.1193	0.0949	0.00967	30.488	11.3915	0.08122	0.0234	b.d.	b.d.	0.41025	0.28375	0.0058	0.21376	b.d.	b.d.	0.62884	84.750
147-895D-7R-3W, 13-15	164	40.5825	0.09361	0.03987	34.0418	9.89255	0.02902	0.01985	b.d.	b.d.	0.39779	0.23059	0.0058	0.18521	0.02303	0.00554	0.41053	85.958
147-895D-7R-3W, 13-15	165	42.7984	0.15558	0.00042	21.8871	17.6041	b.d.	0.01913	0.02986	0.04539	0.43837	0.50224	0.00938	0.21223	b.d.	b.d.	0.85452	84.557
147-895D-7R-3W, 13-15	166	41.1709	0.20902	0.01463	18.7959	20.2998	0.02628	0.03021	b.d.	0.0367	0.36573	0.51821	0.01011	0.27137	0.03955	b.d.	0.66727	82.456
147-895D-7R-3W, 13-15	167	43.5386	0.22834	0.01132	19.7313	18.4204	b.d.	0.00138	0.02313	0.0216	0.47664	0.52957	0.00936	0.21531	0.01665	b.d.	0.69012	83.914
147-895D-7R-3W, 13-15	168	44.3429	0.28706	b.d.	15.7838	20.6752	0.04207	0.02732	0.00654	0.04522	0.47373	0.55624	b.d.	0.23244	0.02077	b.d.	0.70482	83.198
147-895D-7R-3W, 13-15	169	38.9901	0.15941	0.00786	21.0449	19.1755	b.d.	0.04706	0.02643	0.03904	0.39771	0.60648	0.00134	0.12352	0.02509	b.d.	0.36972	81.014
147-895D-7R-3W, 13-15	170	42.4643	0.21279	0.01668	20.4418	17.4073	0.00837	0.01236	0.00998	b.d.	0.54542	0.44449	0.00671	0.20614	0.00418	b.d.	0.6125	82.393
147-895D-7R-3W, 13-15	171	42.9948	0.23274	0.01771	16.7153	20.1942	b.d.	0.02591	0.00656	0.03454	0.50703	0.51738	0.01106	0.24737	0.0104	b.d.	1.09409	82.609
147-895D-7R-3W, 13-15	172	43.0439	0.1532	b.d.	19.2531	20.0468	b.d.	0.01533	0.00983	0.02581	0.66015	0.53321	0.00267	0.27313	0.01244	b.d.	1.02285	85.052
147-895D-7R-3W, 13-15	173	42.3116	0.20239	0.01305	17.5599	20.6165	b.d.	0.02042	b.d.	0.02373	0.59154	0.5906	0.00781	0.26683	b.d.	b.d.	0.82622	83.031
147-895D-7R-3W, 13-15	174	40.2383	0.06679	0.02033	40.0126	4.90078	b.d.	0.01659	b.d.	0.03072	0.48527	0.08158	0.00078	0.10788	0.01473	b.d.	0.18805	86.164
147-895D-7R-3W, 13-15	175	43.2386	0.06717	0.02119	35.1241	7.67556	b.d.	0.00062	0.02425	0.0262	0.34123	0.11782	0.0033	0.02594	b.d.	b.d.	0.06467	86.731
147-895D-7R-3W, 13-15	176	41.4517	0.07504	0.01578	37.988	6.15523	b.d.	0.01113	0.02793	b.d.	0.42119	0.07873	0.00681	0.09684	b.d.	b.d.	0.20363	86.532
147-895D-7R-3W, 13-15	177	38.9208	0.07639	0.02107	39.4944	5.94685	0.00358	0.01866	0.014	0.01754	0.46887	0.09759	b.d.	0.16326	b.d.	0.01568	0.28148	85.540

b.d. = below detection

n.a. = not analyzed

Table DR1: Electron microprobe analysis of serpentinized peridotite from ODP Leg 149

Leg, hole, core, interval (cm)	analysis #	MgO wt.%	CaO wt.%	Al2O3 wt.%	SiO2 wt.%	FeO wt.%	TiO2 wt.%	Na2O wt.%	Cr2O3 wt.%	CoO wt.%	NiO wt.%	MnO wt.%	K2O wt.%	SO3 wt.%	F wt.%	Cl wt.%	Sum wt.%
149-897D-17R-6W, 1-3	1	38.715	0.03028	0.08037	38.2689	3.71971	0.1479	0.08363	0.0319	b.d.	0.10869	0.00892	0.01343	0.08125	0.01681	0.56392	81.87071
149-897D-17R-6W, 1-3	2	35.9407	0.05348	1.15975	36.0037	4.94919	0.0373	0.14111	0.74445	0.06289	0.20928	0.08563	0.02664	0.08346	0.05786	0.52318	80.07862
149-897D-17R-6W, 1-3	3	37.6018	0.03511	0.41252	37.0435	4.74311	b.d.	0.14153	0.23381	0.01322	0.16213	0.02287	0.01945	0.07031	0.06401	0.53556	81.09893
149-897D-17R-6W, 1-3	4	37.8116	0.0778	1.09564	37.8006	5.02858	b.d.	0.1019	0.68749	b.d.	0.06519	0.13864	0.01312	0.06922	b.d.	0.39818	83.28796
149-897D-17R-6W, 1-3	5	37.2681	0.0711	0.25046	33.5924	5.92308	b.d.	0.08236	0.47099	b.d.	0.37443	0.00398	0.02033	0.05993	0.05385	1.05461	79.22562
149-897D-17R-6W, 1-3	6	38.2517	0.09021	0.40954	35.0691	4.52901	0.06592	0.10959	0.30886	b.d.	0.11239	0.03984	0.03383	0.06752	0.0744	0.77186	79.93377
149-897D-17R-6W, 1-3	7	37.3334	0.05943	0.32733	39.4643	5.70322	0.10025	0.09161	0.1158	0.06563	0.20136	0.06223	0.02232	0.06235	0.02325	0.31343	83.94591
149-897D-17R-6W, 1-3	8	37.3705	0.05406	0.26397	39.9664	6.1881	b.d.	0.07673	0.0893	b.d.	0.05263	0.07407	0.02113	0.0571	0.07938	0.27699	84.57036
149-897D-17R-6W, 1-3	9	39.2422	0.03099	0.27073	38.1552	3.87973	b.d.	0.1079	b.d.	0.0033	0.16802	0.03674	0.01197	0.07835	0.13056	0.62877	82.74446
149-897D-17R-6W, 1-3	10	40.0329	0.02716	0.27818	38.5135	3.81338	b.d.	0.09279	0.04784	b.d.	0.19877	0.00297	0.01614	0.07466	0.04668	0.56961	83.71458
149-897D-17R-6W, 1-3	11	39.6581	0.03283	0.28624	38.2362	4.04562	0.02191	0.10454	0.02656	b.d.	0.0994	0.02677	0.02211	0.07883	0.15005	0.56196	83.35112
149-897D-17R-6W, 1-3	12	39.6765	0.02715	0.25897	38.4867	3.8822	b.d.	0.14928	0.0797	b.d.	0.18012	b.d.	0.00986	0.07831	0.07339	0.61824	83.52042
149-897D-17R-6W, 1-3	13	40.0688	0.02647	0.27229	39.2639	3.94607	b.d.	0.08635	0.0901	0.03941	0.11771	0.07712	b.d.	0.08147	0.1228	0.57964	84.77213
149-897D-17R-6W, 1-3	14	39.077	0.06965	0.22483	35.9246	3.71416	0.04838	0.14645	0.15474	b.d.	0.24323	0.04378	0.03324	0.10876	0.20894	0.78931	80.78707
149-897D-17R-6W, 1-3	15	39.3926	0.01265	0.27278	37.0455	3.5502	b.d.	0.13615	0.10659	0.0264	0.1525	0.02781	0.01197	0.08506	0.37533	0.68071	81.87625
149-897D-17R-6W, 1-3	16	37.5631	0.04206	0.07278	37.4257	7.11954	b.d.	0.10707	0.07323	0.00328	0.45828	0.13315	0.01219	0.06537	b.d.	0.34772	83.42347
149-897D-17R-6W, 1-3	17	39.5555	0.04094	0.03889	40.0676	4.32216	b.d.	0.0534	0.01058	b.d.	0.32842	0.06128	0.01192	0.03339	b.d.	0.13779	84.66187
149-897D-17R-6W, 1-3	18	39.6754	0.03148	0.09017	39.8807	4.38251	b.d.	0.07427	0.03173	b.d.	0.27559	0.06817	0.00149	0.04819	0.05964	0.28622	84.90556
149-897D-17R-6W, 1-3	19	39.9303	0.03525	0.06485	40.1695	4.3672	b.d.	0.07103	0.04228	0.06232	0.2692	b.d.	0.00775	0.06145	0.10899	0.29702	85.48714
149-897D-17R-6W, 1-3	20	39.7643	0.03423	0.05892	40.4276	4.86354	b.d.	0.04086	0.07372	0.10475	0.23166	0.02857	0.00625	0.04234	0.07568	0.24478	85.9972
149-897D-17R-6W, 1-3	21	39.4828	0.0374	0.08311	39.56	5.06427	0.08937	0.05146	0.01581	0.01311	0.14848	b.d.	0.00982	0.04389	0.06273	0.29273	84.95498
149-897D-17R-6W, 1-3	22	39.1857	0.0242	0.12971	39.2303	5.17883	b.d.	0.06853	0.0316	b.d.	0.3063	0.02467	0.01101	0.05867	0.0693	0.343	84.66182
149-897D-23R-1W, 17-20	23	39.7956	0.0247	0.08877	38.8032	5.06191	0.13113	0.08266	0.00524	0.088	0.28299	0.03139	0.00829	0.06936	b.d.	0.49038	84.96362
149-897D-23R-1W, 17-20	24	39.831	0.02595	0.08628	39.4676	4.84078	b.d.	0.04173	b.d.	0.01304	0.3229	0.09122	0.01214	0.0589	b.d.	0.45927	85.25081
149-897D-23R-1W, 17-20	25	39.7345	0.03374	0.08465	39.0016	5.43048	0.15807	0.07962	b.d.	0.02931	0.27048	0.02647	0.00355	0.15709	0.03594	0.558	85.6035
149-897D-23R-1W, 17-20	26	40.0279	0.01721	0.04233	39.3092	4.73952	0.0716	0.03652	b.d.	0.0946	0.28626	0.05399	b.d.	0.03948	b.d.	0.38238	85.10099
149-897D-23R-1W, 17-20	27	38.7696	0.04317	0.14474	38.0837	5.67895	0.05312	0.06675	0.00523	b.d.	0.50534	0.10213	0.00533	0.08722	0.03613	0.47336	84.05477
149-897D-23R-1W, 17-20	28	39.8445	0.01877	0.24259	38.8415	5.0463	0.01844	0.03758	0.01573	0.00978	0.23691	b.d.	0.00326	0.07935	0.08838	0.7729	85.25599
149-897D-23R-1W, 17-20	29	39.2086	0.04847	0.11521	38.5385	5.60688	b.d.	0.15152	0.02616	b.d.	0.31998	0.09223	0.01629	0.09872	b.d.	0.68005	84.90261
149-897D-23R-1W, 17-20	30	38.8142	0.0404	0.18728	38.2454	5.50364	b.d.	0.10216	b.d.	0.01633	0.22196	b.d.	b.d.	0.12081	0.04273	0.66613	83.96104
149-897D-23R-1W, 17-20	31	41.6697	0.04496	0.50355	38.5358	4.92546	0.02596	0.09595	0.00523	b.d.	0.13489	0.05969	0.01863	0.17478	0.0324	0.98827	87.21527
149-897D-23R-1W, 17-20	32	40.1849	0.02187	0.17733	40.0733	5.11939	b.d.	0.04892	0.01047	0.03254	0.2457	0.00098	b.d.	0.05368	b.d.	0.50603	86.47511
149-897D-23R-1W, 17-20	33	40.4201	0.0075	0.13218	40.073	4.83947	b.d.										

149-897D-23R-1W, 17-20	44	41.7184	0.0254	0.43539	37.2951	3.7025	b.d.	0.03087	b.d.	0.03589	0.36926	0.07463	0.00148	0.37883	b.d.	1.30005	85.3678
149-897D-23R-1W, 17-20	45	38.5435	0.03557	0.1108	39.4175	6.2444	b.d.	0.09307	0.00521	0.0911	0.23347	0.11065	b.d.	0.06827	0.02283	0.48192	85.45829
149-897D-23R-1W, 17-20	46	39.8846	0.03717	0.09093	40.1624	5.1373	0.07792	0.06361	b.d.	0.00325	0.30706	0.0764	0.00296	0.09785	b.d.	0.46502	86.40647
149-897D-23R-1W, 17-20	47	41.1621	0.0464	0.2609	36.2748	4.72783	b.d.	0.09152	0.02104	0.02613	0.14176	0.05802	b.d.	0.08282	b.d.	1.3162	84.20952
149-897D-23R-1W, 17-20	48	38.1755	0.05259	1.51109	30.4502	7.89431	b.d.	0.08228	0.04684	b.d.	0.27792	0.04132	0.00534	0.44745	b.d.	1.69037	80.67521
149-897D-23R-1W, 17-20	49	35.5665	0.02578	1.53188	27.9872	8.17703	0.00218	0.0232	b.d.	b.d.	0.47561	0.09203	0.01101	0.62943	b.d.	1.83055	76.3524
149-897D-23R-1W, 17-20	50	39.2101	0.01718	1.37965	32.8445	7.5473	b.d.	0.0407	b.d.	b.d.	0.35066	0.00784	0.00799	0.27344	b.d.	1.6483	83.32766
149-897D-23R-1W, 17-20	51	41.2084	0.01037	0.45553	35.1176	4.15654	0.02944	0.0591	0.02642	b.d.	0.06797	0.01973	0.00536	0.07123	0.02642	1.65001	82.90412
149-897D-23R-1W, 17-20	52	42.9847	0.03729	0.26215	39.9009	3.06891	b.d.	0.05665	b.d.	b.d.	0.01536	0.00098	0.01662	0.06323	b.d.	0.93284	87.33963
149-897D-23R-1W, 17-20	53	43.3108	0.02777	0.22177	36.3804	5.3049	0.11667	0.06079	0.03133	0.03245	0.00919	0.0743	b.d.	0.13439	0.05148	1.72137	87.47761
149-897D-23R-1W, 17-20	54	39.4827	0.03051	0.24643	34.2053	4.97143	b.d.	0.08747	0.07915	b.d.	0.11768	0.0336	b.d.	0.12343	0.04318	1.51474	80.93562
149-897D-23R-1W, 17-20	55	39.7167	0.03345	0.0435	39.4214	5.46832	b.d.	0.08482	b.d.	0.01303	0.20608	0.05102	b.d.	0.08523	b.d.	0.46595	85.5895
149-897D-23R-1W, 17-20	56	39.8595	0.03313	0.04696	40.1728	5.07976	b.d.	0.05741	0.06807	0.00651	0.34724	0.02646	0.01865	0.05528	0.00654	0.42204	86.20035
149-897D-23R-1W, 17-20	57	39.865	0.03813	0.03996	39.9074	5.20115	b.d.	0.05541	b.d.	b.d.	0.36583	0.02451	b.d.	0.04528	b.d.	0.39416	85.93683
149-897D-23R-1W, 17-20	58	39.9396	0.04907	0.03347	40.0732	4.99217	0.06283	0.04382	b.d.	0.06513	0.3196	0.03528	0.01361	0.07264	0.01308	0.40866	86.12216
149-897D-23R-1W, 17-20	59	40.0785	0.02564	0.04467	39.8154	4.95453	0.0607	0.06153	b.d.	b.d.	0.3475	0.01766	0.01155	0.06687	b.d.	0.405	85.88955
149-897D-23R-1W, 17-20	60	39.96	0.03696	0.03467	39.3342	4.59427	0.05106	0.04378	b.d.	b.d.	0.3235	0.03735	0.00593	0.10374	b.d.	0.42674	84.9522
149-897D-23R-1W, 17-20	61	40.0498	0.02002	0.03992	40.1331	4.66853	0.11281	0.03745	b.d.	0.04239	0.23688	0.07459	0.00089	0.05795	b.d.	0.36385	85.83818
149-897D-23R-1W, 17-20	62	40.3359	0.00908	0.04759	40.1167	4.35428	0.07168	0.05292	0.03156	0.03916	0.25554	0.03929	b.d.	0.03427	b.d.	0.38519	85.77316
149-897D-23R-1W, 17-20	63	39.4843	0.02158	0.13155	39.2375	5.40168	b.d.	0.08484	b.d.	0.0163	0.15081	0.06088	0.01155	0.08153	b.d.	0.49693	85.17945
149-897D-23R-1W, 17-20	64	39.8024	0.04254	0.07517	39.7642	4.95829	0.03036	0.08142	b.d.	0.01304	0.25846	0.10699	0.00533	0.06792	b.d.	0.38745	85.59357
149-897D-23R-1W, 17-20	65	39.8061	b.d.	0.0616	40.3707	4.86195	b.d.	0.04272	b.d.	0.02934	0.2492	0.07066	0.00504	0.05007	b.d.	0.35054	85.89792
149-897D-23R-1W, 17-20	66	39.9365	0.02943	0.04987	40.1657	4.55622	0.03149	0.04886	0.0368	b.d.	0.21555	0.04323	0.00978	0.04691	b.d.	0.37095	85.54129
149-897D-23R-1W, 17-20	67	44.0201	0.03436	0.42901	36.5688	4.79329	0.01623	0.07361	0.00523	0.00649	b.d.	0.03228	0.00237	0.11783	b.d.	1.70274	87.80234
149-897D-23R-1W, 17-20	68	44.0564	0.02745	0.37932	37.2417	4.97543	0.03889	0.05723	0.03657	b.d.	b.d.	b.d.	0.00473	0.12048	0.04486	1.68142	88.66448
149-897D-23R-1W, 17-20	69	44.0617	0.03623	0.39751	36.9098	4.72822	0.03678	0.07666	0.01047	0.02273	b.d.	0.07728	0.00651	0.10482	0.02252	1.61919	88.11042
149-897D-23R-1W, 17-20	70	43.7518	0.02001	0.36269	36.8913	4.53122	0.10506	0.09308	b.d.	0.013	0.02453	0.0901	b.d.	0.1169	0.02261	1.65336	87.67566
149-897D-23R-1W, 17-20	71	44.1249	0.03998	0.42794	36.9217	4.86755	b.d.	0.06542	b.d.	0.03245	0.01531	0.08505	b.d.	0.11316	b.d.	1.83348	88.52694
149-897D-23R-1W, 17-20	72	43.7372	0.01188	0.50906	36.835	4.51123	0.00866	0.05927	b.d.	0.05522	0.06129	0.03914	b.d.	0.10373	0.00322	1.78615	87.72105
149-897D-23R-1W, 17-20	73	43.4246	0.01343	0.67316	35.2784	5.34018	0.02919	0.07222	0.04179	0.06493	0.10417	0.06552	b.d.	0.17922	0.05136	2.1548	87.49297
149-897D-23R-1W, 17-20	74	43.3905	0.02441	0.3927	36.6814	4.65766	b.d.	0.05535	b.d.	b.d.	0.02763	0.0049	0.00237	0.13733	b.d.	1.78026	87.15451
149-897D-23R-1W, 17-20	75	43.4978	0.02721	0.38987	37.4227	4.51559	b.d.	0.06541	b.d.	0.013	0.0276	b.d.	b.d.	0.1217	b.d.	1.66382	87.7447
149-897D-23R-1W, 17-20	76	39.6674	0.00345	2.0818	33.7812	6.13623	0.00651	0.0359	0.01047	b.d.	0.04629	b.d.	b.d.	0.04659	b.d.	1.27902	83.09486
149-897D-23R-1W, 17-20	77	39.4527	0.00407	2.08768	33.5536	6.52829	b.d.	0.02441	0.01045	b.d.	0.21587	0.0059	b.d.	0.25217	b.d.	1.20911	83.34425
149-897D-23R-1W, 17-20	78	39.7748	0.02244	0.58271													

149-897D-24R-3W, 103-106	93	39.9335	0.02411	0.03876	41.0312	4.93416	b.d.	0.05209	0.01575	b.d.	0.19088	0.07171	0.00119	0.07026	0.00656	0.12115	86.49132
149-897D-24R-3W, 103-106	94	40.1584	0.03226	0.06227	41.0363	4.67906	0.1325	0.04574	0.02103	b.d.	0.16632	0.05406	0.00564	0.05708	0.01971	0.12082	86.59119
149-897D-24R-3W, 103-106	95	40.5163	0.03192	0.01	41.1329	4.98016	b.d.	0.04883	0.06296	0.00978	0.12616	0.00491	0.00534	0.05814	b.d.	0.10123	87.08863
149-897D-24R-3W, 103-106	96	40.2692	0.02542	0.06465	40.4145	4.33209	0.05333	0.10781	0.01581	0.01308	0.09563	0.04628	0.00594	0.16803	0.01318	0.25681	85.88176
149-897D-24R-3W, 103-106	97	37.7977	0.0155	0.0977	38.073	3.40305	0.03517	0.0765	b.d.	0.01652	0.07789	b.d.	0.00239	0.07444	b.d.	0.53738	80.20724
149-897D-24R-3W, 103-106	98	37.6122	0.01714	0.09834	37.0774	2.74451	b.d.	0.08692	b.d.	b.d.	0.05629	0.00599	b.d.	0.08187	b.d.	0.64298	78.42364
149-897D-24R-3W, 103-106	99	38.2366	0.02744	0.08852	38.4067	4.03717	b.d.	0.05987	0.02654	0.08888	0.11179	0.09709	0.00119	0.08126	0.01679	0.54585	81.82569

b.d. = below detection

n.a. = not analyzed

Table DR1: Electron microprobe analysis of serpentinized peridotite from ODP Leg 153

Leg, hole, core, interval (cm)	analysis #	MgO wt.%	CaO wt.%	Al2O3 wt.%	SiO2 wt.%	FeO wt.%	TiO2 wt.%	Na2O wt.%	Cr2O3 wt.%	CoO wt.%	NiO wt.%	MnO wt.%	K2O wt.%	SO3 wt.%	F wt.%	Cl wt.%	sum wt.%
153-920B-1W-3W, 64-66	1	34.5071	0.06179	0.01289	36.6417	8.81231	0.01834	0.09936	0.01035	0.03588	0.66299	0.15794	0.01359	0.2436	b.d.	0.48826	81.7661
153-920B-1W-3W, 64-66	2	33.1202	0.05493	0.00528	34.034	9.84862	0.13695	0.15174	b.d.	0.00653	1.02178	0.09026	0.02542	0.36982	b.d.	1.01437	79.8799
153-920B-1W-3W, 64-66	3	33.351	0.04654	0.01053	35.1557	9.35938	b.d.	0.10369	b.d.	0.00653	0.85493	0.06968	0.01982	0.2932	b.d.	1.09336	80.36436
153-920B-1W-3W, 64-66	4	38.5437	0.03915	0.29682	39.3665	4.74353	b.d.	0.01577	0.07358	0.01307	0.43174	0.08554	0.00385	0.06898	0.05956	0.10676	83.84855
153-920B-1W-3W, 64-66	5	38.5962	0.02189	0.19768	39.5573	4.80333	0.00434	0.02941	b.d.	0.04567	0.5233	0.06868	0.01628	0.0852	0.0033	0.0856	84.03818
153-920B-1W-3W, 64-66	6	39.9345	0.02824	0.95036	41.0395	2.04885	0.08397	0.0356	b.d.	0.03597	0.19417	0.05709	b.d.	0.07282	b.d.	0.11768	84.59875
153-920B-1W-3W, 64-66	7	39.7587	0.03234	0.87176	40.6726	1.9824	b.d.	0.01224	b.d.	0.06219	0.28998	0.0325	0.00208	0.0612	b.d.	0.13417	83.91216
153-920B-1W-3W, 64-66	8	39.9428	0.02449	0.88538	40.643	2.02409	b.d.	0.0346	0.06378	b.d.	0.14499	0.07981	0.01129	0.07123	0.00669	0.11731	84.04946
153-920B-1W-3W, 64-66	9	32.9726	0.04981	0.00472	34.09	10.207	b.d.	0.10647	0.03619	b.d.	1.04465	0.07781	0.01484	0.29418	0.01642	0.91739	79.83208
153-920B-1W-3W, 64-66	10	32.0534	0.03485	b.d.	35.9974	10.3519	b.d.	0.07711	b.d.	b.d.	0.18184	0.07847	0.00825	0.26831	0.00657	0.42139	79.47949
153-920B-1W-3W, 64-66	11	32.6822	0.02766	0.01801	36.3985	10.0029	b.d.	0.08231	0.00514	0.03902	0.31066	0.15756	0.01384	0.38788	b.d.	0.41226	80.53794
153-920B-1W-3W, 64-66	12	36.2611	0.02865	0.04768	39.1835	6.96698	b.d.	0.05458	b.d.	b.d.	0.24877	0.12039	0.00295	0.13289	b.d.	0.24048	83.28797
153-920B-1W-3W, 64-66	13	32.0232	0.03826	b.d.	34.7287	10.7336	b.d.	0.11463	b.d.	0.05532	0.46801	0.07147	0.00943	0.78321	b.d.	0.60623	79.63206
153-920B-1W-3W, 64-66	14	40.6138	0.0147	0.53266	41.453	2.57829	b.d.	0.02436	0.02113	0.00652	0.12594	0.02158	0.00385	0.08376	b.d.	0.08988	85.56947
153-920B-1W-3W, 64-66	15	40.2056	0.04029	0.73294	40.2845	3.6674	b.d.	b.d.	0.02629	b.d.	0.14737	0.06175	0.01035	0.13411	b.d.	0.10199	85.41259
153-920B-1W-3W, 64-66	16	36.4695	0.03646	0.06038	40.0177	6.37406	0.04964	0.04577	0.01041	b.d.	0.34083	0.12429	0.01652	0.22526	b.d.	0.21907	83.98989
153-920B-1W-3W, 64-66	17	41.1185	0.03756	0.34041	41.4112	2.14392	b.d.	0.02432	0.00529	0.00326	0.30425	0.03925	0.0003	0.05694	0.03311	0.07846	85.59677
153-920B-1W-3W, 64-66	18	41.2398	0.02098	0.34401	41.3892	2.10701	b.d.	b.d.	b.d.	b.d.	0.28589	b.d.	b.d.	0.04852	0.01656	0.05819	85.51016
153-920B-1W-3W, 64-66	19	41.1077	0.00751	0.39298	41.2609	2.14422	b.d.	0.0142	0.03175	b.d.	0.33491	0.07063	0.00296	0.04849	0.11912	0.06428	85.59965
153-920B-1W-3W, 64-66	20	41.0248	0.0147	0.35884	41.5028	2.24641	b.d.	0.00608	b.d.	b.d.	0.28261	0.0873	0.00237	0.03373	0.00993	0.07231	85.64188
153-920B-1W-3W, 64-66	21	41.8471	0.00094	0.68651	41.5937	1.37168	0.0784	0.00902	b.d.	b.d.	0.08912	0.07759	b.d.	0.03957	0.06641	0.0448	85.90484
153-920B-1W-3W, 64-66	22	41.4423	0.00689	0.64986	41.5317	1.61595	b.d.	b.d.	b.d.	0.04896	0.12611	0.03734	0.01572	0.03959	b.d.	0.05479	85.56921
153-920B-1W-3W, 64-66	23	41.5205	0.00689	0.60631	41.9136	1.62023	0.04789	b.d.	b.d.	0.01631	0.2858	0.03828	0.00415	0.03854	b.d.	0.02873	86.12723
153-920B-1W-3W, 64-66	24	41.5445	b.d.	0.61695	41.5824	1.75054	0.01958	0.02219	0.0689	b.d.	0.31344	0.06575	0.01067	0.01583	b.d.	0.03025	86.041
153-920B-1W-3W, 64-66	25	41.3004	0.00845	0.30631	41.3919	2.18113	b.d.	b.d.	b.d.	b.d.	0.2736	0.03338	0.01215	0.03376	0.00993	0.06853	85.61954
153-920B-1W-3W, 64-66	26	41.7379	0.01316	0.25494	42.0339	1.65028	b.d.	0.00504	b.d.	b.d.	0.29515	0.04026	0.00445	0.02219	0.03976	0.03871	86.13574
153-920B-1W-3W, 64-66	27	41.31	0.00595	0.82989	41.8611	1.62377	b.d.	0.01407	b.d.	0.02937	0.06151	0.06584	0.00267	0.0264	b.d.	0.04484	85.87541
153-920B-10R-1W, 82-86	28	36.7894	0.01281	0.04646	40.0526	5.701	0.01516	0.06879	0.04183	0.00326	0.19082	0.08539	0.00562	0.0955	0.01322	0.25219	83.37405
153-920B-10R-1W, 82-86	29	36.5519	0.02429	0.02667	41.0536	6.44663	b.d.	0.06688	0.0052	0.01624	0.25767	0.05281	0.01592	0.10227	0.04256	0.16155	84.82419
153-920B-10R-1W, 82-86	30	36.3322	0.04455	0.03018	40.1766	6.47286	b.d.	0.08944	0.0156	0.02601	0.27633	0.10667	0.0295	0.14407	b.d.	0.22586	83.96987
153-920B-10R-1W, 82-86	31	38.0459	0.03722	0.09717	39.9527	4.35195	0.01411	0.08366	0.0736	b.d.	0.36335	0.05794	0.01303	0.10559	0.01659	0.21581	83.42862
153-920B-10R-1W, 82-86	32	39.1895	0.03003	0.47681	41.1226	3.1702	b.d.	0.05144	b.d.	0.14019	0.31048	0.03824	0.02309	0.10842	0.00994	0.1407	84.81164
153-920B-10R-1W, 82-86	33	33.8529	0.0269	0.03509	37.4318	11.9266	b.d.	0.00224	0.03048	b.d.	0.1806	0.00195	0.0126	0.10104	0.00641	0.1026	83.71121
153-920B																	

153-920B-10R-1W, 82-86	44	37.5011	0.02466	0.33289	38.1369	1.02834	0.05726	0.05257	0.02689	0.06278	0.24282	0.02882	0.00269	0.06157	0.00688	0.30925	77.87542
153-920B-10R-1W, 82-86	45	38.0578	0.04674	0.32802	38.3868	1.10876	0.022	0.04212	b.d.	0.0033	0.2425	b.d.	0.01194	0.07474	0.04453	0.28233	78.65158
153-920B-10R-1W, 82-86	46	37.8196	0.05781	0.33255	38.2641	1.08532	b.d.	0.04426	0.04835	b.d.	0.29548	0.01192	0.01791	0.06578	0.01716	0.29344	78.35368
153-920B-10R-1W, 82-86	47	38.2675	0.03093	0.37835	38.7633	1.0994	b.d.	0.02666	b.d.	b.d.	0.29195	0.00595	0.01551	0.06791	b.d.	0.30914	79.2566
153-920B-10R-1W, 82-86	48	41.441	0.04578	0.2337	41.9217	1.06895	0.05453	0.03007	b.d.	0.0098	0.16615	0.00885	0.0178	0.08548	0.06668	0.07319	85.22368
153-920B-10R-1W, 82-86	49	41.3667	0.05769	0.24554	41.4623	1.06033	b.d.	0.08035	0.02129	b.d.	0.24617	0.07176	0.03826	0.10916	0.11671	0.06512	84.94138
153-920B-10R-1W, 82-86	50	40.8379	0.02858	0.26212	41.3995	1.04695	0.00437	0.03726	b.d.	b.d.	0.20045	0.02168	0.01485	0.09395	0.06703	0.04832	84.06296
153-920B-10R-1W, 82-86	51	41.3511	0.03008	0.2378	41.8156	1.1205	0.00109	0.05222	b.d.	b.d.	0.27674	0.07072	0.00919	0.09282	0.11651	0.06051	85.23488
153-920B-10R-1W, 82-86	52	34.1453	0.11182	0.20757	34.0177	1.27085	0.01557	0.073	b.d.	b.d.	0.12918	0.06938	0.03245	0.21738	0.04959	0.10572	70.44551
153-920B-10R-1W, 82-86	53	33.6813	0.17684	0.23788	33.8453	1.33659	0.01223	0.03395	0.04345	0.03344	0.1355	0.0905	0.061	0.25496	0.0213	0.21251	70.17675
153-920B-10R-1W, 82-86	54	37.9824	0.16933	0.25377	39.2988	1.37441	0.00329	0.08813	b.d.	0.06913	0.08685	0.00694	0.05333	0.27199	b.d.	0.22434	79.88271
153-920B-10R-1W, 82-86	55	38.4867	0.19261	0.25562	40.5107	1.37596	b.d.	0.06432	b.d.	0.02959	0.11463	0.01881	0.05214	0.2942	0.02716	0.1847	81.60714
153-920B-10R-1W, 82-86	56	38.7659	0.15914	0.2796	40.0462	1.28739	b.d.	0.07544	0.02676	b.d.	0.09292	0.06334	0.04855	0.29185	0.06451	0.20915	81.41075
153-920B-10R-1W, 82-86	57	41.6564	0.03914	0.27848	42.0488	1.4161	0.04463	0.02414	b.d.	b.d.	0.37482	0.07162	0.00267	0.03061	0.00995	0.04174	86.0391
153-920B-10R-1W, 82-86	58	41.0775	0.01972	0.36678	41.3955	1.76583	b.d.	0.03236	0.0159	b.d.	0.39023	0.04022	0.01392	0.06535	0.09615	0.05701	85.33647
153-920B-10R-1W, 82-86	59	41.3202	0.0279	0.41567	41.6489	1.58229	0.00545	0.02928	b.d.	0.05225	0.37844	0.00196	0.01572	0.07129	b.d.	0.04868	85.59803
153-920B-10R-1W, 82-86	60	41.3669	0.04232	0.4296	41.8423	1.42834	b.d.	0.03621	b.d.	0.0098	0.23074	0.03931	b.d.	0.06653	0.00998	0.04369	85.54572
153-920B-10R-1W, 82-86	61	41.7275	0.04484	0.46801	41.5286	1.30922	b.d.	0.03313	0.01063	0.03266	0.20921	b.d.	0.01602	0.07338	0.00665	0.05481	85.51466
153-920B-10R-2W, 68-70	62	40.8866	0.01721	0.82643	41.6619	2.19318	b.d.	0.01416	0.04234	0.01956	0.14134	0.05889	0.00563	0.04642	b.d.	0.08231	85.99597
153-920B-10R-2W, 68-70	63	40.0335	0.03125	0.82724	41.4169	2.81692	b.d.	0.02044	b.d.	0.03907	0.36221	0.14694	b.d.	0.06269	0.09243	0.10706	85.95665
153-920B-10R-2W, 68-70	64	39.0315	0.03472	0.79647	40.3371	2.68793	b.d.	0.01037	0.04798	0.00988	0.45619	0.13565	0.00806	0.07001	0.02689	0.17499	83.82774
153-920B-10R-2W, 68-70	65	40.8666	0.03369	0.81719	41.6459	2.17778	0.06344	0.02648	0.04792	0.03608	0.18855	0.0691	0.00209	0.05254	0.03665	0.08898	86.15299
153-920B-10R-2W, 68-70	66	40.3455	0.03624	0.79748	41.6205	2.24205	b.d.	0.05105	b.d.	0.0394	0.23517	0.00593	0.00239	0.06264	b.d.	0.10019	85.53854
153-920B-10R-2W, 68-70	67	41.5338	0.03593	0.81361	41.8264	1.69848	0.01643	0.02633	b.d.	b.d.	0.27208	0.04444	b.d.	0.05845	0.04662	0.06825	86.44082
153-920B-10R-2W, 68-70	68	41.5063	0.02522	0.77513	41.3731	1.55737	0.08548	0.01725	0.03738	0.08538	0.32179	b.d.	0.0009	0.04781	0.03338	0.07866	85.94515
153-920B-10R-2W, 68-70	69	41.8068	0.02332	0.48253	42.0381	1.54973	0.01753	0.02329	b.d.	b.d.	0.35563	0.08691	0.00149	0.02711	b.d.	0.0297	86.44214
153-920B-10R-2W, 68-70	70	41.4746	0.01859	0.26261	42.1627	1.69772	0.03614	0.03244	b.d.	b.d.	0.30304	0.0158	0.00447	0.03187	0.02334	0.05666	86.11998
153-920B-10R-2W, 68-70	71	41.4033	0.01134	0.39481	41.7458	1.81609	b.d.	0.02033	0.04799	b.d.	0.35252	0.08294	0.00775	0.06107	b.d.	0.06282	86.00676
153-920B-10R-2W, 68-70	72	41.134	0.02548	0.41131	42.0803	2.20444	0.09943	0.02139	0.02658	0.00983	0.37048	0.05224	b.d.	0.06421	0.0299	0.08855	86.61814
153-920B-10R-2W, 68-70	73	41.3261	0.01702	0.75729	41.7482	1.56316	b.d.	0.06481	0.00534	0.01641	0.28146	0.02173	0.00656	0.04568	0.08003	0.10254	86.03633
153-920B-10R-2W, 68-70	74	41.3032	0.04506	0.71024	41.8174	1.64251	b.d.	0.05976	0.03735	0.0361	0.22571	0.0553	b.d.	0.05098	0.02669	0.07823	86.08853
153-920B-10R-2W, 68-70	75	41.634	0.04218	0.7221	41.7915	1.70039	b.d.	0.0243	0.05329	b.d.	0.34899	0.0069	b.d.	0.06052	0.06316	0.06279	86.51012
153-920B-10R-2W, 68-70	76	40.9456	0.05578	0.66614	41.4868	1.68268	0.03614	0.03051	0.00534	0.02626	0.36495	0.10171	0.017	0.08278	0.01337	0.11904	85.6341
153-920B-10R-2W, 68-70	77	41.4153	0.03654	0.79948	41.6398	1.7											

153-920B-2R-1W, 80-82	93	41.3064	0.00472	1.15591	41.5885	1.41292	0.14886	0.00605	0.03202	0.06558	0.09577	0.01777	0.00477	0.01326	0.03007	0.0435	85.9261
153-920B-2R-1W, 80-82	94	41.3488	0.02297	1.01976	41.7475	1.65337	b.d.	0.02626	0.06927	0.03605	0.10498	0.07596	0.00357	0.01432	b.d.	0.03502	86.15783
153-920B-2R-1W, 80-82	95	41.3159	0.0406	1.0161	41.8699	1.7225	0.00328	0.04039	b.d.	b.d.	0.12353	0.00987	0.02144	0.01857	b.d.	0.02887	86.21095
153-920B-2R-1W, 80-82	96	40.9385	0.02014	1.16888	41.4248	1.78686	0.1105	0.01013	b.d.	0.02951	0.11431	b.d.	0.0131	0.02386	b.d.	0.02925	85.66984
153-920B-2R-1W, 80-82	97	40.2843	0.01101	0.75932	41.5106	2.38272	0.10492	0.02146	0.03191	0.01639	0.14523	0.0908	0.00327	0.05247	0.12006	0.03963	85.57409
153-920B-2R-1W, 80-82	98	41.0323	0.03301	0.42916	41.4999	2.43866	b.d.	0.02546	b.d.	b.d.	0.18524	0.01578	0.0122	0.04132	b.d.	0.0496	85.76263
153-920B-2R-1W, 80-82	99	41.377	0.02109	0.88195	41.8957	1.54115	b.d.	0.02721	b.d.	b.d.	0.04325	0.0158	0.01072	0.02016	0.04338	0.02695	85.90436
153-920B-2R-1W, 80-82	100	41.4712	0.01544	0.7832	41.5998	1.5727	b.d.	0.03128	b.d.	b.d.	0.0371	0.02866	0.02504	0.02547	b.d.	0.02927	85.61916
153-920B-2R-1W, 80-82	101	41.5278	b.d.	0.74159	41.8409	1.56013	0.00985	0.02723	0.01601	0.02624	0.02781	0.07111	0.01341	0.02654	b.d.	0.03235	85.92097
153-920B-2R-1W, 80-82	102	41.6186	0.02362	0.74212	41.8853	1.49171	0.0208	0.00705	b.d.	0.00984	0.07416	0.00691	0.00894	0.01698	0.01669	0.01694	85.93966
153-920B-2R-1W, 80-82	103	41.4589	0.03586	0.37588	42.05	1.95851	0.07543	0.03141	0.00532	b.d.	0.19142	0.01578	0.00923	0.03501	b.d.	0.03079	86.27354
153-920B-2R-1W, 80-82	104	41.2333	0.01953	0.74453	41.9831	1.78651	b.d.	0.02023	0.01067	b.d.	0.05257	0.04941	0.00358	0.00956	b.d.	0.03006	85.94305
153-920B-2R-1W, 80-82	105	41.576	0.01826	1.02074	41.8079	1.64903	b.d.	0.02018	b.d.	0.07867	0.03089	0.09671	b.d.	0.01858	0.00666	0.03889	86.36251
153-920B-2R-1W, 80-82	106	41.6252	0.0022	0.96841	41.8363	1.71759	0.08645	0.02824	b.d.	0.01967	0.01545	0.0316	0.01073	0.01858	b.d.	0.04391	86.40433
153-920B-2R-1W, 80-82	107	41.3353	0.00031	1.00909	41.9266	1.70622	0.05362	0.03839	b.d.	0.03934	0.11121	0.03553	0.01341	0.02177	b.d.	0.03274	86.32353
153-920B-2R-1W, 80-82	108	41.4626	0.00378	0.34895	42.0387	1.91469	b.d.	0.03442	b.d.	b.d.	0.1143	0.06711	0.01698	0.02441	0.01665	0.04312	86.08571
153-920B-12R-2W, 140-143	109	46.4925	0.02151	0.39175	19.733	4.14308	0.00881	0.00743	b.d.	b.d.	0.36687	0.19578	b.d.	0.09893	0.01681	0.65252	72.12899
153-920B-12R-2W, 140-143	110	47.3648	0.02273	0.33463	19.4356	4.28472	0.16032	0.03394	0.02663	0.03648	0.3849	0.29502	0.00089	0.12749	0.02342	0.59131	73.12288
153-920B-12R-2W, 140-143	111	48.002	0.03033	0.36652	18.9395	4.24171	b.d.	0.02332	b.d.	0.0166	0.45103	0.28127	b.d.	0.1068	b.d.	0.43242	72.8915
153-920B-12R-2W, 140-143	112	47.4894	0.03026	0.3545	19.5176	4.63693	0.07015	0.03085	b.d.	0.02649	0.55633	0.3134	0.0006	0.11502	0.01665	0.46006	73.61824
153-920B-12R-2W, 140-143	113	46.6502	0.018	0.38548	19.6401	4.37204	0.02197	0.03831	b.d.	0.02654	0.52595	0.24619	0.0006	0.12124	0.01004	0.58909	72.64575
153-920B-12R-2W, 140-143	114	43.4668	0.01489	0.37163	23.3545	3.72984	0.03416	0.04152	0.0321	0.05651	0.47041	0.21974	b.d.	0.12417	0.02373	0.85514	72.79514
153-920B-12R-2W, 140-143	115	40.3513	0.013	0.38615	28.1828	2.92625	b.d.	0.01483	b.d.	0.02327	0.47329	0.1768	0.00539	0.10619	b.d.	0.82998	73.48925
153-920B-12R-2W, 140-143	116	42.5222	0.00817	0.18559	37.7518	2.11928	0.03388	0.00204	b.d.	0.0164	0.30598	0.03256	b.d.	0.06065	b.d.	0.06364	83.10219
153-920B-12R-2W, 140-143	117	42.3649	0.01854	0.17217	38.1841	1.89344	b.d.	0.01525	b.d.	0.00983	0.27184	0.06016	b.d.	0.04218	0.05002	0.06438	83.14681
153-920B-12R-2W, 140-143	118	43.4139	0.02385	0.18	36.5213	2.43133	b.d.	0.02346	0.01592	b.d.	0.31182	0.06602	0.00386	0.04212	b.d.	0.0578	83.09138
153-920B-12R-2W, 140-143	119	41.6054	0.016	0.25504	40.3497	1.64992	b.d.	0.00911	0.05846	0.02616	0.33277	b.d.	0.00445	0.0786	b.d.	0.08813	84.47374
153-920B-12R-2W, 140-143	120	41.0873	0.02133	0.27275	40.2437	1.91663	b.d.	0.02741	b.d.	0.01308	0.2742	0.09641	0.01365	0.10382	b.d.	0.10455	84.17483
153-920B-12R-2W, 140-143	121	41.0978	0.02509	0.27101	40.1269	1.9004	b.d.	0.00609	0.01593	0.04578	0.24344	0.05805	0.00297	0.10592	b.d.	0.11029	84.00967
153-920B-12R-2W, 140-143	122	49.8312	0.00913	0.53911	23.8488	2.73855	0.06574	b.d.	0.00533	b.d.	0.10262	0.15082	0.01189	0.04287	b.d.	0.1686	77.51466
153-920B-12R-2W, 140-143	123	52.2941	0.01605	0.62029	18.8598	3.12055	0.00657	0.00206	b.d.	0.04623	0.23671	0.17177	0.01159	0.07451	b.d.	0.20254	75.66277
153-920B-12R-2W, 140-143	124	53.5739	b.d.	0.52636	16.7135	3.32991	0.06023	b.d.	0.08521	0.04956	0.14025	0.31793	0.0003	0.04319	0.01318	0.14681	75.00033
153-920B-12R-2W, 140-143	125	51.3249	0.01038	0.53877	21.2966	2.70419	b.d.	b.d.	0.08574	0.21456	0.14772	0.00297	0.05269	b.d.	0.13481	76.51333	
153-920B-12R-2W, 140-143	126	52.3296	0.01982	0.52604	18.9823	3.04247	0.01534	b.d.	b.d.	0.04952	0.17437	0.21245					

153-920B-12R-2W, 140-143	142	45.9498	0.0218	0.38181	28.7361	3.37283	0.08338	0.03078	0.05787	b.d.	0.33814	0.1843	0.00206	0.13601	b.d.	0.29335	79.58823
153-920B-12R-2W, 140-143	143	46.5196	0.04079	0.30335	27.0591	3.48745	0.08011	0.01547	0.09464	0.075	0.46443	0.24207	b.d.	0.11354	0.01313	0.24655	78.75523
153-920B-12R-2W, 140-143	144	46.217	0.08345	0.36174	28.2006	3.06661	0.13213	0.03077	b.d.	b.d.	0.53779	0.18809	0.00589	0.11774	0.02628	0.26777	79.23586
153-920B-12R-2W, 140-143	145	45.3863	0.02863	0.34807	30.087	2.94426	0.04761	0.02151	0.01578	0.05207	0.58614	0.17018	b.d.	0.11006	b.d.	0.28717	80.08478
153-920B-12R-2W, 140-143	146	45.258	0.02394	0.36609	30.8001	3.13365	0.07134	0.0357	b.d.	0.04225	0.33101	0.1046	b.d.	0.14789	b.d.	0.38308	80.69765
153-920B-12R-2W, 140-143	147	41.3714	0.02081	0.53521	41.068	1.28475	0.1242	0.00498	0.04741	b.d.	0.22255	0.0448	0.00705	0.07731	b.d.	0.13848	84.94695
153-920B-12R-2W, 140-143	148	41.201	0.01926	0.31856	40.7829	1.38668	b.d.	0.006	0.04742	b.d.	0.23186	0.10817	b.d.	0.0778	0.00662	0.13543	84.3217
153-920B-12R-2W, 140-143	149	44.381	0.01398	0.3721	32.1857	2.7324	0.07131	b.d.	b.d.	0.00974	0.41954	0.1973	0.00088	0.09914	0.05916	0.26541	80.80766
153-920B-12R-2W, 140-143	150	45.1572	0.01273	0.31476	30.8608	3.12206	b.d.	0.01427	0.01049	0.04221	0.32454	0.15526	b.d.	0.11299	b.d.	0.30554	80.43285
153-920B-12R-2W, 140-143	151	46.0023	0.02144	0.37337	28.8102	3.2278	b.d.	0.0184	0.00525	0.052	0.35553	0.20912	b.d.	0.10818	b.d.	0.33211	79.5157
153-920B-12R-2W, 140-143	152	46.8587	0.01397	0.34542	27.4073	3.59009	b.d.	0.01947	0.03143	b.d.	0.4137	0.24227	b.d.	0.10291	b.d.	0.30165	79.32691
153-920B-12R-2W, 140-143	153	47.3446	0.03166	0.36126	26.2704	3.91134	b.d.	0.01642	b.d.	0.03899	0.30656	0.19349	0.01408	0.11315	b.d.	0.28263	78.88458
153-920B-12R-2W, 140-143	154	47.5448	0.02451	0.38652	25.2753	4.0432	0.0151	0.00206	b.d.	b.d.	0.40476	0.22184	0.00293	0.09961	b.d.	0.32233	78.34296
153-920B-12R-2W, 140-143	155	47.4541	0.0342	0.3912	24.686	4.2921	b.d.	0.01659	0.06283	b.d.	0.54395	0.25845	0.00646	0.11166	b.d.	0.33989	78.19743
153-920B-12R-2W, 140-143	156	47.2514	0.02641	0.47171	23.9249	4.713	0.00108	0.01563	b.d.	0.03905	0.62957	0.26597	0.00206	0.11094	0.05194	0.56585	78.06951
153-920B-12R-2W, 140-143	157	48.4482	0.02296	0.46413	22.1612	5.06248	0.05604	0.03026	b.d.	0.01301	0.6694	0.21603	0.00264	0.10979	b.d.	0.41322	77.66936
153-920B-12R-2W, 140-143	158	48.8711	0.02483	0.39495	22.7305	4.76133	0.06146	0.03112	0.03133	0.00976	0.44221	0.28369	b.d.	0.08824	0.00324	0.32801	78.06177
153-920B-12R-2W, 140-143	159	47.9205	0.01489	0.43157	24.5758	4.54191	b.d.	0.03513	b.d.	0.0325	0.34351	0.26681	0.00557	0.08827	b.d.	0.33291	78.58937
153-920B-12R-2W, 140-143	160	47.2258	0.00434	0.42603	26.5254	4.01988	0.01509	0.03184	0.04183	0.00974	0.36462	0.18363	0.00469	0.09766	0.00325	0.4017	79.3555
153-920B-12R-2W, 140-143	161	47.3944	0.02638	0.37302	26.3348	4.0708	b.d.	0.02158	0.00523	b.d.	0.41058	0.15724	b.d.	0.1147	0.00325	0.3723	79.28428
153-920B-12R-2W, 140-143	162	45.0671	0.03133	0.43999	30.7949	3.29517	b.d.	0.01633	0.00524	0.00648	0.48001	0.16768	0.00147	0.13461	b.d.	0.45767	80.89798
153-920B-12R-2W, 140-143	163	43.1948	0.02075	0.42552	36.3562	2.44038	0.13019	b.d.	0.08376	0.02584	0.48414	0.09229	b.d.	0.11789	0.00654	0.29954	83.67784
153-920B-12R-2W, 140-143	164	41.6581	0.01147	0.22512	41.2063	1.42055	0.05602	0.002	b.d.	b.d.	0.49269	0.03301	b.d.	0.05998	b.d.	0.11399	85.27923
153-920B-12R-2W, 140-143	165	41.6637	0.00279	0.55278	40.8259	1.58136	b.d.	b.d.	0.01574	b.d.	0.20673	0.04467	b.d.	0.10578	b.d.	0.12111	85.12056
153-920B-12R-2W, 140-143	166	41.5943	0.0031	0.35937	40.3755	1.70949	b.d.	0.022	0.01574	0.07424	0.26768	0.13693	b.d.	b.d.	0.02301	0.13883	84.72019
153-920B-12R-2W, 140-143	167	41.8533	0.01641	0.27336	41.8721	1.17265	b.d.	0.01287	b.d.	b.d.	0.24305	0.02718	0.01143	0.06832	0.01642	0.08102	85.64811
153-920B-12R-2W, 140-143	168	46.0124	0.02177	0.36942	31.0384	2.53444	0.10276	0.01215	0.02106	b.d.	0.31569	0.12127	b.d.	0.07221	0.01313	0.1797	80.8144
153-920B-12R-2W, 140-143	169	46.5963	0.02269	0.293	30.698	2.70428	b.d.	0.00405	b.d.	0.0065	0.33995	0.16805	b.d.	0.09503	b.d.	0.19211	81.11996
153-920B-12R-2W, 140-143	170	46.5443	0.02985	0.37277	29.0071	2.93517	0.10166	0.01222	0.03155	b.d.	0.32512	0.136	0.00588	0.07725	0.02621	0.28036	79.88544
153-920B-12R-2W, 140-143	171	47.4583	0.01989	0.35571	28.1143	3.01796	b.d.	0.0183	b.d.	b.d.	0.3097	0.22299	0.00705	0.09328	b.d.	0.23379	79.85127
153-920B-12R-2W, 140-143	172	47.88	0.03202	0.3911	26.9746	3.18213	b.d.	0.02853	b.d.	0.00976	0.33441	0.22991	0.00147	0.09943	0.01632	0.2171	79.39678
153-920B-12R-2W, 140-143	173	48.4695	0.02207	0.37847	25.561	3.5032	b.d.	0.01125	b.d.	b.d.	0.35004	0.17915	0.00499	0.09884	b.d.	0.22306	78.80157
153-920B-12R-2W, 140-143	174	48.3659	0.02856	0.39819	26.039	3.51064	0.03669	0.01023	0.07335	0.07799	0.45056	0.21292	0.00147	0.09777	b.d.	0.24174	79.54501
153-920B-12R-2W, 140-143	175	48.3457	0.01706	0.37685	26.4782	3.43589	0.08412	0.02449	0.02095	0.08768							

153-920B-12R-2W, 140-143	191	47.6047	0.02447	0.46529	26.9416	3.69215	0.01507	0.02145	b.d.	0.00324	0.4035	0.25824	b.d.	0.10324	0.02918	0.29428	79.85641
153-920B-12R-2W, 140-143	192	47.7262	0.02749	0.52289	26.4027	4.57367	0.12121	0.02055	0.03117	b.d.	0.45448	0.19928	0.01402	0.09688	0.0193	0.40038	80.61022
153-920B-12R-2W, 140-143	193	47.933	0.02754	0.50926	26.2882	4.0273	0.03225	0.02351	0.0417	0.03885	0.36043	0.12268	0.0041	0.10363	b.d.	0.3496	79.86205
153-920B-12R-2W, 140-143	194	48.0782	0.0325	0.45222	25.3022	4.13885	0.07743	0.0246	0.08868	0.01621	0.29662	0.22129	0.00497	0.09223	b.d.	0.33259	79.15859
153-920B-12R-2W, 140-143	195	48.3168	0.03619	0.44863	25.0409	4.23322	0.01719	b.d.	0.07814	0.05182	0.40952	0.18697	0.00117	0.11178	0.00323	0.29904	79.2346
153-920B-12R-2W, 140-143	196	48.1147	0.04084	0.43182	25.1286	4.05117	0.07525	0.03294	0.0417	0.03888	0.6542	0.29499	b.d.	0.08608	0.03881	0.2597	79.28968
153-920B-12R-2W, 140-143	197	48.6512	0.02445	0.44938	24.7949	4.04255	0.05592	b.d.	b.d.	0.05185	0.43723	0.28253	0.00761	0.10307	b.d.	0.27586	79.17655
153-920B-12R-2W, 140-143	198	48.4962	0.00835	0.42637	24.9947	4.25292	0.11397	0.0164	0.01042	0.05508	0.28128	0.17249	0.01609	0.09018	0.05813	0.27206	79.26464
153-920B-12R-2W, 140-143	199	48.2644	0.02196	0.4257	25.4651	4.25436	0.03654	0.0246	b.d.	0.0421	0.29642	0.27175	0.00322	0.08865	b.d.	0.24725	79.44205
153-920B-12R-2W, 140-143	200	48.5794	0.02783	0.42804	25.2728	4.13777	0.08272	0.00614	0.00521	0.04533	0.34519	0.30669	0.00234	0.07987	0.02907	0.26898	79.61738
153-920B-12R-2W, 140-143	201	48.4611	0.03464	0.38618	25.3692	4.07996	b.d.	0.00716	0.05212	b.d.	0.31777	0.30292	0.01286	0.05925	b.d.	0.23814	79.3213
153-920B-12R-2W, 140-143	202	41.9569	0.00556	0.24203	42.1059	1.30376	0.03438	0.02373	0.03143	0.02252	0.26371	0.02614	0.00322	0.06926	0.00327	0.10092	86.19273
153-920B-12R-2W, 140-143	203	41.803	0.01854	0.26483	42.1074	1.3532	b.d.	0.02374	b.d.	0.00965	0.19706	0.05231	b.d.	0.07759	0.0818	0.09184	86.08096
153-920B-12R-2W, 140-143	204	41.6959	0.02225	0.28382	42.0014	1.49103	0.04081	0.00396	0.02094	0.03539	0.23342	0.00484	b.d.	0.07705	b.d.	0.10883	86.01964
153-920B-12R-2W, 140-143	205	41.9978	0.03151	0.25198	41.781	1.44185	b.d.	0.02079	b.d.	b.d.	0.27579	0.06486	b.d.	0.07131	b.d.	0.1088	86.04569
153-920B-12R-2W, 140-143	206	41.8593	0.02565	0.28267	41.9948	1.37888	b.d.	0.02373	b.d.	b.d.	0.20613	0.02712	0.00439	0.06663	b.d.	0.10164	85.97094
153-920B-12R-2W, 140-143	207	41.7305	0.01451	0.2868	41.7969	1.58389	0.21044	b.d.	b.d.	b.d.	0.19095	0.04358	b.d.	0.06764	b.d.	0.12162	86.04683
153-920B-12R-2W, 140-143	208	41.9253	0.02812	0.28341	41.717	1.43424	0.03223	b.d.	b.d.	0.0354	0.11521	0.07169	0.00585	0.07077	b.d.	0.11333	85.83255
153-920B-12R-2W, 140-143	209	42.5741	0.01358	0.29332	40.8234	1.63317	b.d.	0.00099	b.d.	0.00965	0.31508	0.01935	0.00497	0.04732	0.01955	0.12984	85.88432
153-920B-12R-2W, 140-143	210	42.2567	0.00463	0.26517	40.9909	1.39133	0.01396	0.02674	b.d.	0.0354	0.25471	0.06198	0.00322	0.06294	0.00654	0.11141	85.48563
153-920B-12R-2W, 140-143	211	41.8585	0.00309	0.25448	41.9956	1.66599	b.d.	0.00297	b.d.	0.03855	0.22096	0.0203	b.d.	0.05772	b.d.	0.1034	86.22156
153-920B-12R-2W, 140-143	212	41.4594	0.021	0.23592	41.6368	1.44619	b.d.	0.01886	b.d.	0.16079	0.25754	0.02031	0.00351	0.19077	b.d.	0.1046	85.55569
153-920B-12R-2W, 140-143	213	41.7946	0.0142	0.28886	42.0456	1.50089	b.d.	0.02178	b.d.	0.04498	0.25733	0.07252	b.d.	0.06189	0.00653	0.11739	86.22657
153-920B-12R-2W, 140-143	214	41.9646	b.d.	0.26386	41.938	1.46539	b.d.	0.02673	b.d.	0.09318	0.26943	0.07637	0.00175	0.07699	0.00653	0.09627	86.2791
153-920B-12R-2W, 140-143	215	43.5504	0.0247	0.28333	38.4005	1.82419	0.00966	b.d.	b.d.	0.04183	0.29714	0.09293	b.d.	0.0908	0.00326	0.15155	84.77029

b.d. = below detection

n.a. = not analyzed

Table DR1: Electron microprobe analysis of serpentinized peridotite from ODP Leg 153

Leg, hole, core, interval (cm)	analysis #	MgO	CaO	Al2O3	SiO2	FeO	TiO2	Na2O	Cr2O3	CoO	NiO	MnO	K2O	SO3	Cu2O	F	Cl	sum
		wt.%	wt.%	wt.%	wt.%	wt.%	wt.%	wt.%	wt.%	wt.%								
173-1068A-24R-1W, 73-74	1	38.2842	0.0466	0.3335	38.5648	5.92015	b.d.	0.0483	0.00698	0.02842	0.24592	0.06533	0.00446	0.15779	0.00629	b.d.	0.45001	84.16275
173-1068A-24R-1W, 73-74	2	38.6634	0.0468	0.40093	39.0639	5.59843	0.03638	0.05478	b.d.	b.d.	0.13814	0.05133	0.00932	0.15344	0.02726	b.d.	0.41813	84.66224
173-1068A-24R-1W, 73-74	3	38.1189	0.04713	0.38318	39.1247	5.9147	0.04272	0.04759	b.d.	0.01964	0.1887	0.14179	0.00407	0.18618	b.d.	0.0413	0.43409	84.69469
173-1068A-24R-1W, 73-74	4	38.3505	0.04743	0.4323	38.5788	5.60542	0.01142	0.05619	0.04193	0.09186	0.19923	0.01	0.00563	0.17831	b.d.	b.d.	0.50723	84.11625
173-1068A-24R-1W, 73-74	5	38.3113	0.04592	0.34712	39.0744	6.14145	b.d.	0.05695	0.05221	0.02618	0.26573	0.06454	0.00174	0.1604	b.d.	0.00142	0.44653	84.99589
173-1068A-24R-1W, 73-74	6	37.8427	0.04437	0.33778	38.4967	6.02619	b.d.	0.05652	0.01744	0.03278	0.24997	0.09131	0.00272	0.13008	0.04824	b.d.	0.43197	83.80877
173-1068A-24R-1W, 73-74	7	38.0607	0.04092	0.34524	39.4746	5.99707	b.d.	0.06674	0.07317	0.04148	0.14612	0.03595	0.00485	0.14353	b.d.	b.d.	0.38732	84.81769
173-1068A-24R-1W, 73-74	8	38.082	0.04554	0.3617	39.1818	5.99896	0.01709	0.03959	0.03484	0.0786	0.15427	0.0779	0.00233	0.15598	b.d.	b.d.	0.39658	84.62718
173-1068A-24R-1W, 73-74	9	37.976	0.05681	0.3483	38.9149	6.20905	b.d.	0.06827	0.01742	0.03059	0.22752	0.08262	0.00078	0.15068	b.d.	0.00427	0.44739	84.5346
173-1068A-24R-1W, 73-74	10	38.2706	0.04873	0.36687	38.7467	6.00222	0.01637	0.06067	0.03135	0.02838	0.24759	0.13845	0.00698	0.18172	b.d.	b.d.	0.42015	84.56678
173-1068A-24R-1W, 73-74	11	57.5442	0.40578	0.06207	0.50582	20.1796	b.d.	0.02658	0.00653	0.01291	0.11277	0.68855	0.00701	0.11874	b.d.	b.d.	1.19117	80.86173
173-1068A-24R-1W, 73-74	12	53.4162	0.46243	0.07513	0.65534	20.4348	0.0552	0.01307	0.03276	0.07742	0.30993	0.72555	0.00019	0.04686	b.d.	b.d.	4.02261	80.32749
173-1068A-24R-1W, 73-74	13	43.6232	0.51595	0.07416	5.55563	30.4558	0.04823	0.07532	0.00311	0.08051	0.21115	0.98313	b.d.	0.3225	b.d.	b.d.	0.46284	82.41153
173-1068A-24R-1W, 73-74	14	56.0606	0.38701	0.07188	0.55618	20.9666	0.06253	0.01174	b.d.	0.02152	0.24184	0.76209	b.d.	0.06026	0.03737	b.d.	0.81815	80.05777
173-1068A-24R-1W, 73-74	15	36.6381	0.03483	0.46409	37.5942	7.74906	0.03477	0.10339	0.01038	0.0109	0.22919	0.1569	0.01122	0.166	b.d.	b.d.	0.63342	83.83645
173-1068A-24R-1W, 73-74	16	38.655	0.0496	0.38584	38.687	5.4006	0.01783	0.04988	b.d.	0.00874	0.23966	0.10795	0.0099	0.13368	0.04192	b.d.	0.47592	84.26352
173-1068A-24R-1W, 73-74	17	53.8083	0.42556	0.16114	0.49493	21.8481	b.d.	0.02306	0.1587	0.01722	0.09881	0.73867	0.00548	0.03264	0.01039	b.d.	0.60475	78.42775
173-1068A-24R-1W, 73-74	18	55.0374	0.41063	0.0731	0.42783	21.06	b.d.	0.01527	0.03908	0.06694	0.11727	0.69335	0.00398	0.04223	0.00417	b.d.	0.67529	78.66654
173-1068A-24R-1W, 73-74	19	54.7079	0.39686	0.09521	0.45253	22.3934	b.d.	b.d.	0.01719	0.41076	0.84461	b.d.	0.05591	0.00207	b.d.	0.61812	79.99456	
173-1068A-24R-1W, 73-74	20	50.9113	0.45931	0.08427	5.64421	25.9138	b.d.	0.07062	b.d.	0.08264	0.29024	0.7796	0.00318	0.11472	b.d.	b.d.	1.20598	85.55987
173-1068A-24R-1W, 73-74	21	50.9552	0.42577	0.05607	0.51158	25.0084	b.d.	0.02447	0.02554	0.05134	0.49757	0.88109	0.01072	0.08627	0.02272	b.d.	1.44198	79.99872
173-1068A-24R-1W, 73-74	22	57.6538	0.44879	0.10276	0.51741	18.0638	b.d.	0.01888	0.0066	b.d.	0.25084	0.71313	0.00152	0.05261	0.02502	b.d.	1.18067	79.03583
173-1068A-24R-1W, 73-74	23	59.3962	0.44891	0.10476	0.64235	19.1934	0.01998	0.0303	0.01637	b.d.	0.16503	0.65887	b.d.	0.07674	b.d.	0.91967	81.67258	
173-1068A-24R-1W, 73-74	24	41.9063	0.14993	0.20504	19.2854	16.7994	b.d.	0.09851	0.07301	0.10137	0.52999	0.33004	0.00325	0.52922	b.d.	b.d.	1.72464	81.7361
173-1068A-24R-1W, 73-74	25	38.8503	0.02762	0.2656	40.7905	6.15023	0.03337	0.03131	0.04516	b.d.	0.03035	0.08699	0.00271	0.07672	0.01253	b.d.	0.35718	86.76057
173-1068A-24R-1W, 73-74	26	37.7565	0.04264	0.37105	40.0937	6.86442	b.d.	0.0682	0.04854	b.d.	0.05467	0.08438	0.00581	0.10067	b.d.	b.d.	0.51868	86.00926
173-1068A-24R-1W, 73-74	27	37.7912	0.04243	0.47697	39.7785	6.89901	b.d.	0.07198	0.05198	0.05441	0.10322	0.09361	b.d.	0.13176	b.d.	0.00847	0.63831	86.14185
173-1068A-24R-1W, 73-74	28	36.1787	0.04881	0.50306	36.1916	6.01444	b.d.	0.08727	0.05609	0.05277	0.23303	0.06099	0.00955	0.12536	b.d.	0.0029	0.89194	80.45651
173-1068A-24R-1W, 73-74	29	34.5237	0.07792	0.52986	32.5445	5.64132	0.0967	0.13009	0.09547	0.04878	0.37107	0.12228	0.0047	0.18719	b.d.	0.01775	1.12899	75.52032
173-1068A-24R-1W, 73-74	30	32.3257	0.0657	0.43421	30.1715	5.53912	0.085	0.07833	0.1211	0.00224	0.33884	0.10216	b.d.	0.1436	b.d.	b.d.	1.03305	70.44055
173-1068A-24R-1W, 73-74	31	31.7835	0.05999	0.45975	30.8613	5.54973	b.d.	0.09838	0.09259</td									

173-1068A-24R-1W, 73-74	47	38.7583	0.07678	0.23411	38.0347	4.03972	0.06338	0.05761	0.01589	b.d.	0.1829	0.02967	0.00536	0.08222	n.a.	b.d.	0.24354	81.82418
173-1068A-24R-2W, 56-59	48	47.3413	0.44746	0.09673	0.60374	18.2501	b.d.	0.07687	0.05395	0.02255	0.41919	0.70234	0.00949	0.13417	n.a.	b.d.	0.95312	69.11101
173-1068A-24R-2W, 56-59	49	49.0585	0.45227	0.10176	0.57639	17.8937	b.d.	0.05985	b.d.	0.03218	0.40033	0.72771	b.d.	0.06043	n.a.	b.d.	0.80075	70.16387
173-1068A-24R-2W, 56-59	50	48.9135	0.43702	0.08139	0.55613	17.2778	0.06291	0.04444	b.d.	0.0516	0.349	0.65839	b.d.	0.07943	n.a.	b.d.	0.88886	69.40047
173-1068A-24R-2W, 56-59	51	49.4286	0.44471	0.08138	1.15221	16.6947	0.01154	0.04767	0.04443	0.00645	0.40701	0.68937	0.00863	0.06752	n.a.	b.d.	0.75797	69.84219
173-1068A-24R-2W, 56-59	52	50.0856	0.43873	0.10577	0.74355	17.0298	0.11002	0.01279	b.d.	0.00966	0.44014	0.58874	b.d.	0.05699	n.a.	b.d.	0.82236	70.44415
173-1068A-24R-2W, 56-59	53	42.4646	0.28841	0.12858	14.8735	13.5708	b.d.	0.11329	0.03004	0.02255	0.29607	0.47384	0.00954	0.09031	n.a.	b.d.	1.05582	73.41735
173-1068A-24R-2W, 56-59	54	40.8877	0.19489	0.09742	25.2938	11.5864	0.08636	0.06379	b.d.	0.08959	0.17568	0.36973	0.00144	0.03714	n.a.	b.d.	0.55812	79.44206
173-1068A-24R-2W, 56-59	55	49.3833	0.49449	0.07238	0.67968	17.169	0.06393	0.02219	b.d.	0.06445	0.44969	0.589	0.00862	0.06499	n.a.	b.d.	0.65652	69.71824
173-1068A-24R-2W, 56-59	56	49.1484	0.4554	0.08726	1.02162	16.9721	0.01154	0.05948	b.d.	0.02258	0.44694	0.61865	b.d.	0.05302	n.a.	b.d.	0.74953	69.64652
173-1068A-24R-2W, 56-59	57	42.3156	0.20509	0.08137	23.5789	10.1222	0.03084	0.05583	0.0356	0.05164	0.31144	0.30874	b.d.	0.04347	n.a.	b.d.	0.55219	77.69291
173-1068A-24R-2W, 56-59	58	49.241	0.43836	0.06011	0.64701	16.7333	b.d.	0.08637	b.d.	0.04536	0.31675	0.56415	0.00463	0.08278	n.a.	0.01238	0.96804	69.20024
173-1068A-24R-2W, 56-59	59	49.8937	0.41644	0.05231	1.41338	16.5288	0.01896	0.04303	0.02479	0.03235	0.39295	0.67505	b.d.	0.08287	n.a.	b.d.	0.84216	70.41679
173-1068A-24R-2W, 56-59	60	38.5089	0.05538	0.18471	37.2746	6.77747	0.01705	0.04315	0.00513	0.02891	0.28826	0.10829	0.00728	0.04756	n.a.	0.03224	0.29238	83.67131
173-1068A-24R-2W, 56-59	61	47.8469	0.50118	0.0901	0.73167	18.5746	0.05033	0.02612	0.04421	0.02906	0.41718	0.63801	b.d.	0.11521	n.a.	b.d.	0.72464	69.78921
173-1068A-24R-2W, 56-59	62	38.7153	0.11803	0.18372	35.7991	7.1934	0.05214	0.08783	0.01536	0.13486	0.31849	0.15068	0.00553	0.04591	n.a.	b.d.	0.41272	83.23307
173-1068A-24R-2W, 56-59	63	41.4884	0.20316	0.22221	18.2159	13.2377	0.06766	0.14788	0.02008	0.01288	0.43327	0.33234	0.01276	0.12468	n.a.	b.d.	1.22669	75.74561
173-1068A-24R-2W, 56-59	64	42.414	0.23509	0.11815	20.5064	11.7113	b.d.	0.08225	0.06567	0.03869	0.36628	0.33459	0.01045	0.06009	n.a.	b.d.	0.81207	76.75503
173-1068A-24R-2W, 56-59	65	38.4782	0.12765	0.2278	31.8359	6.79288	0.06965	0.08006	0.01549	0.02266	0.34852	0.17234	0.00117	0.05306	n.a.	b.d.	0.51275	78.73813
173-1068A-24R-2W, 56-59	66	38.7966	1.51858	0.12868	29.8553	7.80096	b.d.	0.05489	b.d.	0.0194	0.07026	0.21124	0.01018	0.04158	n.a.	b.d.	0.35374	78.86141
173-1068A-24R-2W, 56-59	67	40.5997	0.5742	0.17013	27.2242	10.1745	0.02333	0.06764	0.01521	0.01928	0.3647	0.23396	0.01739	0.06956	n.a.	b.d.	0.53181	80.08561
173-1068A-24R-2W, 56-59	68	37.9417	0.20825	0.34608	38.3674	6.19501	0.10873	0.05749	b.d.	0.03531	0.22129	0.03479	0.00378	0.04908	n.a.	b.d.	0.42558	83.99449
173-1068A-24R-2W, 56-59	69	38.2515	0.2204	0.26345	37.5263	5.12364	0.03962	0.09886	b.d.	b.d.	0.24033	0.11061	0.00613	0.05068	n.a.	0.1209	0.41015	82.46257
173-1068A-24R-2W, 56-59	70	38.0442	0.06905	0.30327	36.5163	7.666717	0.00956	0.05833	0.01532	b.d.	0.38758	0.13889	b.d.	0.06598	n.a.	0.01602	0.43069	83.72236
173-1068A-24R-2W, 56-59	71	38.1978	0.0319	0.36175	40.3935	6.38298	b.d.	0.06551	b.d.	b.d.	0.22649	0.12133	0.00116	0.08898	n.a.	0.04167	0.25429	86.16736
173-1068A-24R-2W, 56-59	72	38.2035	0.03995	0.39512	40.0673	5.97061	b.d.	0.06746	0.01027	b.d.	0.19362	0.10903	0.02182	0.09731	n.a.	b.d.	0.2267	85.40269
173-1068A-24R-2W, 56-59	73	38.0686	0.0381	0.35427	40.4951	6.01223	b.d.	0.05494	b.d.	0.01922	0.07258	0.082	0.01047	0.10145	n.a.	0.06763	0.22858	85.60517
173-1068A-24R-2W, 56-59	74	37.6843	0.03812	0.3913	39.724	6.18006	b.d.	0.05833	b.d.	0.02245	0.13928	0.04635	0.00815	0.0957	n.a.	0.02905	0.24019	84.65728
173-1068A-24R-2W, 56-59	75	45.7731	0.47433	0.0902	0.57747	20.037	b.d.	0.08055	0.00975	0.06757	0.44036	0.68115	b.d.	0.01444	n.a.	b.d.	1.66978	69.9157
173-1068A-24R-2W, 56-59	76	39.5093	0.1508	0.28369	32.6523	10.1005	0.11071	0.08836	0.00504	0.04786	0.23542	0.21517	b.d.	0.08765	n.a.	0.01573	0.54896	84.05149
173-1068A-24R-2W, 56-59	77	37.9857	0.05957	0.32785	40.213	6.54563	b.d.	0.0604	b.d.	b.d.	0.08467	0.07523	0.00436	0.06314	n.a.	b.d.	0.2112	85.63075
173-1068A-24R-2W, 56-59	78	37.9228	0.03651	0.36157	40.2464	6.60909	0.02656	0.06042	b.d.	b.d.	0.18128	0.00963	b.d.	0.08534	n.a.	b.d.	0.23211	85.77171
173-1068A-24R-2W, 56-59	79	38.3827	0.59033	0.1826	35.7851	7.2849	b.d.	0.09516	b.d.	0.05773								

173-1068A-24R-2W, 56-59	98	37.9092	0.05736	0.67891	39.1995	5.47297	0.08427	0.09564	0.17237	b.d.	0.12898	0.10678	0.01682	0.05137	n.a.	b.d.	0.22131	84.19548
173-1068A-24R-2W, 56-59	99	37.4775	0.07047	0.81536	38.6311	5.695	b.d.	0.10351	0.04697	0.01627	0.29497	0.0911	0.00885	0.06024	n.a.	b.d.	0.25935	83.57069
173-1068A-24R-2W, 56-59	100	36.9532	0.09267	0.71067	38.0522	6.10031	0.01406	0.10938	0.09915	b.d.	0.16615	0.07652	0.02215	0.06282	n.a.	b.d.	0.29166	82.75094
173-1068A-24R-2W, 56-59	101	37.2315	0.08103	0.57607	38.2153	6.15272	0.07668	0.09345	0.05212	b.d.	0.26123	0.08034	0.01032	0.0471	n.a.	0.04277	0.25459	83.17522
173-1068A-24R-2W, 56-59	102	36.3915	0.08644	0.71063	37.0069	6.44608	0.01406	0.10822	0.08863	0.04892	0.35417	0.07947	0.00679	0.0936	n.a.	b.d.	0.31436	81.74977
173-1068A-24R-2W, 56-59	103	36.4511	0.07615	0.62454	36.9928	6.807	0.04757	0.0977	0.0625	0.02935	0.2988	0.03239	0.00177	0.06329	n.a.	b.d.	0.35477	81.93973
173-1068A-24R-2W, 56-59	104	36.6825	0.06529	0.64315	37.2273	6.33679	0.00217	0.10143	0.10443	0.0457	0.16953	0.01277	0.00414	0.07851	n.a.	b.d.	0.34475	81.81846
173-1068A-24R-2W, 56-59	105	36.9418	0.08677	0.65382	37.5029	5.87022	0.09087	0.09472	0.15674	0.04891	0.28939	0.10793	0.00886	0.07011	n.a.	0.0364	0.36397	82.32341
173-1068A-24R-2W, 56-59	106	37.3288	0.07657	0.76146	38.0095	5.37146	0.02059	0.08556	0.08383	b.d.	0.19102	0.07664	0.03135	0.06288	n.a.	b.d.	0.2924	82.39206
173-1068A-24R-2W, 56-59	107	38.4337	0.07613	0.30753	39.9271	4.97689	0.00649	0.08154	0.0471	b.d.	0.22728	0.0872	0.0192	0.04566	n.a.	0.01317	0.24211	84.4911
173-1068A-24R-2W, 56-59	108	41.2632	0.53117	0.1471	9.58357	17.464	b.d.	0.11259	b.d.	0.02618	0.28271	0.47062	0.00907	0.10806	n.a.	b.d.	0.90956	70.90783
173-1068A-24R-2W, 56-59	109	45.681	0.65996	0.02497	1.73726	19.5639	0.05515	0.06926	0.0595	0.04578	0.15539	0.71328	0.00525	0.07505	n.a.	b.d.	0.69361	69.53936
173-1068A-24R-2W, 56-59	110	44.1706	0.49493	0.0854	9.52933	17.0341	b.d.	0.06151	b.d.	0.06852	0.18892	0.61456	0.00848	0.10767	n.a.	b.d.	0.83173	73.19575
173-1068A-24R-2W, 56-59	111	37.6767	0.12306	0.22341	31.2642	8.38461	0.07244	0.10417	0.04154	0.03599	0.27833	0.24414	0.01389	0.075	n.a.	0.02304	0.54167	79.10219
173-1068A-24R-2W, 56-59	112	37.6517	0.09924	0.27296	35.5854	6.11909	0.05643	0.08348	0.01047	b.d.	0.31208	0.14476	0.01777	0.06543	n.a.	0.06297	0.48299	80.96477
173-1068A-25R-1W, 104-106	113	46.2338	0.63016	0.04764	3.88135	18.2652	b.d.	0.06014	0.05395	0.01608	0.3573	0.56296	0.01321	0.18956	n.a.	b.d.	0.74861	71.05996
173-1068A-25R-1W, 104-106	114	43.6905	1.20591	0.05847	6.22112	18.1471	b.d.	0.06267	b.d.	0.07713	0.35095	0.47467	0.02611	0.11395	n.a.	b.d.	1.00985	71.43843
173-1068A-25R-1W, 104-106	115	35.0532	1.09046	0.00949	2.69366	27.5037	b.d.	0.30303	b.d.	0.0318	0.41846	0.93409	0.00681	0.22383	n.a.	b.d.	1.76798	70.03651
173-1068A-25R-1W, 104-106	116	45.4699	0.73073	0.06092	4.91236	18.3295	b.d.	0.11337	0.0049	0.12844	0.4239	0.54064	b.d.	0.11152	n.a.	b.d.	0.84565	71.67183
173-1068A-25R-1W, 104-106	117	45.128	0.70421	0.03788	4.81064	19.6035	b.d.	0.0881	b.d.	0.07368	0.28616	0.69096	0.00658	0.09192	n.a.	b.d.	0.76262	72.28425
173-1068A-25R-1W, 104-106	118	45.7512	0.63341	0.02255	3.28309	19.3097	b.d.	0.09033	b.d.	0.08024	0.2348	0.71248	0.00143	0.13522	n.a.	b.d.	0.98427	71.23872
173-1068A-25R-1W, 104-106	119	44.4784	0.64189	0.07972	6.1611	18.5096	b.d.	0.0591	b.d.	0.05777	0.33838	0.59279	b.d.	0.12106	n.a.	b.d.	0.85978	71.89959
173-1068A-25R-1W, 104-106	120	44.9528	0.58364	0.06389	5.49653	18.3253	0.0094	0.09791	0.03429	0.06097	0.35961	0.6322	0.00833	0.09193	n.a.	b.d.	1.13478	71.85158
173-1068A-25R-1W, 104-106	121	45.0911	0.68257	0.01607	4.33194	19.8313	0.01456	0.0573	0.02917	0.09608	0.39569	0.57214	b.d.	0.12178	n.a.	b.d.	0.86807	72.10777
173-1068A-25R-1W, 104-106	122	42.5319	0.5732	0.03969	10.6806	19.741	b.d.	0.05576	0.02911	0.08282	0.3602	0.57311	0.00943	0.12964	n.a.	b.d.	0.86215	75.66861
173-1068A-25R-1W, 104-106	123	41.6687	0.54887	0.11286	13.276	18.262	0.03955	0.07266	b.d.	0.01914	0.30599	0.55118	b.d.	0.1109	n.a.	b.d.	0.91001	75.87786
173-1068A-25R-1W, 104-106	124	45.2929	0.58	0.06206	5.28576	18.6249	b.d.	0.09196	0.03426	b.d.	0.38984	0.48724	b.d.	0.15979	n.a.	b.d.	1.35723	72.36594
173-1068A-25R-1W, 104-106	125	45.6392	0.57565	0.0625	6.80196	17.2094	b.d.	0.11314	0.064	0.06418	0.48429	0.53848	b.d.	0.13865	n.a.	b.d.	1.2785	72.96995
173-1068A-25R-1W, 104-106	126	44.7368	0.51934	0.05019	7.16841	17.9764	b.d.	0.13706	b.d.	0.0352	0.51041	0.57367	b.d.	0.14724	n.a.	b.d.	1.76949	73.62421
173-1068A-25R-1W, 104-106	127	38.3694	0.06189	0.20151	37.8576	6.63073	0.16127	0.091	0.00511	0.00639	0.39549	0.08371	b.d.	0.10141	n.a.	b.d.	0.55736	84.52287
173-1068A-25R-1W, 104-106	128	38.9952	0.05646	0.14339	39.4433	5.46631	0.03191	0.07639	b.d.	0.016	0.31417	0.04431	b.d.	0.05474	n.a.	0.00966	0.27423	84.92607
173-1068A-25R-1W, 104-106	129	38.5908	0.04202	0.1838	38.6554	5.81772	b.d.	0.08928	0.01026	0.0032	0.39274	0.10208	0.00784	0.0892	n.a.	b.d.	0.35381	84.33815
173-1068A-25R-1W, 104-106	130	38.661	0.07027	0.13295	38.													

173-1068A-25R-1W, 104-106	149	38.8452	0.09309	0.20947	39.1187	5.00956	b.d.	0.1237	0.03606	0.09294	0.24801	0.11765	b.d.	0.07849	n.a.	0.0356	0.30888	84.31735
173-1068A-25R-1W, 104-106	150	44.0112	0.49705	0.09708	7.12702	17.2613	b.d.	0.07158	b.d.	0.06757	0.37265	0.5796	0.01151	0.10222	n.a.	b.d.	0.77455	70.97333
173-1068A-25R-1W, 104-106	151	48.0857	0.63486	0.04595	2.33106	17.1286	b.d.	0.06416	0.00986	b.d.	0.37628	0.4391	0.0023	0.08353	n.a.	b.d.	0.68039	69.88179
173-1068A-25R-1W, 104-106	152	42.0931	0.29163	0.10379	26.7871	9.07656	0.14405	0.0668	0.01016	0.05454	0.40047	0.30014	0.00347	0.04955	n.a.	b.d.	0.31429	79.69565
173-1068A-25R-1W, 104-106	153	48.1931	0.65657	0.10292	2.38772	16.9283	0.03357	0.05826	0.00987	0.10634	0.32421	0.5416	b.d.	0.12106	n.a.	b.d.	0.74998	70.2135
173-1068A-25R-1W, 104-106	154	39.1582	0.07241	0.19107	37.051	5.93425	0.02126	0.08326	b.d.	0.05123	0.43833	0.08766	0.00552	0.09525	n.a.	b.d.	0.52245	83.71189
173-1068A-25R-1W, 104-106	155	38.6329	0.05995	0.2381	38.6443	4.9718	0.05331	0.11242	0.04126	b.d.	0.25733	0.05794	0.02153	0.10062	n.a.	0.02597	0.36327	83.5807
173-1068A-25R-1W, 104-106	156	38.8613	0.07595	0.16246	38.3677	4.8039	0.08961	0.07637	0.03097	0.00321	0.35138	0.06955	0.00204	0.03407	n.a.	b.d.	0.26046	83.18897
173-1068A-25R-1W, 104-106	157	38.8564	0.08943	0.16948	38.237	5.00882	b.d.	0.09614	0.05155	0.00962	0.35422	0.10715	0.00524	0.05366	n.a.	0.06812	0.26823	83.37506
173-1068A-25R-1W, 104-106	158	38.9775	0.07076	0.17224	38.4876	4.61009	b.d.	0.06698	0.062	0.01284	0.35747	0.11786	0.00757	0.06506	n.a.	0.04554	0.303	83.35651
173-1068A-25R-1W, 104-106	159	39.0311	0.08669	0.15169	38.2324	5.12394	b.d.	0.06817	b.d.	b.d.	0.3149	0.06662	0.00495	0.06709	n.a.	b.d.	0.33398	83.48153
173-1068A-25R-1W, 104-106	160	39.5955	0.07473	0.22151	38.3982	4.56629	0.00427	0.09747	b.d.	b.d.	0.28756	0.11683	0.01397	0.08416	n.a.	0.06483	0.36038	83.8857
173-1068A-25R-1W, 104-106	161	38.0501	0.08419	0.20633	37.6003	5.80038	b.d.	0.11364	0.036	b.d.	0.2696	0.12072	0.01599	0.0706	n.a.	0.0616	0.35538	82.78483
173-1068A-25R-1W, 104-106	162	38.3856	0.07105	0.22015	38.4121	4.95468	b.d.	0.11563	0.05678	b.d.	0.19999	0.04446	0.00582	0.0743	n.a.	0.02929	0.32536	82.89521
173-1068A-25R-1W, 104-106	163	38.8966	0.06822	0.14204	37.6879	5.31825	b.d.	0.0964	0.02575	b.d.	0.31493	0.17668	0.01163	0.05466	n.a.	b.d.	0.30113	83.09419
173-1068A-25R-1W, 104-106	164	38.4477	0.07811	0.16743	38.5906	4.94566	0.0448	0.10547	0.00516	b.d.	0.33023	0.14298	0.01019	0.06402	n.a.	b.d.	0.26615	83.1985
173-1068A-25R-1W, 104-106	165	38.2816	0.06637	0.17789	38.095	5.33048	0.14386	0.1017	0.01545	b.d.	0.30286	0.10719	0.00465	0.07116	n.a.	0.0065	0.30378	83.00849
173-1068A-25R-1W, 104-106	166	38.9452	0.06458	0.20659	38.7221	4.68576	b.d.	0.10184	0.02065	b.d.	0.26041	0.10045	0.00087	0.06506	n.a.	0.06821	0.28154	83.52326
173-1068A-25R-1W, 104-106	167	50.0264	0.63259	0.08646	1.88565	15.7069	0.01895	0.0506	b.d.	0.00323	0.29724	0.44399	b.d.	0.09926	n.a.	b.d.	0.45589	69.70716
173-1068A-25R-1W, 104-106	168	49.7435	0.68826	0.06692	1.91871	15.7026	0.0179	0.06681	0.04966	0.02585	0.30958	0.43046	0.01412	0.10528	n.a.	0.02479	0.43715	69.60159
173-1068A-25R-1W, 104-106	169	42.0755	0.25935	0.16953	27.1401	8.98643	b.d.	0.08484	0.04573	0.02568	0.30347	0.18928	0.01071	0.06492	n.a.	b.d.	0.2556	79.61114
173-1068A-25R-1W, 104-106	170	37.7408	0.06101	0.20803	37.9611	6.38223	0.09666	0.06397	0.01537	0.04803	0.39913	0.11946	b.d.	0.07727	n.a.	0.03872	0.22848	83.44026
173-1068A-25R-1W, 104-106	171	39.2378	0.07369	0.16124	38.929	5.04251	b.d.	0.09462	0.03089	b.d.	0.29014	0.06458	b.d.	0.09081	n.a.	b.d.	0.36982	84.3851
173-1068A-25R-1W, 104-106	172	38.8718	0.09873	0.24852	37.5119	6.1594	0.02124	0.09371	b.d.	0.03199	0.35643	0.07509	0.00581	0.10091	n.a.	0.09627	0.48411	84.15591
173-1068A-25R-1W, 104-106	173	40.2596	0.17409	0.11064	32.5385	8.29493	0.02541	0.06797	b.d.	0.0128	0.29633	0.12614	0.00174	0.07331	n.a.	b.d.	0.42616	82.40762
173-1068A-25R-1W, 104-106	174	44.6845	0.51247	0.0809	15.485	13.9156	b.d.	0.054	b.d.	0.03849	0.23105	0.39477	0.01843	0.10817	n.a.	b.d.	0.42943	75.95281
173-1068A-25R-1W, 104-106	175	43.9881	0.50946	0.2041	14.153	15.3109	b.d.	0.0902	0.03464	0.08321	0.45222	0.41293	0.00374	0.14716	n.a.	b.d.	0.69313	76.08279
173-1068A-25R-1W, 104-106	176	39.9683	0.22422	0.32073	30.8576	9.39548	0.02535	0.08162	b.d.	b.d.	0.3354	0.19813	b.d.	0.12066	n.a.	0.07904	0.57876	82.18529
173-1068A-25R-1W, 104-106	177	39.1185	0.09252	0.12148	35.9977	6.65385	0.11989	0.0735	0.00511	0.13438	0.44117	0.16935	0.0058	0.07095	n.a.	b.d.	0.42335	83.42755
173-1068A-25R-1W, 104-106	178	38.3618	0.10301	0.45864	37.8732	5.89485	b.d.	0.10409	0.04614	b.d.	0.43185	0.12898	b.d.	0.11841	n.a.	0.19929	0.47775	84.19801
173-1068A-25R-1W, 104-106	179	37.3063	0.03223	0.30251	38.9534	6.21428	b.d.	0.09508	b.d.	b.d.	0.3116	0.07233	0.01017	0.12379	n.a.	0.01938	0.2888	83.72987
173-1068A-25R-1W, 104-106	180	38.7351	0.05524	0.20117	39.6203	5.24239	0.01383	0.0423	b.d.	0.01921	0.25682	0.21102	0.00726	0.0723	n.a.	0.04847	0.23561	84.76102
173-1068A-25R-1W, 104																		

Table DR2. Density and magnetic susceptibility measurements of partly to completely serpentinized peridotites from various DSDP and ODP sites

Leg, hole, core, section, interval (cm)	Density (g/cm ³)	Magnetic susceptibility (10 ⁻² SI)	Geologic setting	Data source
082-558Z-42R-1W, 9-11	2.62	2.865	mid-ocean ridge	this study
082-558Z-42R-1W, 107-109	2.60	2.477	mid-ocean ridge	this study
082-558Z-42R-1W, 133-135	2.55	1.980	mid-ocean ridge	this study
082-558Z-43R-1W, 026-028	2.57	3.163	mid-ocean ridge	this study
082-558Z-48R-1W, 045-046	2.57	2.522	mid-ocean ridge	this study
107-651A-57R-2W, 140-142	2.62	2.065	*	this study
107-651A-57R-3W, 36-38	2.57	1.076	*	this study
107-651A-58R-1W, 48-50	2.56	0.354	*	this study
107-651A-58R-2W, 40-42	2.59	1.373	*	this study
107-651A-58R-3W, 67-70	2.62	1.932	*	this study
107-651A-58R, 4W, 148-150	2.64	2.167	*	this study
125-779A-03R-1W, 26-28	2.53	0.077	forearc	this study
125-779A-05R-2W, 35-38	2.58	0.385	forearc	this study
125-779A-08R-1W, 45-47	2.72	0.174	forearc	this study
125-779A-09R-2W, 20-22	2.78	0.115	forearc	this study
125-779A-10R-2W, 51-53	2.58	0.105	forearc	this study
125-779A-11R-1W, 85-87	2.54	0.097	forearc	this study
125-779A-13R-2W, 46-48	2.66	0.276	forearc	this study
125-779A-14R-2W, 51-53	2.83	0.200	forearc	this study
125-779A-16R-2W, 85-87	2.74	0.149	forearc	this study
125-779A-17R-4W, 32-34	2.99	0.124	forearc	this study
125-779A-22R-1W, 59-61	2.76	0.148	forearc	this study
125-779A-25R-1W, 88.5-91	2.72	0.140	forearc	this study
125-779A-26R-2W, 72-74	2.80	0.102	forearc	this study
125-779A-26R-2W, 72-74	2.55	0.116	forearc	this study
125-779A-26R-3W, 50-52	2.80	0.237	forearc	this study
125-779A-32R-3W, 19-21	2.68	0.099	forearc	this study
125-779A-33R-2W, 80-82	2.56	0.089	forearc	this study
125-779A-35R-1W, 22-24	2.57	0.611	forearc	this study
125-778A-2R-1, 104-106	2.44	0.197	forearc	Stokking et al. (1992)
125-778A-8R-1, 55-57	2.49	0.497	forearc	Stokking et al. (1992)
125-779A-5R-1, 131-133	2.62	0.281	forearc	Stokking et al. (1992)
125-779A-14R-1, 81-83	2.82	0.994	forearc	Stokking et al. (1992)
125-779A-22R-1, 78-80	2.80	0.572	forearc	Stokking et al. (1992)
125-779A-26R-1, 69-71	2.72	0.654	forearc	Stokking et al. (1992)
125-779A-26R-3, 71-73	2.67	0.254	forearc	Stokking et al. (1992)

125-779A-31R-1, 21-23	2.69	0.007	forearc	Stokking et al. (1992)
125-780C-6R-1, 85-87	2.66	0.841	forearc	Stokking et al. (1992)
125-780C-13R-1, 56-59	3.02	0.978	forearc	Stokking et al. (1992)
125-780C-18R-1, 105-107	2.77	0.363	forearc	Stokking et al. (1992)
125-784A-40R-2, 52-54	2.55	0.006	forearc	Stokking et al. (1992)
125-784A-45R-2, 22-25	2.60	0.180	forearc	Stokking et al. (1992)
125-784A-45R-2, 67-71	2.61	0.349	forearc	Stokking et al. (1992)
147-895D-2R1, 47-49	2.76	1.0	mid-ocean ridge	Oufi et al. (2002)
147-895D-2R2, 47-49	2.69	3.7	mid-ocean ridge	Oufi et al. (2002)
147-895D-3R1, 45-47	2.76	0.6	mid-ocean ridge	Oufi et al. (2002)
147-895D-4R3, 110-112	2.84	0.4	mid-ocean ridge	Oufi et al. (2002)
147-895D-4R5, 3-5	2.86	0.5	mid-ocean ridge	Oufi et al. (2002)
147-895D-5R1, 52-54	2.8	2.5	mid-ocean ridge	Oufi et al. (2002)
147-895D-5R2, 100-102	2.71	1.2	mid-ocean ridge	Oufi et al. (2002)
147-895D-7R1, 119-120	2.68	2.8	mid-ocean ridge	Oufi et al. (2002)
147-895D-7R2, 92-94	2.57	3.3	mid-ocean ridge	Oufi et al. (2002)
147-895D-8R1, 45-47	2.64	2.8	mid-ocean ridge	Oufi et al. (2002)
147-895D-9R1, 120-122	2.58	6.7	mid-ocean ridge	Oufi et al. (2002)
147-895D-2R-1W, 29-31	2.78	0.357	mid-ocean ridge	this study
147-895D-3R-1W, 64-66	2.74	0.172	mid-ocean ridge	this study
147-895D-4R-3W, 114-116	2.84	0.101	mid-ocean ridge	this study
147-895D-5R-1W, 121-123	2.81	0.119	mid-ocean ridge	this study
147-895D-7R-3W, 13-15	2.64	0.407	mid-ocean ridge	this study
149-897D-23R-1W, 17-20	2.51	0.780	passive margin	this study
149-897D-23R-2W, 63-64	2.49	0.762	passive margin	this study
149-897D-24R-3W, 103-106	2.62	1.217	passive margin	this study
153-920B-1W-3W, 64-66	2.63	3.431	mid-ocean ridge	this study
153-920B-2R-1W, 33-37	2.63	2.946	mid-ocean ridge	this study
153-920B-2R-1W, 80-82	2.67	3.027	mid-ocean ridge	this study
153-920B-10R-1W, 82-86	2.63	3.236	mid-ocean ridge	this study
153-920B-10R-1W-108-113	2.70	2.470	mid-ocean ridge	this study
153-920B-10R-2W, 68-70	2.66	3.081	mid-ocean ridge	this study
153-920B-11R-1W, 63-66	2.63	2.023	mid-ocean ridge	this study
153-920B-12R-2W, 140-143	2.62	3.998	mid-ocean ridge	this study
153-920D-03R-1, 22-29	2.62	11.449	mid-ocean ridge	this study
153-920D-04R-1, 30-37	2.57	11.438	mid-ocean ridge	this study
153-920D-04R-1, 66-71	2.66	4.856	mid-ocean ridge	this study
153-920D-05R-2, 71-77	2.58	10.986	mid-ocean ridge	this study
153-920D-05R-3, 109-113	2.54	9.769	mid-ocean ridge	this study
153-920D-05R-4, 132-136	2.60	10.185	mid-ocean ridge	this study

153-920D-07R-2, 78-84	2.68	8.001	mid-ocean ridge	this study
153-920D-08R-1, 108-118	2.55	8.714	mid-ocean ridge	this study
153-920D-11R-3, 121-130	2.69	6.701	mid-ocean ridge	this study
153-920D-14R-2, 33-38	2.62	7.471	mid-ocean ridge	this study
153-920D-14R-3, 23-29	2.81	2.704	mid-ocean ridge	this study
153-920D-20R-1, 75-81	2.59	8.412	mid-ocean ridge	this study
153-920D-22R-4, 97-104	2.61	6.036	mid-ocean ridge	this study
153-920D-14R-3, 110-115	2.63	7.548	mid-ocean ridge	this study
153-920D-14R-2, 55-59	2.71	4.949	mid-ocean ridge	this study
153-920D-14R-2, 97-102	2.83	2.122	mid-ocean ridge	this study
173-1068A-24R-1W, 73-74	2.58	0.143	passive margin	this study
173-1068A-24R-2W, 56-59	2.59	0.238	passive margin	this study
173-1068A-25R-1W, 104-106	2.58	0.042	passive margin	this study
173-1068A-26R-1W, 14-16	2.51	0.028	passive margin	this study
173-1068A-26R-2W, 2-4	2.58	0.028	passive margin	this study
173-1068A-28R-1W, 49-50	2.56	0.038	passive margin	this study
173-1068A-28R-4W, 22-25	2.59	0.049	passive margin	this study
195-1200A-3R-1, 15-17	2.53	2.270	forearc	this study
195-1200A-7R-2,49-51	2.74	0.220	forearc	this study
195-1200A-10R-1, 25-27	2.54	0.359	forearc	this study
195-1200A-12R-1, 13-15	2.52	3.509	forearc	this study
195-1200A-13R-2, 15-17	2.53	4.179	forearc	this study
195-1200A-16R-1, 62-64	2.95	0.253	forearc	this study
195-1200A-16R-2, 11-12	2.66	0.276	forearc	this study
209-1274A-3R-1, 89-91	2.75	0.386	mid-ocean ridge	Shipboard Scientific Party (2004)
209-1274A-4R-1, 55-57	2.72	0.4429	mid-ocean ridge	Shipboard Scientific Party (2004)
209-1274A-5R-1, 125-127	2.60	0.8797	mid-ocean ridge	Shipboard Scientific Party (2004)
209-1274A-5R-2, 22-24	2.62	0.688	mid-ocean ridge	Shipboard Scientific Party (2004)
209-1274A-6R-2, 29-31	2.61	1.278	mid-ocean ridge	Shipboard Scientific Party (2004)
209-1274A-6R-3, 52-54	2.80	0.5478	mid-ocean ridge	Shipboard Scientific Party (2004)
209-1274A-7R-1, 52-54	2.73	0.8541	mid-ocean ridge	Shipboard Scientific Party (2004)
209-1274A-7R-1, 98-100	2.65	0.6366	mid-ocean ridge	Shipboard Scientific Party (2004)
209-1274A-8R-1, 106-108	2.63	1.316	mid-ocean ridge	Shipboard Scientific Party (2004)
209-1274A-11R-1, 74-76	2.61	1.469	mid-ocean ridge	Shipboard Scientific Party (2004)
209-1274A-12R-1, 94-96	2.57	1.617	mid-ocean ridge	Shipboard Scientific Party (2004)
209-1274A-14R-1, 68-70	2.57	2.301	mid-ocean ridge	Shipboard Scientific Party (2004)
209-1274A-15R-1, 101-103	2.52	2.562	mid-ocean ridge	Shipboard Scientific Party (2004)
209-1274A-16R-2, 17-19	2.52	2.415	mid-ocean ridge	Shipboard Scientific Party (2004)
209-1274A-17R-2, 19-21	2.56	3.034	mid-ocean ridge	Shipboard Scientific Party (2004)
209-1274A-20R-1, 145-147	2.44	10.99	mid-ocean ridge	Shipboard Scientific Party (2004)

209-1274A-27R-1, 35-37	2.47	2.112	mid-ocean ridge	Shipboard Scientific Party (2004)
209-1274A-27R-1, 83-85	2.62	1.22	mid-ocean ridge	Shipboard Scientific Party (2004)
* geotectonic setting unclear				

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Table DR3: Serpentization temperatures calculated using the oxygen isotope thermometer of Saccoccia et al. (2009)

Leg, hole, core, interval (cm)	$\delta^{18}\text{O}$	Temperature (°C)	Sample type	Geologic setting	Oxygen isotope data source
109-670A-5R1, 135-139	2.6	264	bastite replacing orthopyroxene	mid-ocean ridge	Agrinier and Cannat (1997)
109-670A-5R1, 135-139	2.6	264	serpentine after olivine	mid-ocean ridge	Agrinier and Cannat (1997)
109-670A-5R1, 135-139	2.8	260	black serpentine mesh	mid-ocean ridge	Agrinier and Cannat (1997)
109-670A-5R2, 0-4	3.2	251	serpentine after olivine	mid-ocean ridge	Agrinier and Cannat (1997)
147-895D-2R2, 29-32	4.8	221	serpentine	mid-ocean ridge	Früh-Green et al. (1996)
147-895D-3R1, 123-126	4.9	219	serpentine	mid-ocean ridge	Früh-Green et al. (1996)
147-895D-4R4, 96-99	3.2	251	serpentine	mid-ocean ridge	Früh-Green et al. (1996)
147-895D-5R2, 107-108	4.9	219	serpentine	mid-ocean ridge	Früh-Green et al. (1996)
147-895D-6R1, 54-55	4.4	228	serpentine	mid-ocean ridge	Früh-Green et al. (1996)
147-895D-8R2, 82-86	4.1	234	serpentine	mid-ocean ridge	Früh-Green et al. (1996)
147-895D-9R1, 125-129	3.4	247	serpentine	mid-ocean ridge	Früh-Green et al. (1996)
147-895D-9R1, 148-150	4.5	226	serpentine	mid-ocean ridge	Früh-Green et al. (1996)
149-897C-65R1, 48-52	10.9	141	serpentine	passive margin	Agrinier et al. (1996)
149-897C-72R1, 40-47	9.6	155	serpentine	passive margin	Agrinier et al. (1996)
149-897D-16R2, 35-42	3.8	239	serpentine	passive margin	Agrinier et al. (1996)
149-897D-19R1, 85-88	11.8	132	serpentine	passive margin	Agrinier et al. (1996)
149-897D-19R4, 28-35	11.3	137	serpentine	passive margin	Agrinier et al. (1996)
149-897D-19R5, 62-69	8.8	164	serpentine	passive margin	Agrinier et al. (1996)
149-897D-20R2, 115-120	12.2	128	serpentine	passive margin	Agrinier et al. (1996)
149-897D-23R1, 62-68	10.5	145	serpentine	passive margin	Agrinier et al. (1996)
149-897D-24R1, 0-5	9.4	157	serpentine	passive margin	Agrinier et al. (1996)
153-920B-3R1, 115-120	2.6	264	bastite replacing orthopyroxene	mid-ocean ridge	Agrinier and Cannat (1997)
153-920B-3R1, 115-120	2.8	260	serpentine after olivine	mid-ocean ridge	Agrinier and Cannat (1997)
153-920B-3R1, 115-120	2.6	264	black serpentine mesh	mid-ocean ridge	Agrinier and Cannat (1997)
153-920B-6R1, 74-83	2.8	260	black serpentine mesh	mid-ocean ridge	Agrinier and Cannat (1997)
153-920B-6R1, 74-83	2.7	262	late serpentine vein	mid-ocean ridge	Agrinier and Cannat (1997)
153-920B-12R5, 59-65	3.3	249	bastite replacing orthopyroxene	mid-ocean ridge	Agrinier and Cannat (1997)
153-920B-12R5, 59-65	3.5	245	serpentine after olivine	mid-ocean ridge	Agrinier and Cannat (1997)
153-920B-12R5, 59-65	2.6	264	black serpentine mesh	mid-ocean ridge	Agrinier and Cannat (1997)
153-920B-12R5, 59-65	2.5	267	late serpentine vein	mid-ocean ridge	Agrinier and Cannat (1997)
153-920B-13R1, 82-88	4.1	234	bastite replacing orthopyroxene	mid-ocean ridge	Agrinier and Cannat (1997)
153-920B-13R1, 82-88	2.8	260	serpentine after olivine	mid-ocean ridge	Agrinier and Cannat (1997)
153-920B-13R1, 82-88	2.6	264	black serpentine mesh	mid-ocean ridge	Agrinier and Cannat (1997)
153-920D-8R2, 124-128	3.3	249	serpentine mesh	mid-ocean ridge	Agrinier and Cannat (1997)
153-920D-16R1, 14-20	5.3	213	bastite replacing orthopyroxene	mid-ocean ridge	Agrinier and Cannat (1997)
153-920D-16R1, 14-20	3.7	241	serpentine	mid-ocean ridge	Agrinier and Cannat (1997)
153-920D-16R1, 14-20	4.5	226	black serpentine mesh	mid-ocean ridge	Agrinier and Cannat (1997)
153-920D-16R1, 14-20	2.8	260	translucent serpentine at vein margin	mid-ocean ridge	Agrinier and Cannat (1997)
153-920D-22R4, 11-16	3.5	245	serpentine after olivine	mid-ocean ridge	Agrinier and Cannat (1997)
173-1068A (see Table 1 of Skelton & Valley (2000) for reference)	4.89	220	serpentinite (whole rock)	passive margin	Skelton and Valley (2000)
173-1068A (see Table 1 of Skelton & Valley (2000) for reference)	6.9	188	serpentinite (whole rock)	passive margin	Skelton and Valley (2000)

173-1068A (see Table 1 of Skelton & Valley (2000) for reference)	8.49	168	serpentinite (whole rock)	passive margin	Skelton and Valley (2000)
173-1068A (see Table 1 of Skelton & Valley (2000) for reference)	7.43	181	serpentinite (whole rock)	passive margin	Skelton and Valley (2000)
173-1068A (see Table 1 of Skelton & Valley (2000) for reference)	8.57	167	serpentinite (whole rock)	passive margin	Skelton and Valley (2000)
173-1068A (see Table 1 of Skelton & Valley (2000) for reference)	4.03	235	serpentinite (whole rock)	passive margin	Skelton and Valley (2000)
173-1068A (see Table 1 of Skelton & Valley (2000) for reference)	6.85	189	serpentinite (whole rock)	passive margin	Skelton and Valley (2000)
173-1068A (see Table 1 of Skelton & Valley (2000) for reference)	6.48	194	serpentinite (whole rock)	passive margin	Skelton and Valley (2000)
173-1068A (see Table 1 of Skelton & Valley (2000) for reference)	7.6	179	serpentinite (whole rock)	passive margin	Skelton and Valley (2000)
173-1068A (see Table 1 of Skelton & Valley (2000) for reference)	6.7	191	serpentinite (whole rock)	passive margin	Skelton and Valley (2000)
173-1068A (see Table 1 of Skelton & Valley (2000) for reference)	8.07	173	serpentinite (whole rock)	passive margin	Skelton and Valley (2000)
173-1068A (see Table 1 of Skelton & Valley (2000) for reference)	6.59	193	serpentinite (whole rock)	passive margin	Skelton and Valley (2000)
173-1068A (see Table 1 of Skelton & Valley (2000) for reference)	7.44	181	serpentinite (whole rock)	passive margin	Skelton and Valley (2000)
209-1274A-12R1, 134–142	5.3	213	serpentine	mid-ocean ridge	Barnes et al. (2009)
209-1274A-14R1, 30–36	5.2	214	serpentine	mid-ocean ridge	Barnes et al. (2009)
209-1274A-17R1, 121–129	4.4	228	serpentine	mid-ocean ridge	Barnes et al. (2009)
209-1274A-24R1, 16–26	4.2	232	serpentine	mid-ocean ridge	Barnes et al. (2009)

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