

SUPPLEMENTARY DATA

Citation: Rodríguez, G. (2022). Petrographic, chemical and geochronological characteristics of the Onzaga Metarhyolite and its correlation with Ordovician magmatic events in the northern Andes, Colombia. *Boletín Geológico*, 49(1), 7-27. <https://doi.org/10.32685/0120-1425/bol.geol.49.1.2022.571>

Sample identification	Final relation Pb 207 _ U 235	Internal error final relation Pb 207 / U 235 a 2 D.E.	Final relation Pb 206 _ U 238	Internal error final relation Pb 206 / U 235 a 2 D.E.	Correlation error Adjustment (Negative data)	Correlation error Pb 206 _ U 238 vs. Pb 207 _ U 235	Corrected age Pb 206 _ U 238 (M.A.)	Age Pb 207 _ U 235 (M.A.)	% Discord	Corrected age Pb 206 _ U 238 (M.A.)	± Age error Corrected (M.A.)	Corrected error	Corrected age Pb 206 _ U 238 (M.A.)	Th/U
JGB_483_1	0.595	0.016	0.07346	0.00094	0.29399	0.29399	455.4861926	474	4.06	455.49	12.85	2.82	455.49	0.656
JGB_483_2	0.5458	0.008	0.06908	0.00075	0.33071	0.33071	429.6433098	441.6	2.78	429.64	11.65	2.71	429.64	0.461
JGB_483_3	0.537	0.01	0.06731	0.00058	0.3394	0.3394	418.9821081	435.6	3.97	418.98	11.06	2.64	418.98	1.152
JGB_483_4	0.5529	0.0091	0.06753	0.00066	0.24323	0.24323	419.2625977	447.2	6.66	419.26	11.04	2.63	419.26	1.495
JGB_483_5	0.545	0.013	0.06897	0.00082	0.33736	0.33736	428.4052786	441	2.94	428.41	11.65	2.72	428.41	0.919
JGB_483_6	0.4967	0.0095	0.06353	0.00092	0.68601	0.68601	395.8655009	409	3.32	395.87	11.07	2.80	395.87	0.201
JGB_483_7	0.4847	0.0079	0.05688	0.00049	0.18047	0.18047	353.4715405	401.6	13.62	353.47	9.23		353.47	0.413
JGB_483_8	0.575	0.02	0.07445	0.00079	0.096364	0.096364	462.9472288	461	-0.42	462.95	12.29	2.65	462.95	0.838
JGB_483_9	0.582	0.012	0.07499	0.00066	0.36087	0.36087	465.9515844	466	0.01	465.95	12.24	2.63	465.95	0.244
JGB_483_10	0.638	0.02	0.07569	0.00067	0.28611	0.28611	467.7671753	499	6.68	467.77	12.22	2.61	467.77	0.987
JGB_483_11	0.564	0.0099	0.07251	0.00064	0.32572	0.32572	451.0974576	454.7	0.80	451.10	11.65	2.58	451.10	0.540
JGB_483_12	0.628	0.011	0.07909	0.00058	0.12579	0.12579	490.498664	493.4	0.59	490.50	12.22	2.49	490.50	0.619
JGB_483_13	0.5631	0.0086	0.07075	0.00051	0.36257	0.36257	439.828262	453.3	3.06	439.83	11.04	2.51	439.83	0.699
JGB_483_14	0.842	0.038	0.0974	0.0031	0.78595	0.78595	595.9959909	618	3.69	596.00	23.35	3.92	596.00	0.553
JGB_483_15	0.5665	0.0095	0.07262	0.00053	0.26705	0.26705	451.2541481	456.4	1.14	451.25	11.64	2.58	451.25	0.780
JGB_483_16	0.554	0.013	0.0702	0.00098	0.59847	0.59847	436.5260169	447.2	2.45	436.53	12.26	2.81	436.53	0.547
JGB_483_17	0.615	0.014	0.07968	0.00098	0.40309	0.40309	494.550995	485	-1.93	494.55	13.43	2.72	494.55	0.808
JGB_483_18	0.601	0.016	0.07584	0.00062	0.22036	0.22036	470.4933135	475	0.96	470.49	12.24	2.60	470.49	0.644
JGB_483_19	0.613	0.025	0.0758	0.001	0.51807	0.51807	468.4324437	483	3.11	468.43	12.84	2.74	468.43	0.359
JGB_483_20	0.5216	0.0086	0.06737	0.00066	0.5241	0.5241	419.5418565	425.5	1.42	419.54	11.06	2.64	419.54	1.119
JGB_483_21	0.5129	0.0078	0.06603	0.00059	0.59429	0.59429	411.1427782	420.1	2.18	411.14	10.45	2.54	411.14	0.744
JGB_483_22	0.4372	0.0052	0.05116	0.00034	0.52968	0.52968	317.6674862	367.9	15.81	317.67	8.01		317.67	0.884
JGB_483_23	0.5714	0.0096	0.07254	0.00064	0.44637	0.44637	450.6801114	459	1.85	450.68	11.64	2.58	450.68	0.916
JGB_483_24	0.589	0.024	0.075	0.00097	0.19239	0.19239	465.3373004	469	0.79	465.34	12.88	2.77	465.34	0.508
JGB_483_25	0.594	0.014	0.07809	0.00078	0.33614	0.33614	485.0763831	474.2	-2.24	485.08	12.84	2.65	485.08	0.360
JGB_483_26	0.628	0.028	0.0821	0.0017	0.45583	0.45583	509.100451	500	-1.79	509.10	15.87	3.12	509.10	0.781
JGB_483_27	0.537	0.016	0.0691	0.0016	0.59578	0.59578	429.5618978	435	1.27	429.56	14.08	3.28	429.56	0.951
JGB_483_28	0.548	0.024	0.0715	0.0014	0.2866	0.2866	445.0352553	448	0.67	445.04	14.13	3.17	445.04	0.819
JGB_483_29	0.638	0.022	0.0772	0.0011	0.18644	0.18644	477.4162079	492	3.05	477.42	13.42	2.81	477.42	0.558
JGB_483_30	0.614	0.023	0.07629	0.00087	0.20643	0.20643	472.8243531	486	2.79	472.82	12.86	2.72	472.82	0.873
JGB_483_31	0.575	0.032	0.0759	0.0013	0.30315	0.30315	472.9049692	459	-2.94	472.90	14.18	3.00	472.90	0.795
JGB_483_32	0.62	0.018	0.0787	0.0011	0.41643	0.41643	487.7222677	490	0.47	487.72	13.42	2.75	487.72	0.496
JGB_483_33	0.589	0.017	0.0767	0.0011	0.47866	0.47866	476.8032753	469	-1.64	476.80	13.46	2.82	476.80	0.496
JGB_483_34	0.614	0.015	0.07997	0.00086	0.31627	0.31627	496.668156	485.7	-2.21	496.67	13.44	2.71	496.67	0.546
JGB_483_35	0.594	0.014	0.07411	0.00087	0.3956	0.3956	460.3772786	473	2.74	460.38	12.25	2.66	460.38	0.556
JGB_483_36	0.626	0.021	0.0768	0.0014	0.49276	0.49276	475.4563014	491	3.27	475.46	14.63	3.08	475.46	0.349
JGB_483_37	0.582	0.014	0.07241	0.00068	0.35543	0.35543	449.7639746	464.7	3.32	449.76	11.64	2.59	449.76	0.696
JGB_483_38	0.53	0.025	0.0694	0.0012	0.17404	0.17404	432.1748711	437	1.12	432.17	12.95	3.00	432.17	0.441
JGB_483_39	0.583	0.016	0.07775	0.00076	0.29288	0.29288	483.883367	467	-3.49	483.88	12.87	2.66	483.88	0.399
JGB_483_40	0.594	0.014	0.0753	0.0011	0.32929	0.32929	467.7797968	473.1	1.14	467.78	13.45	2.88	467.78	0.415
JGB_483_41	0.622	0.017	0.07675	0.00086	0.18891	0.18891	476.3602771	490	2.86	476.36	12.85	2.70	476.36	0.790
JGB_483_42	0.612	0.018	0.07534	0.00093	0.2854	0.2854	467.2320379	485	3.80	467.23	12.85	2.75	467.23	0.710
JGB_483_43	0.4589	0.0087	0.05715	0.00076	0.33286	0.33286	356.9130062	383	7.31	356.91	9.88	2.77	356.91	1.877
JGB_483_44	0.591	0.023	0.0744	0.001	0.06366	0.06366	462.0287147	470	1.73	462.03	12.89	2.79	462.03	1.305
JGB_483_45	0.59	0.021	0.07257	0.00096	0.3129	0.3129	450.2459067	472	4.83	450.25	12.27	2.72	450.25	0.171
JGB_483_46	0.601	0.013	0.07824	0.00068	0.23968	0.23968	486.68919	477	-1.99	486.69	12.86	2.64	486.69	0.755
JGB_483_47	0.63	0.021	0.0802	0.0014	0.33302	0.33302	497.7051512	496	-0.34	497.71	14.65	2.94	497.71	0.742

AnalysisName	U (ppm)1	Th (ppm)1	Th/U	²⁰⁷ Pb/ ²⁰⁶ Pb	±2σ	²⁰⁷ Pb/ ²³⁵ U	±2σ	²⁰⁶ Pb/ ²³⁸ U	±2σ	Rho	²⁰⁸ Pb/ ²³² Th	±2σ abs	Disc %	Error	²⁰⁶ Pb/ ²³⁸ U	±2σ	²⁰⁷ Pb/ ²³⁵ U	±2σ	²⁰⁷ Pb/ ²⁰⁶ Pb	±2σ	Best age (Ma)	Unc 2σ
Zircon-241	133	86	0.65	0.0697	0.0044	0.71	0.054	0.0733	0.0015	0.26372	0.0257	0.0024	16.059	0.020184291	455.8	9.2	543	31	932	97	455.8	9.2
Zircon-262	489	714	1.46	0.0639	0.0037	0.622	0.041	0.071	0.0012	0.023767	0.0239	0.0011	10.445	0.016500904	442.4	7.3	494	24	743	87	442.4	7.3
Zircon-254	365	720	1.97	0.062	0.049	0.6	2.5	0.075	0.018	-0.15961	0.026	0.067	7.000	0.204301075	465	95	500	260	660	460	465	95
Zircon-232	124	66.4	0.54	0.054	0.0063	0.425	0.082	0.0566	0.0031	0.38877	0.0246	0.0018	0.560	0.053521127	355	19	357	49	430	150	355	19
Zircon-264	415	1230	2.96	0.0578	0.0023	0.554	0.041	0.0706	0.0042	0.51437	0.0249	0.0027	1.782	0.058956916	441	26	449	29	489	49	441	26
Zircon-212-2	202	34	0.17	0.0612	0.0029	0.605	0.029	0.0713	0.0018	0.33742	0.0263	0.0017	7.500	0.024774775	444	11	480	19	651	87	444	11
Zircon-209	99.5	51.8	0.52	0.0561	0.0035	0.599	0.053	0.0775	0.0042	0.63795	0.0225	0.0013	-0.208	0.051975052	481	25	480	32	454	65	481	25
Zircon-261	256	48.8	0.19	0.0648	0.0032	0.89	0.11	0.1015	0.0073	0.52586	0.0356	0.0031	3.709	0.065810594	623	41	647	45	810	53	623	41
Zircon-265	310	210	0.68	0.053	0.0034	0.209	0.013	0.02966	0.0006	0.19902	0.00977	0.00051	2.887	0.019639066	188.4	3.7	194	10	344	65	188.4	3.7
Zircon-266	187	183	0.98	0.0528	0.0039	0.219	0.017	0.02997	0.0007	0.22159	0.0103	0.00057	4.850	0.024172359	190.3	4.6	200	14	366	87	190.3	4.6
Zircon-214	668	83.8	0.13	0.0552	0.002	0.498	0.019	0.0657	0.001	0.3626	0.0202	0.001	0.000	0.015365854	410	6.3	410	13	431	48	410	6.3
Zircon-216	392	419	1.07	0.0572	0.0029	0.54	0.029	0.0691	0.0012	0.035515	0.02138	0.00099	2.159	0.016260163	430.5	7	440	19	487	55	430.5	7
Zircon-208_LMC-076	243	24	0.10	0.0562	0.0026	0.543	0.025	0.0699	0.0013	0.0047342	0.0242	0.0016	1.000	0.017447199	435.6	7.6	440	16	426	68	435.6	7.6
Zircon-217	137	51	0.37	0.0583	0.0032	0.557	0.032	0.0705	0.0014	0.11238	0.0223	0.0013	3.135	0.018687329	438.8	8.2	453	21	539	57	438.8	8.2
Zircon-234	322	131	0.41	0.0561	0.0024	0.549	0.024	0.0709	0.0013	0.22397	0.0211	0.001	0.809	0.016991391	441.4	7.5	445	16	459	48	441.4	7.5
Zircon-215	267	125	0.47	0.0562	0.0022	0.543	0.022	0.0709	0.0012	0.21355	0.0212	0.0011	-0.181	0.016296967	441.8	7.2	441	14	446	39	441.8	7.2
Zircon-255	172	91.9	0.53	0.0575	0.0027	0.555	0.024	0.0714	0.0013	0.018761	0.0209	0.0012	0.492	0.017535971	444.8	7.8	447	16	486	71	444.8	7.8
Zircon-231	196	132	0.67	0.0564	0.0028	0.551	0.028	0.0716	0.0015	0.38808	0.0224	0.0011	-0.180	0.01915478	445.8	8.7	445	19	471	56	445.8	8.7
Zircon-226	392	901	2.30	0.0553	0.0023	0.554	0.023	0.0719	0.0013	0.1316	0.02254	0.00093	0.112	0.017206704	447.5	7.7	448	14	431	45	447.5	7.7
Zircon-253	299	238	0.80	0.0561	0.0024	0.55	0.024	0.0719	0.0013	0.16836	0.0227	0.001	-0.946	0.017402945	448.2	7.8	444	16	452	57	448.2	7.8
Zircon-244	334	418	1.25	0.0561	0.0023	0.556	0.023	0.0721	0.0013	0.013487	0.0231	0.001	-0.112	0.016945373	448.5	7.6	448	15	474	49	448.5	7.6
Zircon-236	513	1210	2.36	0.0555	0.0022	0.557	0.023	0.0722	0.0012	0.28517	0.02169	0.00089	-0.022	0.015586729	449.1	7	449	15	438	52	449.1	7
Zircon-224	64.4	34.3	0.53	0.0562	0.004	0.556	0.039	0.0726	0.0017	0.1113	0.0243	0.0014	-1.121	0.024390244	451	11	446	26	450	74	451	11
Zircon-222	372	108	0.29	0.0566	0.0022	0.568	0.023	0.0726	0.0012	0.1478	0.025	0.0013	1.354	0.015493581	451.8	7	458	15	478	54	451.8	7
Zircon-240	129	504	3.91	0.0551	0.0033	0.557	0.032	0.0726	0.0014	0.006842	0.02242	0.00097	0.044	0.019034971	451.8	8.6	452	21	417	67	451.8	8.6
Zircon-218	361	90.5	0.25	0.0554	0.0024	0.553	0.024	0.0727	0.0012	0.064614	0.0241	0.0013	-1.457	0.015469613	452.5	7	446	16	441	49	452.5	7
Zircon-210	275	49.2	0.18	0.0541	0.0026	0.551	0.025	0.0729	0.0012	0.065771	0.0224	0.0013	-1.888	0.015880018	453.4	7.2	445	16	403	56	453.4	7.2
Zircon-228	121	102	0.84	0.0574	0.0035	0.57	0.034	0.0732	0.0015	0.10025	0.0227	0.0011	1.065	0.020215337	455.1	9.2	460	21	493	73	455.1	9.2
Zircon-257	417	333	0.80	0.0567	0.0023	0.568	0.025	0.0732	0.0013	0.11126	0.0229	0.001	0.175	0.016695958	455.2	7.6	456	16	446	55	455.2	7.6
Zircon-238	105	37.8	0.36	0.0565	0.0031	0.574	0.029	0.0732	0.0015	0.011272	0.0263	0.0016	0.763	0.020197585	455.5	9.2	459	19	522	61	455.5	9.2
Zircon-246	304	123	0.40	0.0573	0.0028	0.575	0.028	0.0733	0.0012	0.040732	0.0235	0.0011	1.150	0.016238754	455.7	7.4	461	17	492	60	455.7	7.4
Zircon-263	461	594	1.29	0.0563	0.0094	0.56	0.13	0.0732	0.0017	0.27479	0.0249	0.002	-0.220	0.021929825	456	10	455	64	450	220	456	10
Zircon-225	337	141	0.42	0.0562	0.0025	0.575	0.025	0.0733	0.0012	0.37477	0.0239	0.0014	1.041	0.015563349	456.2	7.1	461	16	461	73	456.2	7.1
Zircon-249	698	2280	3.27	0.0564	0.0021	0.568	0.023	0.0735	0.0014	0.54013	0.023	0.001	-0.197	0.017947034	456.9	8.2	456	15	462	47	456.9	8.2
Zircon-250	528	2650	5.02	0.0552	0.0021	0.556	0.021	0.0733	0.0012	0.0096064	0.02319	0.00094	-1.759	0.015101773	456.9	6.9	449	14	438	42	456.9	6.9
Zircon-242	450	480	1.07	0.0591	0.0049	0.598	0.029	0.0734	0.0035	0.15474	0.023	0.0016	3.586	0.048140044	457	22	474	18	490	110	457	22
Zircon-258	233	440	1.89	0.0546	0.0026	0.56	0.026	0.0735	0.0014	0.061923	0.02273	0.00096	-1.556	0.018818381	457	8.6	450	17	393	68	457	8.6
Zircon-223	206	71.2	0.35	0.0557	0.0027	0.568	0.027	0.0735	0.0012	0.12242	0.0227	0.0012	0.131	0.016397027	457.4	7.5	458	18	459	50	457.4	7.5
Zircon-229	124	49.7	0.40	0.0584	0.0035	0.584	0.031	0.0736	0.0016	0.064305	0.0255	0.0013	1.505	0.021834061	458	10	465	20	511	86	458	10
Zircon-213	241	180	0.75	0.0563	0.0026	0.574	0.024	0.0737	0.0015	0.16006	0.0239	0.0013	1.015	0.018983199	458.3	8.7	463	15	537	58	458.3	8.7
Zircon-260_1	469	1680	3.58	0.0573	0.0023	0.578	0.023	0.0744	0.0013	0.28148	0.0253	0.0011	0.345	0.016435986	462.4	7.6	464	15	483	40	462.4	7.6
Zircon-247	547	2680	4.90	0.0558	0.0022	0.574	0.022	0.0749	0.0013	0.18495	0.02317	0.00095	-1.196	0.016541353	465.5	7.7	460	14	455	49	465.5	7.7
Zircon-211	179	72.2	0.40	0.0544	0.0026	0.569	0.028	0.0751	0.0017	0.15865	0.022	0.0012	-2.412	0.021413276	467	10	456	18	417	66	467	10
Zircon-235	647	514	0.79	0.0571	0.0022	0.592	0.023	0.0755	0.0012	0.34559	0.0231	0.001	0.425	0.015565032	469	7.3	471	15	506	44	469	7.3
Zircon-252	369	1280	3.47	0.0556	0.0025	0.582	0.024	0.0757	0.0014	0.18706	0.0245	0.001	-1.204	0.018699533	470.6	8.8	465	15	420	67	470.6	8.8
Zircon-219	88	52.7	0.60	0.058	0.0038	0.618	0.038	0.0762	0.0016	0.17527	0.0221	0.0014	2.752	0.020692568	473.6	9.8	487	23	518	73	473.6	9.8
Zircon-251	225	108	0.48	0.0562	0.0027	0.584	0.029	0.0763	0.0017	0.33028	0.0222	0.0013	-1.717	0.021097046	474	10	466	18	455	56	474	10
Zircon-237	104.6	48.3	0.46	0.0557	0.003	0.586	0.032	0.0765	0.0015	0.088787	0.023	0.0013	-1.713	0.019157895	475	9.1	467	21	457	57	475	9.1
Zircon-233	103.5	66.8	0.65	0.0566	0.003	0.603	0.034	0.0771	0.0017	0.047787	0.0254	0.001	0.82815735	479	10	483	21	492	68	479	10	
Zircon-220	419	271	0.65	0.0605	0.002	0.743	0.029	0.0899	0.0019	0.074327	0.0237	0.001	1.595744681	555	11	564	17	641	45	555	11	
Zircon-230	659	360	0.55	0.0603	0.002	0.767	0.029	0.0917	0.0014	0.072322	0.0279	0.002	1.958405546	566	8.5	577	17	624	41	565.7	8.5	
Zircon-239	252	178	0.71	0.0594	0.002	0.813	0.032	0.0994	0.0017	0.10487	0.0316	0.001	-1.27694859	611	9.7	603	18	590	44	610.7	9.7	
Zircon-221	295	204	0.69	0.0596	0.002	0.826	0.032	0.1005	0.0016	0.051275	0.0318	0.001	-1.031096563									

Sample identification	Final relation Pb 207 _ U 235	Internal error final relation Pb 207 / U 235 a 2 D.E.	Final relation Pb 206 _ U 238	Internal error final relation Pb 206 / U 235 a 2 D.E.	Correlation error Adjustment (Negative data)	Correlation error Pb 206 _ U 238 vs. Pb 207 _ U 235	Corrected age Pb 206 _ U 238 (M.A.)	Age Pb 207 _ U 235 (M.A.)	% Discord	Corrected age Pb 206 _ U 238 (M.A.)	± Age error Corrected (M.A.)	Corrected error	Corrected age Pb 206 _ U 238 (M.A.)	Th/U
JGB_483_1	0.595	0.016	0.07346	0.00094	0.29399	0.29399	455.4861926	474	4.06	455.49	12.85	2.82	455.49	0.656
JGB_483_2	0.5458	0.008	0.06908	0.00075	0.33071	0.33071	429.6433098	441.6	2.78	429.64	11.65	2.71	429.64	0.461
JGB_483_3	0.537	0.01	0.06731	0.00058	0.3394	0.3394	418.9821081	435.6	3.97	418.98	11.06	2.64	418.98	1.152
JGB_483_4	0.5529	0.0091	0.06753	0.00066	0.24323	0.24323	419.2625977	447.2	6.66	419.26	11.04	2.63	419.26	1.495
JGB_483_5	0.545	0.013	0.06897	0.00082	0.33736	0.33736	428.4052786	441	2.94	428.41	11.65	2.72	428.41	0.919
JGB_483_6	0.4967	0.0095	0.06353	0.00092	0.68601	0.68601	395.8655009	409	3.32	395.87	11.07	2.80	395.87	0.201
JGB_483_7	0.4847	0.0079	0.05688	0.00049	0.18047	0.18047	353.4715405	401.6	13.62	353.47	9.23		353.47	0.413
JGB_483_8	0.575	0.02	0.07445	0.00079	0.096364	0.096364	462.9472288	461	-0.42	462.95	12.29	2.65	462.95	0.838
JGB_483_9	0.582	0.012	0.07499	0.00066	0.36087	0.36087	465.9515844	466	0.01	465.95	12.24	2.63	465.95	0.244
JGB_483_10	0.638	0.02	0.07569	0.00067	0.28611	0.28611	467.7671753	499	6.68	467.77	12.22	2.61	467.77	0.987
JGB_483_11	0.564	0.0099	0.07251	0.00064	0.32572	0.32572	451.0974576	454.7	0.80	451.10	11.65	2.58	451.10	0.540
JGB_483_12	0.628	0.011	0.07909	0.00058	0.12579	0.12579	490.4986664	493.4	0.59	490.50	12.22	2.49	490.50	0.619
JGB_483_13	0.5631	0.0086	0.07075	0.00051	0.36257	0.36257	439.828262	453.3	3.06	439.83	11.04	2.51	439.83	0.699
JGB_483_14	0.842	0.038	0.0974	0.0031	0.78595	0.78595	595.9959909	618	3.69	596.00	23.35	3.92	596.00	0.553
JGB_483_15	0.5665	0.0095	0.07262	0.00053	0.26705	0.26705	451.2541481	456.4	1.14	451.25	11.64	2.58	451.25	0.780
JGB_483_16	0.554	0.013	0.0702	0.00098	0.59847	0.59847	436.5260169	447.2	2.45	436.53	12.26	2.81	436.53	0.547
JGB_483_17	0.615	0.014	0.07968	0.00098	0.40309	0.40309	494.550995	485	-1.93	494.55	13.43	2.72	494.55	0.808
JGB_483_18	0.601	0.016	0.07584	0.00062	0.22036	0.22036	470.4933135	475	0.96	470.49	12.24	2.60	470.49	0.644
JGB_483_19	0.613	0.025	0.0758	0.001	0.51807	0.51807	468.4324437	483	3.11	468.43	12.84	2.74	468.43	0.359
JGB_483_20	0.5216	0.0086	0.06737	0.00066	0.5241	0.5241	419.5418565	425.5	1.42	419.54	11.06	2.64	419.54	1.119
JGB_483_21	0.5129	0.0078	0.06603	0.00059	0.59429	0.59429	411.1427782	420.1	2.18	411.14	10.45	2.54	411.14	0.744
JGB_483_22	0.4372	0.0052	0.05116	0.00034	0.52968	0.52968	317.6674862	367.9	15.81	317.67	8.01		317.67	0.884
JGB_483_23	0.5714	0.0096	0.07254	0.00064	0.44637	0.44637	450.6801114	459	1.85	450.68	11.64	2.58	450.68	0.916
JGB_483_24	0.589	0.024	0.075	0.00097	0.19239	0.19239	465.3373004	469	0.79	465.34	12.88	2.77	465.34	0.508
JGB_483_25	0.594	0.014	0.07809	0.00078	0.33614	0.33614	485.0763831	474.2	-2.24	485.08	12.84	2.65	485.08	0.360
JGB_483_26	0.628	0.028	0.0821	0.0017	0.45583	0.45583	509.100451	500	-1.79	509.10	15.87	3.12	509.10	0.781
JGB_483_27	0.537	0.016	0.0691	0.0016	0.59578	0.59578	429.5618978	435	1.27	429.56	14.08	3.28	429.56	0.951
JGB_483_28	0.548	0.024	0.0715	0.0014	0.2866	0.2866	445.0352553	448	0.67	445.04	14.13	3.17	445.04	0.819
JGB_483_29	0.638	0.022	0.0772	0.0011	0.18644	0.18644	477.4162079	492	3.05	477.42	13.42	2.81	477.42	0.558
JGB_483_30	0.614	0.023	0.07629	0.00087	0.20643	0.20643	472.8243531	486	2.79	472.82	12.86	2.72	472.82	0.873
JGB_483_31	0.575	0.032	0.0759	0.0013	0.30315	0.30315	472.9049692	459	-2.94	472.90	14.18	3.00	472.90	0.795
JGB_483_32	0.62	0.018	0.0787	0.0011	0.41643	0.41643	487.7222677	490	0.47	487.72	13.42	2.75	487.72	0.496
JGB_483_33	0.589	0.017	0.0767	0.0011	0.47866	0.47866	476.8032753	469	-1.64	476.80	13.46	2.82	476.80	0.496
JGB_483_34	0.614	0.015	0.07997	0.00086	0.31627	0.31627	496.668156	485.7	-2.21	496.67	13.44	2.71	496.67	0.546
JGB_483_35	0.594	0.014	0.07411	0.00087	0.3956	0.3956	460.3772786	473	2.74	460.38	12.25	2.66	460.38	0.556
JGB_483_36	0.626	0.021	0.0768	0.0014	0.49276	0.49276	475.4563014	491	3.27	475.46	14.63	3.08	475.46	0.349
JGB_483_37	0.582	0.014	0.07241	0.00068	0.35543	0.35543	449.7639746	464.7	3.32	449.76	11.64	2.59	449.76	0.696
JGB_483_38	0.53	0.025	0.0694	0.0012	0.17404	0.17404	432.1748711	437	1.12	432.17	12.95	3.00	432.17	0.441
JGB_483_39	0.583	0.016	0.07775	0.00076	0.29288	0.29288	483.883367	467	-3.49	483.88	12.87	2.66	483.88	0.399
JGB_483_40	0.594	0.014	0.0753	0.0011	0.32929	0.32929	467.7797968	473.1	1.14	467.78	13.45	2.88	467.78	0.415
JGB_483_41	0.622	0.017	0.07675	0.00086	0.18891	0.18891	476.3602771	490	2.86	476.36	12.85	2.70	476.36	0.790
JGB_483_42	0.612	0.018	0.07534	0.00093	0.2854	0.2854	467.2320379	485	3.80	467.23	12.85	2.75	467.23	0.710
JGB_483_43	0.4589	0.0087	0.05715	0.00076	0.33286	0.33286	356.9130062	383	7.31	356.91	9.88	2.77	356.91	1.877
JGB_483_44	0.591	0.023	0.0744	0.001	0.06366	0.06366	462.0287147	470	1.73	462.03	12.89	2.79	462.03	1.305
JGB_483_45	0.59	0.021	0.07257	0.00096	0.3129	0.3129	450.2459067	472	4.83	450.25	12.27	2.72	450.25	0.171
JGB_483_46	0.601	0.013	0.07824	0.00068	0.23968	0.23968	486.68919	477	-1.99	486.69	12.86	2.64	486.69	0.755
JGB_483_47	0.63	0.021	0.0802	0.0014	0.33302	0.33302	497.7051512	496	-0.34	497.71	14.65	2.94	497.71	0.742