

SUPPLEMENTARY TABLE 5. COMPOSITION OF AMPHIBOLES
IN THE PERCHATKA COMPLEX, KOLA PENINSULA

#	Sample	SiO ₂	TiO ₂	Al ₂ O ₃	Cr ₂ O ₃	FeO	MnO	MgO	CaO	Na ₂ O	K ₂ O	Total	Symbol
1	PRCH-2 Amp 1 1	37.86	0.16	13.75	0.04	27.18	0.09	3.85	11.19	1.76	1.85	97.74	Fprg
2	PRCH-2 Amp 1 2	38.48	0.14	13.74	0.02	27.36	0.10	3.83	11.12	1.70	1.80	98.30	Fprg
3	PRCH-2 Amp 2 1	39.03	0.05	14.39	0.01	22.63	0.09	6.02	11.52	1.70	1.79	97.23	Fprg
4	PRCH-2 Amp 2 2	38.82	0.04	14.59	0.00	23.00	0.09	5.80	11.43	1.77	1.81	97.34	Fprg
5	PRCH-2 Amp 3 1	39.29	0.61	13.81	0.04	23.54	0.12	5.99	11.29	1.94	1.52	98.14	Fprg
6	PRCH-2 Amp 3 2	38.81	0.93	13.62	0.05	23.26	0.12	5.67	11.26	1.90	1.53	97.15	Fprg
7	PRCH-2 Y1 1	39.91	0.08	18.74	0.05	12.46	0.10	11.56	11.21	2.12	0.71	96.92	Prg
8	PRCH-2 Y1 2	12.85	0.02	47.02	0.01	25.10	0.11	10.39	3.04	0.76	0.21	99.50	
9	PRCH-2 Y2 1	38.15	0.04	20.70	0.06	12.57	0.08	12.34	10.50	2.15	0.48	97.07	
10	PRCH-2 Y2 2	37.21	0.05	22.13	0.01	12.86	0.07	12.34	10.27	2.06	0.43	97.43	
11	PRCH-2 Y3 1	38.72	0.08	19.69	0.02	12.47	0.08	11.99	10.93	2.25	0.65	96.88	Prg
12	PRCH-2 Y3 2	18.20	0.07	44.35	0.03	21.41	0.09	10.76	5.22	0.67	0.29	101.09	
13	PRCH-4 Hbl 1 1	43.55	0.21	13.92	0.02	8.39	0.08	15.30	12.43	2.71	0.71	97.33	Prg
14	PRCH-4 Hbl 1 2	43.82	0.13	13.58	0.04	7.88	0.05	15.70	12.42	2.74	0.67	97.05	Prg
15	PRCH-4 Hbl 2 1	44.06	0.22	13.96	0.02	7.46	0.05	16.06	12.44	2.74	0.60	97.61	Prg
16	PRCH-4 Hbl 2 2	43.60	0.28	13.75	0.00	7.37	0.07	15.68	12.51	2.91	0.64	96.81	Prg
17	PRCH-4 Hbl 3 1	42.60	0.26	14.76	0.03	7.83	0.07	15.18	12.50	2.88	0.70	96.83	Prg
18	PRCH-4 Hbl 3 2	42.70	0.07	15.33	0.00	7.62	0.09	15.40	12.39	2.82	0.71	97.12	Prg
19	PRCH-5 Amp 1 1	40.00	0.07	19.24	0.01	7.69	0.10	13.94	11.13	3.62	0.87	96.67	Prg
20	PRCH-5 Amp 1 2	39.89	0.03	19.44	0.02	7.72	0.11	13.84	10.76	3.41	0.85	96.05	Prg
21	PRCH-5 Amp 2 1	40.58	0.05	18.67	0.02	7.61	0.08	14.40	11.34	3.32	0.83	96.91	Prg
22	PRCH-5 Amp 2 2	40.33	0.04	19.20	0.00	7.70	0.08	14.14	11.33	3.36	0.88	97.06	Prg
23	PRCH-5 Amp 3 1	40.45	0.05	19.18	0.03	7.64	0.11	14.31	11.36	3.47	0.87	97.48	Prg
24	PRCH-5 Amp 3 2	40.16	0.03	19.72	0.01	7.95	0.10	14.12	11.04	3.51	0.85	97.49	Prg
25	PRCH-9 Hbl 1 1	43.50	0.17	14.70	0.03	7.94	0.07	15.47	11.33	3.22	0.48	96.89	Prg
26	PRCH-9 Hbl 1 2	43.46	0.10	14.86	0.00	8.39	0.09	15.30	11.21	3.50	0.38	97.29	Prg
27	PRCH-9 Hbl 1 3	44.10	0.10	13.95	0.00	7.83	0.09	15.83	11.27	3.16	0.41	96.75	Prg
28	PRCH-10 Amp 1 1	56.60	0.07	1.64	0.97	2.59	0.05	21.73	12.50	0.49	0.04	96.66	Tr

29	PRCH-10 Amp 1 2	56.40	0.11	1.76	1.08	2.71	0.05	22.02	12.57	0.52	0.04	97.27	Tr
30	PRCH-10 Amp 2 1	54.89	0.11	2.12	1.59	3.16	0.08	21.09	12.20	0.59	0.05	95.89	Tr
31	PRCH-10 Amp 2 2	56.15	0.12	2.04	1.00	2.79	0.05	21.79	12.44	0.57	0.06	97.01	Tr
32	PRCH-10 Amp 3 1	56.07	0.15	2.43	0.46	2.57	0.04	21.87	12.47	0.61	0.06	96.73	Tr
33	PRCH-10 Amp 3 2	56.21	0.14	2.31	0.50	2.52	0.05	22.06	12.55	0.58	0.04	96.98	Tr
34	PRCH-11 Hbl 1	54.26	0.22	2.73	0.96	4.69	0.09	20.90	12.19	0.47	0.06	96.59	Act
35	PRCH-11 Hbl 2	54.39	0.20	2.72	1.65	5.70	0.07	20.67	12.02	0.46	0.07	97.94	Act
36	PRCH-11 Hbl 3	46.70	0.50	9.92	0.61	7.51	0.07	16.91	12.18	1.92	0.58	96.91	Ed
37	PRCH-12 Amp 1	39.74	0.05	0.00	0.06	13.75	0.17	44.98	0.02	0.02	0.00	98.81	
38	PRCH-12 Amp 2	39.57	0.03	0.04	0.06	13.41	0.18	45.33	0.04	0.04	0.01	98.70	
39	PRCH-13 Amp 1 1	54.65	0.16	3.25	0.44	3.26	0.05	22.47	12.28	0.86	0.12	97.53	Tr
40	PRCH-13 Amp 1 2	53.42	0.21	4.12	0.51	3.50	0.06	22.12	12.35	1.09	0.15	97.52	Mhbl
41	PRCH-13 Amp 2 1	51.69	0.29	5.40	0.87	3.94	0.05	21.24	12.08	1.39	0.23	97.18	Mhbl
42	PRCH-13 Amp 2 2	53.00	0.19	4.26	0.58	3.57	0.04	21.84	12.28	1.02	0.16	96.95	Mhbl
43	PRCH-13 Amp 3 1	53.97	0.20	3.36	0.39	3.58	0.08	22.31	12.16	0.93	0.11	97.09	Tr
44	PRCH-13 Amp 3 2	54.48	0.17	3.21	0.36	3.55	0.06	22.46	12.16	0.90	0.10	97.43	Tr
45	PRCH-13 Amp 4 1	46.18	0.53	10.58	0.69	5.71	0.06	18.28	12.00	2.56	0.37	96.95	Ed
46	PRCH-13 Amp 4 2	46.45	0.50	10.34	0.86	5.71	0.07	18.56	12.11	2.38	0.45	97.43	Ed
47	PRCH-13 Hbl 1 1	46.07	0.75	10.46	0.59	6.10	0.10	19.00	11.34	2.92	0.15	97.48	Ed
48	PRCH-13 Hbl 1 2	45.28	0.80	11.25	0.55	6.26	0.10	18.78	11.38	3.06	0.15	97.63	Prg
49	PRCH-13 Hbl 1 3	45.41	0.77	11.14	0.61	6.26	0.09	18.45	11.18	3.04	0.17	97.13	Ed
50	PRCH-15 Amp 1	38.23	0.12	20.62	0.04	7.11	0.08	15.82	10.26	3.22	0.71	96.20	Prg
51	PRCH-15 Amp 2	39.22	0.07	19.58	0.02	6.84	0.06	15.61	10.62	3.38	0.76	96.15	Prg
52	PRCH-15 Amp 3	39.14	0.12	19.72	0.04	6.96	0.07	15.57	10.66	3.27	0.78	96.32	Prg
53	PRCH-16 Amp 1	41.75	0.13	16.53	0.11	6.68	0.07	15.54	11.20	3.32	0.95	96.27	Prg
54	PRCH-16 Amp 2	43.24	0.18	14.89	0.06	6.31	0.07	15.95	11.35	3.73	0.59	96.38	Prg
55	PRCH-16 Amp 1	39.46	0.02	19.95	0.01	6.66	0.07	14.12	10.98	3.27	1.28	95.82	Prg
56	PRCH-16 Amp 2	43.33	0.08	14.95	0.05	5.72	0.05	16.12	11.24	3.45	1.06	96.05	Prg
57	PRCH-16 Amp 3	39.23	0.06	17.91	0.00	8.17	0.10	15.49	9.23	2.93	1.06	94.17	
58	PRCH-17 Amp 1 1	56.52	0.00	0.52	0.05	9.52	0.19	31.91	0.34	0	0.04	99.08	
59	PRCH-17 Amp 1 2	51.56	0.03	1.99	0.03	9.43	0.18	29.99	2.36	0.06	0.13	95.76	
60	PRCH-18 Amp 1	40.97	0.11	18.09	0.05	5.21	0.07	16.26	10.68	3.55	0.56	95.55	Prg
61	PRCH-18 Amp 2	39.71	0.08	20.23	0.00	5.62	0.08	16.81	9.98	3.45	0.53	96.49	Prg
62	PRCH-18 Amp 3	42.87	0.11	16.77	0.04	5.48	0.09	17.34	9.64	3.37	0.90	96.62	Prg
63	PRCH-18 Amp 2	47.31	1.08	9.10	0.31	7.05	0.11	27.02	0.06	0.25	4.69	96.99	

64	PRCH-18 Amp 3	46.80	1.14	9.18	0.33	7.12	0.11	26.93	0.05	0.19	4.71	96.57	
65	PRCH-19 Amp i 1	40.09	0.08	19.86	0.02	5.58	0.06	15.95	10.03	3.82	0.45	95.95	Prg
66	PRCH-19 Amp i 2	41.67	0.08	17.68	0.01	5.24	0.08	15.71	10.61	3.97	0.52	95.56	Prg
67	PRCH-19 Amp i 3	40.06	0.07	19.20	0.01	5.64	0.07	15.15	10.07	3.85	0.47	94.59	Prg
68	PRCH-19 Amp i 1	43.61	0.07	15.10	0.02	5.66	0.06	16.60	10.18	3.99	0.39	95.68	Prg
69	PRCH-19 Amp 2	30.44	0.05	31.92	0.05	7.88	0.06	17.21	7.09	2.73	0.29	97.72	
70	PRCH-19 Amp 3	39.87	0.04	19.89	0.01	6.32	0.05	15.03	10.08	3.68	0.47	95.44	Prg
71	PRCH-20 Amp 1 1	40.53	0.05	19.23	0.03	6.24	0.08	14.77	11.58	3.07	1.36	96.94	Prg
72	PRCH-20 Amp 1 2	41.54	0.06	18.71	0.03	6.07	0.07	14.80	11.66	3.35	1.31	97.61	Prg
73	PRCH-20 Amp 1 3	40.82	0.05	20.06	0.00	6.05	0.07	14.27	11.63	2.97	1.40	97.32	Prg
74	PRCH-20 Amp 1 4	40.42	0.05	20.33	0.03	6.21	0.08	14.24	11.63	3.10	1.38	97.45	Prg
75	PRCH-20 Amp2 1 1	41.77	0.07	17.65	0.02	5.75	0.07	15.22	11.53	3.41	1.21	96.70	Prg
76	PRCH-20 Amp2 1 2	40.86	0.07	18.21	0.03	6.29	0.08	15.52	10.66	3.19	1.09	96.01	Prg
77	PRCH-20 Amp2 1 3	41.15	0.06	18.50	0.05	5.83	0.07	14.92	11.38	3.31	1.22	96.50	Prg
78	PRCH-20 Amp2 1 4	39.54	0.07	17.40	0.06	8.78	0.09	14.54	10.09	2.92	1.05	94.54	Prg
79	PRCH-21 Amp 1 1	41.88	0.08	17.56	0.04	7.36	0.07	13.98	11.67	2.91	1.61	97.16	Prg
80	PRCH-21 Amp 1 2	41.29	0.08	17.61	0.03	7.31	0.07	14.36	11.76	2.77	1.68	96.96	Prg
81	PRCH-21 Amp 1 3	41.21	0.06	17.81	0.01	7.38	0.06	14.02	11.79	2.88	1.71	96.94	Prg
82	PRCH-21 Amp 1 4	41.08	0.05	18.41	0.01	7.33	0.06	13.77	11.65	2.93	1.68	96.98	Prg
83	PRCH-22 Amp i 1	37.98	0.03	21.31	0.02	8.11	0.08	14.11	10.68	2.81	1.03	96.17	Prg
84	PRCH-22 Amp i 2	37.91	0.05	21.32	0.02	8.22	0.08	14.12	10.74	2.93	1.00	96.39	Prg
85	PRCH-22 Amp i 3	39.68	0.06	19.49	0.04	7.64	0.08	13.68	11.34	2.98	1.27	96.27	Prg
86	PRCH-22 Amp i 4	38.13	0.05	21.05	0.02	7.82	0.07	14.46	10.89	2.81	0.97	96.28	Prg
87	PRCH-23 Amp 1	47.79	0.07	10.24	0.05	8.52	0.14	25.95	0.11	0.13	5.04	98.02	
88	PRCH-23 Amp 2	48.69	0.07	8.60	0.03	9.27	0.14	26.81	0.12	0.11	4.11	97.94	
89	PRCH-23 Amp 3	47.52	0.06	9.53	0.00	8.51	0.12	25.98	0.09	0.13	4.97	96.91	
90	PRCH-23 Amp 4	47.34	0.06	9.64	0.03	8.57	0.13	26.00	0.10	0.11	4.49	96.47	
91	PRCH-23 Amp 1	43.62	3.15	12.61	0.80	6.02	0.06	15.64	11.18	3.23	0.94	97.24	Prg
92	PRCH-23 Amp 2	42.75	3.30	13.39	0.87	6.09	0.07	15.21	11.20	3.26	1.09	97.24	Prg
93	PRCH-23 Amp 3	43.52	3.37	12.51	0.87	5.76	0.08	15.47	11.47	3.38	0.91	97.33	Prg
94	PRCH-26 2ig 1	46.90	0.35	11.06	0.14	7.11	0.11	16.41	11.29	2.00	0.31	95.69	Ed
95	PRCH-26 2ig 2	46.85	0.38	11.43	0.14	7.12	0.08	16.22	11.73	1.94	0.39	96.27	Ed
96	PRCH-26 2ig 3	47.11	0.41	11.55	0.18	7.23	0.10	16.54	11.76	1.78	0.37	97.02	Ed
97	PRCH-26 2ig 4	46.86	0.43	11.75	0.16	7.18	0.09	16.19	11.87	1.94	0.40	96.86	Ed
98	PRCH-26 2iib 1	55.57	0.23	2.80	0.75	5.45	0.07	19.52	12.11	0.48	0.10	97.06	Act

99	PRCH-26 2iib 2	55.33	0.29	3.18	0.61	5.50	0.08	19.50	12.18	0.50	0.09	97.27	Act
100	PRCH-26 2iib 3	55.41	0.25	3.11	0.53	5.28	0.08	19.46	12.42	0.50	0.11	97.16	Act
101	PRCH-26 2iib 4	55.89	0.19	2.87	0.55	5.39	0.06	19.75	12.38	0.42	0.11	97.62	Act
102	PRCH-26 3i 1	50.16	0.84	7.57	0.14	11.33	0.10	15.44	10.95	1.04	0.44	98.02	Mhbl
103	PRCH-26 3i 2	50.58	0.75	7.24	0.16	12.04	0.16	15.70	10.26	1.01	0.40	98.29	Mhbl
104	PRCH-26 3i 3	51.55	0.55	5.92	0.13	15.62	0.23	17.02	7.54	0.87	0.30	99.72	
105	PRCH-26 4 1	47.75	0.34	9.46	0.01	11.39	0.09	14.05	11.55	1.24	0.65	96.53	Mhbl
106	PRCH-26 4 2	47.87	0.36	9.75	0.05	11.80	0.09	14.10	11.59	1.19	0.68	97.48	Mhbl
107	PRCH-26 4 3	47.58	0.39	10.13	0.07	11.54	0.09	13.93	11.62	1.23	0.73	97.30	Mhbl
108	PRCH-26 4 4	46.99	0.45	10.57	0.09	11.71	0.07	13.65	11.76	1.17	0.75	97.22	Mhbl
109	PRCH-26 5d 1	44.06	0.84	11.74	0.05	14.95	0.08	11.37	11.42	1.50	1.08	97.10	Ed
110	PRCH-26 5d 2	45.97	0.81	10.63	0.05	14.61	0.11	12.01	11.40	1.39	0.87	97.84	Ed
111	PRCH-26 5d 3	43.83	1.04	12.15	0.02	15.66	0.07	10.77	11.51	1.47	1.14	97.67	Ed
112	PRCH-26 5d 4	43.71	1.07	12.19	0.04	15.56	0.07	10.80	11.44	1.60	1.20	97.67	Ed
113	PRCH-27 3	47.55	0.69	8.27	0.11	13.95	0.09	13.35	11.01	1.09	0.62	96.73	Mhbl
114	PRCH-27 4	47.29	0.71	8.60	0.13	13.99	0.08	13.05	11.06	1.11	0.67	96.70	Mhbl
115	PRCH-27 5	47.43	0.85	7.85	0.11	13.99	0.07	13.33	11.12	1.08	0.59	96.42	Mhbl
116	PRCH-27 6	47.72	0.89	7.97	0.12	13.98	0.09	13.33	11.12	1.09	0.59	96.90	Mhbl
117	PRCH-27 1 1	43.48	0.75	11.53	0.01	16.34	0.07	10.07	11.26	1.43	1.12	96.06	Ed
118	PRCH-27 1 2	45.67	0.75	10.15	0.04	15.25	0.08	11.02	11.37	1.15	0.93	96.40	Mhbl
119	PRCH-27 1 3	43.95	0.92	11.21	0.02	16.10	0.08	10.35	11.13	1.46	1.03	96.24	Ed
120	PRCH-27 1 1	54.97	0.08	3.30	0.41	7.60	0.08	18.25	12.25	0.40	0.15	97.49	Act
121	PRCH-27 1 2	52.54	0.13	5.53	0.47	8.41	0.07	17.26	12.13	0.72	0.27	97.53	Mhbl
122	PRCH-27 1 3	52.19	0.10	5.91	0.39	8.29	0.08	16.95	12.18	0.79	0.30	97.18	Mhbl
123	PRCH-27 1 4	52.63	0.26	5.17	0.58	8.32	0.09	17.03	12.37	0.64	0.29	97.39	Mhbl
124	PRCH-27 1 5	53.14	0.22	4.88	0.58	8.17	0.08	17.19	12.38	0.65	0.24	97.53	Act
125	PRCH-28 Amp 1	40.19	0.22	18.84	0.06	7.92	0.11	15.23	10.34	3.23	0.37	96.52	Prg
126	PRCH-28 Amp 2	39.82	0.14	19.21	0.05	8.07	0.10	14.74	10.54	3.25	0.49	96.39	Prg
127	PRCH-28 Amp 3	40.25	0.10	19.38	0.02	7.84	0.10	14.99	10.68	3.16	0.36	96.89	Prg
128	PRCH-28 Amp 4	36.02	0.06	24.29	0.03	9.16	0.09	14.90	9.22	2.81	0.35	96.93	
129	PRCH-28 Amp 1 1	38.69	0.05	21.57	0.02	8.02	0.11	14.86	9.88	3.09	0.50	96.80	
130	PRCH-28 Amp 1 2	34.27	0.04	25.72	0.02	9.90	0.11	15.08	8.24	2.83	0.33	96.53	
131	PRCH-28 Amp 2 1	39.23	0.06	20.18	0.03	7.82	0.10	14.90	10.47	3.22	0.46	96.48	Prg
132	PRCH-28 Amp 2 2	40.57	0.05	18.46	0.04	7.17	0.11	14.80	11.10	3.31	0.45	96.07	Prg
133	PRCH-28 Amp 3 1	40.53	0.04	18.57	0.01	7.29	0.12	14.78	11.20	3.12	0.44	96.11	Prg

134	PRCH-28 Amp 3 2	38.94	0.08	19.35	0.05	8.91	0.10	14.99	10.15	3.03	0.44	96.04	
135	PRCH-30 Amp 1	42.14	0.11	16.85	0.02	6.73	0.09	14.91	11.45	2.96	1.16	96.42	Prg
136	PRCH-30 Amp 2	41.91	0.10	17.04	0.02	7.00	0.11	14.67	11.54	3.05	1.06	96.50	Prg
137	PRCH-30 Amp 3	42.05	0.09	17.23	0.03	6.92	0.10	14.45	11.63	2.87	1.00	96.37	Prg
138	PRCH-30 Amp 4	42.02	0.12	17.12	0.04	6.81	0.09	14.45	11.74	2.85	1.02	96.25	Prg
139	PRCH-31 Amp 1	40.77	0.12	18.32	0.04	6.83	0.11	14.38	11.72	3.05	0.89	96.24	Prg
140	PRCH-31 Amp 2	41.79	0.07	17.56	0.03	6.86	0.10	14.35	11.66	3.19	0.99	96.61	Prg
141	PRCH-31 Amp 3	42.36	0.10	17.32	0.02	6.73	0.08	14.86	11.93	3.04	0.83	97.26	Prg
142	PRCH-31 Amp 4	41.65	0.11	17.28	0.05	6.63	0.10	14.58	11.77	3.09	0.90	96.15	Prg
143	PRCH-32 Amp 1 1	50.47	0.31	7.49	0.37	6.61	0.11	18.28	11.95	1.67	0.10	97.37	Mhbl
144	PRCH-32 Amp 1 2	49.28	0.37	8.20	0.40	6.88	0.10	17.58	12.08	1.85	0.11	96.86	Mhbl
145	PRCH-32 Amp 2 1	49.46	0.35	7.93	0.44	6.84	0.11	18.05	12.04	1.77	0.13	97.11	Mhbl
146	PRCH-32 Amp 2 2	49.21	0.40	8.15	0.40	6.96	0.08	17.75	12.11	1.88	0.14	97.07	Ed
147	PRCH-32 Amp 3 1	49.25	0.38	8.17	0.42	7.09	0.10	17.54	12.13	1.96	0.14	97.19	Ed
148	PRCH-32 Amp 3 2	49.72	0.35	7.58	0.43	6.65	0.10	18.19	12.09	1.80	0.11	97.03	Mhbl
149	PRCH-32 Amp 4 1	42.72	0.50	13.06	0.14	9.79	0.07	14.16	12.07	2.67	0.64	95.82	Prg
150	PRCH-32 Amp 4 2	42.96	0.49	13.19	0.16	9.71	0.09	14.24	12.06	2.61	0.66	96.17	Prg
151	PRCH-33 Amp 1 1	53.45	0.29	4.50	0.50	4.38	0.06	19.81	12.71	1.03	0.17	96.91	Act
152	PRCH-33 Amp 1 2	53.15	0.28	4.51	0.53	4.31	0.06	19.62	12.78	1.16	0.19	96.57	Mhbl
153	PRCH-33 Amp 2 1	49.64	0.49	7.05	1.21	5.39	0.07	18.27	12.40	1.66	0.28	96.45	Mhbl
154	PRCH-33 Amp 2 2	51.16	0.42	6.18	0.88	5.11	0.07	19.11	12.56	1.58	0.25	97.32	Mhbl
155	PRCH-33 Amp 4 1	55.62	0.14	2.65	0.40	4.19	0.09	20.64	12.56	0.62	0.09	96.99	Act
156	PRCH-33 Amp 4 2	55.07	0.16	3.10	0.55	4.40	0.06	20.32	12.50	0.76	0.10	97.02	Act
157	PRCH-33 Amp 5 1	54.69	0.26	3.48	0.42	4.44	0.09	20.37	12.12	0.81	0.10	96.78	Act
158	PRCH-33 Amp 5 2	54.97	0.19	3.49	0.44	4.53	0.09	20.41	12.29	0.87	0.11	97.39	Act
159	PRCH-33 Amp 6 1	52.11	0.36	5.64	0.42	5.09	0.10	19.51	12.08	1.36	0.15	96.82	Mhbl
160	PRCH-33 Amp 6 2	51.93	0.35	5.85	0.44	5.16	0.10	19.21	12.15	1.39	0.15	96.72	Mhbl
161	PRCH-36 1	46.53	0.06	12.86	0.03	7.12	0.12	19.01	8.18	3.38	0.49	97.79	
162	PRCH-36 2	44.97	0.08	14.22	0.05	5.54	0.07	17.21	10.45	3.83	0.63	97.05	Prg
163	PRCH-36 3	43.84	0.07	15.35	0.02	5.67	0.07	16.83	10.64	4.02	0.67	97.19	Prg
164	PRCH-36 5	44.33	0.11	14.96	0.02	5.86	0.09	16.72	10.52	3.95	0.70	97.25	Prg
165	PRCH-36 6	44.83	0.09	15.09	0.03	5.87	0.07	16.58	10.66	3.21	0.67	97.11	Prg
166	PRCH-36 7	43.49	0.08	15.68	0.04	6.00	0.09	16.39	10.62	3.95	0.72	97.06	Prg
167	PRCH-37 Amp 1	41.16	0.02	18.85	0.02	6.66	0.10	16.30	10.31	4.05	0.61	98.08	Prg
168	PRCH-37 Amp 2	40.72	0.08	18.67	0.02	6.70	0.11	15.74	10.44	3.61	0.61	96.69	Prg

169	PRCH-37 Amp 3	40.20	0.06	19.01	0.04	6.74	0.10	15.83	10.18	3.78	0.56	96.48	Prg
170	PRCH-37 Amp 4	40.77	0.04	18.83	0.01	6.51	0.10	15.92	10.43	3.55	0.55	96.72	Prg
171	PRCH-39 1	45.90	1.53	8.85	0.61	3.47	0.06	18.86	8.74	0.51	4.18	92.71	Prg
172	PRCH-39 2	44.96	1.79	9.23	0.61	3.52	0.04	18.72	7.89	0.33	4.85	91.94	Prg
173	PRCH-39 3	50.17	1.56	9.18	0.45	3.32	0.05	17.42	10.60	0.48	3.81	97.03	Ed
174	PRCH-39 3	44.08	2.60	12.53	0.78	5.67	0.07	16.95	8.15	2.55	0.95	94.32	Ed
175	PRCH-41 1 1	54.07	0.20	1.68	1.03	8.69	0.18	20.29	13.25	0.43	0.00	99.83	Act
176	PRCH-42 Hbl 1	40.97	0.05	18.71	0.03	6.10	0.09	14.15	11.93	2.48	1.98	96.49	Prg
177	PRCH-42 Hbl 2	41.16	0.08	18.61	0.03	6.14	0.06	14.39	12.06	2.45	1.94	96.92	Prg
178	PRCH-42 Hbl 3	41.33	0.10	17.61	0.01	6.18	0.06	15.03	12.24	2.56	1.79	96.92	Prg
179	PRCH-42 3	46.28	0.04	12.65	0.05	9.26	0.15	20.92	8.66	0.78	0.90	99.68	
180	PRCH-42 4	47.07	0.03	11.22	0.02	10.20	0.18	22.58	6.70	0.69	0.71	99.41	
181	PRCH-42 8	42.86	4.78	10.60	0.45	7.97	0.14	17.04	6.89	0.26	6.52	97.50	
182	PRCH-42 10	44.87	3.08	6.41	0.42	6.74	0.09	17.95	13.82	0.34	3.72	97.44	Ed
183	PRCH-44 2	55.90	0.01	1.41	0.08	10.80	0.22	25.25	6.54	0.11	0.12	100.44	
184	PRCH-44 3	55.29	0.04	1.44	0.05	10.72	0.22	24.17	7.49	0.12	0.03	99.58	
185	PRCH-44 4	55.24	0.03	1.27	0.07	10.47	0.22	24.47	8.20	0.09	0.06	100.12	
186	PRCH-44 1	42.24	0.06	16.56	0.07	6.51	0.06	14.60	11.96	2.37	2.06	96.47	Prg
187	PRCH-44 2	42.06	0.05	17.10	0.05	6.53	0.08	14.44	11.87	2.40	2.12	96.70	Prg
188	PRCH-44 3	43.29	0.06	15.34	0.08	6.31	0.09	14.75	12.54	2.11	1.96	96.53	Prg
189	PRCH-44 4	41.24	0.08	17.89	0.03	6.91	0.06	14.05	11.84	2.40	2.06	96.55	Prg
190	PRCH-45 1	44.01	0.03	14.57	0.02	6.36	0.07	17.89	10.85	1.26	3.05	98.13	Prg
191	PRCH-45 2	41.93	0.10	16.16	0.04	5.99	0.05	19.29	6.44	0.86	6.00	96.85	
192	PRCH-45 3	41.52	0.06	16.35	0.02	5.73	0.05	18.56	7.73	1.30	5.34	96.67	
193	PRCH-45 4	42.63	0.08	15.18	0.03	5.36	0.06	18.56	8.74	0.87	5.22	96.73	
194	PRCH-45 5	41.88	0.06	16.28	0.03	8.06	0.09	15.49	11.12	2.09	2.25	97.35	Prg
195	PRCH-46 1	41.89	0.13	17.63	0.02	7.03	0.11	15.00	11.33	3.49	0.40	97.05	Prg
196	PRCH-46 2	41.85	0.11	17.88	0.04	7.34	0.10	14.75	10.91	3.58	0.47	97.04	Prg
197	PRCH-46 3	41.79	0.08	17.61	0.05	7.20	0.11	14.95	10.84	3.67	0.45	96.75	Prg
198	PRCH-46 4	41.86	0.09	17.80	0.01	6.96	0.09	14.91	11.14	3.74	0.40	97.00	Prg
199	PRCH-46 5	41.68	0.09	17.80	0.04	7.08	0.09	15.11	11.03	3.62	0.42	96.96	Prg
200	PRCH-46 6	42.53	0.08	17.00	0.02	6.98	0.08	15.40	10.90	3.61	0.37	96.98	Prg
201	PRCH-48 Amp 1 1	49.01	0.57	9.56	0.99	4.96	0.07	17.86	12.43	2.09	0.16	97.71	Mhbl
202	PRCH-48 Amp 1 2	48.66	0.57	9.58	0.95	5.06	0.06	18.76	12.35	2.16	0.17	98.33	Ed
203	PRCH-48 Amp 2 1	48.39	0.55	9.23	0.99	4.83	0.09	18.46	12.50	2.04	0.13	97.22	Ed

204	PRCH-48 Amp 2 2	48.45	0.58	9.22	0.96	4.99	0.08	18.48	12.46	2.05	0.14	97.42	Ed
205	PRCH-48 Amp 3 1	48.08	0.46	9.49	0.88	5.13	0.06	18.12	12.52	1.96	0.39	97.09	Ed
206	PRCH-48 Amp 3 2	47.41	0.49	9.87	0.98	5.43	0.06	17.78	12.53	2.17	0.42	97.13	Ed
207	PRCH-48 Amp 4	46.95	0.52	8.91	0.99	5.10	0.07	20.27	11.36	1.86	0.15	96.17	Ed
208	PRCH-49 Amp 1 1	54.40	0.39	4.42	0.64	3.42	0.06	20.34	12.91	1.03	0.04	97.65	Tr
209	PRCH-49 Amp 1 2	54.31	0.37	4.37	0.68	3.26	0.06	20.65	12.90	1.03	0.04	97.69	Tr
210	PRCH-49 Amp 2 1	54.88	0.31	4.14	0.61	3.23	0.06	20.52	12.91	0.95	0.05	97.66	Tr
211	PRCH-49 Amp 2 2	53.16	0.31	4.87	0.66	3.48	0.05	21.60	12.89	1.22	0.07	98.30	Mhbl
212	PRCH-49 Amp 3 1	50.21	0.60	8.38	0.80	4.15	0.07	18.81	12.66	1.78	0.16	97.62	Mhbl
213	PRCH-49 Amp 3 2	50.24	0.56	8.29	0.81	4.16	0.07	19.04	12.62	1.65	0.18	97.62	Mhbl
214	PRCH-49 Amp 4	49.87	0.54	8.09	0.82	4.15	0.07	18.87	12.70	1.56	0.16	96.83	Mhbl
215	PRCH-49 Amp 5	54.19	0.37	4.33	0.65	3.37	0.05	20.50	12.83	1.09	0.03	97.40	Tr
216	PRCH-57 Amp 1 1	48.03	0.41	9.37	0.48	5.75	0.06	18.30	12.41	2.34	0.18	97.33	Ed
217	PRCH-57 Amp 1 2	48.02	0.41	9.53	0.45	5.71	0.07	18.33	12.40	2.39	0.17	97.48	Ed
218	PRCH-57 Amp 2 1	45.82	0.46	11.34	0.35	6.40	0.06	17.22	12.37	2.63	0.24	96.91	Ed
219	PRCH-57 Amp 2 2	47.65	0.44	9.63	0.38	5.70	0.07	18.02	12.46	2.26	0.20	96.82	Ed
220	PRCH-57 Amp 3 1	47.26	0.41	9.84	0.45	5.83	0.07	17.78	12.37	2.34	0.18	96.54	Ed
221	PRCH-57 Amp 3 2	46.63	0.44	10.38	0.41	6.05	0.07	17.77	12.41	2.49	0.20	96.85	Ed
222	PRCH-58 Amp 1	42.79	2.26	14.47	0.39	5.44	0.05	15.53	11.92	3.02	1.21	97.10	Prg
223	PRCH-58 Amp 2	42.91	2.72	13.78	0.56	5.43	0.05	15.66	12.07	2.91	1.23	97.32	Prg
224	PRCH-58 Amp 3	43.23	2.38	13.59	0.56	5.08	0.05	15.98	11.18	2.77	1.86	96.69	Prg
225	PRCH-58 Amp 4	43.74	1.97	13.60	0.47	5.29	0.06	16.77	10.91	2.62	1.90	97.34	Prg
226	PRCH-58 Amp 5	42.80	2.36	14.53	0.41	5.53	0.06	15.68	11.98	2.84	1.22	97.42	Prg
227	PRCH-58 Amp 6	42.82	2.55	14.18	0.48	5.50	0.06	15.66	12.01	2.84	1.20	97.30	Prg
228	PRCH-60 Amp 1 1	42.25	0.09	17.02	0.05	5.83	0.06	15.87	12.14	3.37	0.38	97.05	Prg
229	PRCH-60 Amp 1 2	41.59	0.10	18.04	0.02	6.03	0.08	15.51	12.01	3.35	0.39	97.11	Prg
230	PRCH-60 Amp 2 1	39.75	0.08	20.24	0.02	6.98	0.09	15.97	10.95	3.09	0.33	97.48	Prg
231	PRCH-60 Amp 2 2	32.15	0.08	28.94	0.01	8.30	0.06	16.84	8.71	2.65	0.26	98.01	
232	PRCH-60 Amp 3 1	40.78	0.18	18.06	0.02	7.00	0.08	14.82	11.61	3.42	0.37	96.34	Prg
233	PRCH-60 Amp 3 2	41.29	0.14	17.23	0.05	6.53	0.08	15.73	11.59	3.36	0.32	96.32	Prg
234	PRCH-60 Amp 1	42.54	0.08	16.42	0.04	6.10	0.07	16.10	11.71	3.44	0.29	96.79	Prg
235	PRCH-60 Amp 2	41.24	0.10	17.60	0.03	6.56	0.08	15.17	11.75	3.36	0.38	96.26	Prg
236	PRCH-60 Amp 3	40.98	0.18	18.00	0.03	6.54	0.10	15.69	11.17	3.40	0.30	96.39	Prg
237	PRCH-60 Amp 4	42.54	0.11	16.43	0.03	6.07	0.08	15.90	11.58	3.27	0.31	96.33	Prg
238	PRCH-60 Amp 5	37.62	0.13	22.37	0.02	7.12	0.09	16.51	10.12	3.14	0.28	97.41	

239	PRCH-60 Amp 6	42.71	0.11	16.19	0.03	6.08	0.09	15.92	11.61	3.36	0.30	96.40	Prg
240	PRCH-61 Amp 1 1	46.44	0.46	10.84	0.86	6.01	0.08	17.33	12.65	2.27	0.56	97.48	Ed
241	PRCH-61 Amp 1 2	45.49	0.46	11.25	0.91	6.27	0.08	17.01	12.56	2.28	0.61	96.92	Ed
242	PRCH-61 Amp 2 1	46.32	0.44	10.67	0.92	5.93	0.06	17.21	12.58	2.25	0.58	96.97	Ed
243	PRCH-61 Amp 2 2	46.45	0.40	10.69	0.86	5.84	0.07	17.33	12.56	2.27	0.59	97.07	Ed
244	PRCH-61 Amp 3 1	45.36	0.42	11.85	0.79	6.27	0.07	16.87	12.50	2.41	0.57	97.10	Ed
245	PRCH-61 Amp 3 2	45.60	0.45	11.47	0.70	6.45	0.07	17.13	12.08	2.39	0.56	96.91	Ed
246	PRCH-63 Amp 1	41.90	1.51	16.92	0.61	4.36	0.07	15.63	11.84	3.53	0.78	97.15	Prg
247	PRCH-63 Amp 2	42.40	1.79	15.88	0.72	4.44	0.04	15.74	11.99	3.34	0.82	97.15	Prg
248	PRCH-63 Amp 3	42.02	1.91	15.78	0.73	4.16	0.07	16.01	11.92	3.40	0.75	96.75	Prg
249	PRCH-63 Amp 4	41.32	1.47	16.72	0.69	4.42	0.07	15.22	11.81	3.32	0.79	95.81	Prg
250	PRCH-63 Amp 5	42.66	1.32	16.88	0.60	4.34	0.08	15.90	11.89	3.44	0.76	97.87	Prg
251	PRCH-63 Amp 6	42.70	1.33	16.67	0.58	4.35	0.07	16.07	11.88	3.36	0.75	97.75	Prg

Results of WDS EMP analyses are expressed in weight %. Total iron is reported as FeO. Mineral symbols used: Act: actinolite, Ed: edenite, Fprg: ferro-pargasite, Mhbl: magnesio-hornblende, Prg: pargasite, Tr: tremolite.