

表 2 苏北盆地橄榄岩包体中单斜辉石的主要元素组成

Table 2 Clinoproxene compositions of peridotite xenoliths from the Subei basin

	盘石山											方山			练山				
	PSS01	PSS02	PSS11	PSS15	PSS17	PSS20	PSS07	PSS10	PSS13	PSS16	PSS19	FS11	FS18	FS24	LS01	LS02	LS04	LS06	
SiO ₂	53.14	53.26	52.26	52.23	53.41	52.02	52.26	52.20	52.38	51.21	52.42	52.42	51.38	53.68	51.87	52.32	51.76	51.79	
TiO ₂	0.58	0.45	0.58	0.62	0.21	0.65	0.55	0.53	0.28	0.61	0.31	0.47	0.52	0.03	0.47	0.51	0.63	0.52	
Al ₂ O ₃	6.53	6.43	6.42	6.16	4.23	5.30	6.67	4.55	5.05	7.01	7.48	6.00	7.94	2.50	5.74	6.58	7.01	6.40	
Cr ₂ O ₃	0.85	0.91	0.86	0.82	1.05	0.89	0.56	0.88	0.88	0.64	0.69	1.05	0.86	0.60	0.74	0.84	0.76	0.92	
FeO	2.57	2.61	2.45	2.41	2.25	2.29	2.46	2.29	2.26	3.08	2.04	2.76	3.67	2.11	2.44	2.55	2.90	2.52	
MnO	0.06	0.07	0.07	0.08	0.07	0.07	0.08	0.08	0.08	0.09	0.09	0.09	0.10	0.07	0.07	0.07	0.08	0.08	
MgO	15.14	15.06	15.10	15.28	16.33	15.70	14.43	15.81	15.52	15.04	13.83	16.03	16.76	17.75	14.76	14.82	14.72	14.84	
CaO	20.37	20.21	21.33	21.71	22.30	22.63	21.02	22.13	21.76	19.58	20.79	20.40	17.63	24.12	21.09	20.94	20.03	20.29	
Na ₂ O	1.57	1.69	1.76	1.65	0.85	1.20	1.87	1.07	1.25	1.74	2.19	1.62	1.63	0.26	1.60	1.77	1.76	1.69	
K ₂ O	0.008	0.005	0.002	0.004	0.004	0.007	0.005	0.004	0.003	0.010	0.008	0.009	0.016	0.009	0.012	0.008	0.006	0.004	
NiO	0.049	0.069	0.047	0.045	0.035	0.036	0.035	0.049	0.041	0.047	0.028	0.054	0.074	0.050	0.031	0.036	0.025	0.051	
Mg [#]	91.32	91.15	91.65	91.89	92.84	92.45	91.28	92.49	92.46	89.71	92.36	91.18	89.06	93.76	91.51	91.20	90.04	91.31	
	练山																		
	LS07	LS08	LS09	LS15	LS19	LS21	LS22	LS24	LS26	LS30	LS31	LS03	LS05	LS12	LS16	LS17	LS20	LS23	
SiO ₂	51.91	52.48	52.65	53.52	52.79	53.61	51.17	51.69	53.31	51.89	51.93	54.29	51.80	53.03	53.97	54.06	53.97	53.01	
TiO ₂	0.52	0.43	0.19	0.03	0.22	0.17	0.72	0.63	0.01	0.44	0.53	0.11	0.48	0.14	0.25	0.04	0.30	0.63	
Al ₂ O ₃	6.39	5.81	4.99	3.27	4.36	2.99	6.15	6.79	2.11	6.30	6.86	3.87	6.58	4.04	3.67	3.36	5.59	7.05	
Cr ₂ O ₃	0.77	0.61	0.79	0.54	1.29	1.28	0.61	0.50	0.63	0.66	0.59	1.11	0.81	0.97	1.54	1.16	1.28	0.73	
FeO	2.64	2.31	2.19	2.12	2.18	1.99	2.62	2.77	2.10	2.71	2.44	2.24	2.41	2.27	1.88	2.11	2.61	2.79	
MnO	0.09	0.08	0.08	0.08	0.07	0.07	0.09	0.09	0.09	0.08	0.08	0.09	0.09	0.09	0.06	0.07	0.11	0.03	
MgO	14.96	14.82	15.41	16.60	15.56	15.49	14.90	14.81	17.61	14.65	13.99	16.22	14.79	16.76	16.05	16.94	15.42	14.92	
CaO	20.37	20.74	22.32	22.42	21.52	20.89	21.09	20.41	23.85	20.22	20.58	21.82	21.23	22.37	21.01	22.25	20.24	20.32	
Na ₂ O	1.67	1.77	1.16	0.94	1.43	1.65	1.39	1.65	0.16	1.63	1.96	1.14	1.88	0.98	2.01	1.22	1.77	1.71	
K ₂ O	0.002	0.006	0.000	0.003	0.009	0.002	0.000	0.002	0.002	0.003	0.006	0.002	0.005	0.000	0.005	0.000	0.014	0.011	
NiO	0.032	0.038	0.025	0.042	0.041	0.036	0.043	0.037	0.037	0.027	0.028	0.062	0.035	0.039	0.054	0.024	0.050	0.043	
Mg [#]	91.00	91.96	92.62	93.32	92.72	93.28	91.03	90.50	93.72	90.59	91.08	92.82	91.62	92.94	93.85	93.46	91.32	90.50	