Brigham, J.M., and Baldwin, S.L., 2022, Petrogenesis of arsenic and platinum-group minerals from a partially serpentinized dunite in East Dover, Vermont, USA: GSA Bulletin, https://doi.org/10.1130/B36388.1.

Supplemental Material

Table S1. Major element x-ray fluorescence whole-rock geochemical analyses in weight percent.

Table S2. Trace element x-ray fluorescence whole-rock geochemical analyses in parts per million.

Table S3. Electron microprobe analyses of olivine from dunite in East Dover Vermont.

Table S4. Electron microprobe analyses of chrome spinel from east Dover, Vermont in weight percent.

Table S5. Electron microprobe analyses of sulfide minerals from dunite in East Dover, Vermont in weight percent.

Table S6. Key sample coordinates.

TABLE S1. MAJOR ELEMENT X-RAY FLUORESCENCE WHOLE-ROCK GEOCHEMICAL ANALYSES IN WEIGHT PERCENT

	Sample name			
Oxide	AB02a[#]	TB02*	EDQ04a†	HB03[§]
SiO_2	40.62	40.11	38.45	39.00
TiO_2	0.01	0.01	0.01	0.01
Al_2O_3	0.18	0.55	0.11	0.20
FeO	6.71	6.05	9.66	12.12
MnO	0.10	0.09	0.14	0.13
MgO	43.47	42.24	44.65	42.80
CaO	0.02	0.00	0.00	0.00
Na_2O	0.00	0.02	0.00	0.03
K_2O	0.01	0.01	0.01	0.01
P_2O_5	0.01	0.01	0.01	0.01
LOI (%)	8.35	10.08	6.56	5.50
sumMaj+LOI	99.47	99.16	99.59	99.81
sumAll	100.15	99.76	100.16	100.46

#AB02a is a partially serpentinized dunite with ~50% serpentine.
*TB02 is a fully serpentinized dunite with ~90% serpentine.
†EDQ04a is a partially serpentinized dunite with 20–40% serpentine.
[§]HB03 is a meta-dunite with ~10% serpentine minerals.

TABLE S2. TRACE ELEMENT X-RAY FLUORESCENCE WHOLE-ROCK GEOCHEMICAL ANALYSES IN PARTS PER MILLION

Trace element	Sample name			
	AB02a#	TB02*	EDQ04a†	HB03§
F	520	0.0	5	900
Br	1.1	1.5	0.3	1.3
As	19.0	75.88	2.52	5.74
Ni	2379.4	2337.3	2334.6	2732.2
Cr	2577.7	3003.8	2825.9	2626.7
V	21.7	24.4	23.5	32.9
Sc	4.2	6.0	2.1	2.5
Cu	4.3	4.3	0.0	3.1
Zn	41.7	53.6	41.6	34.2
Ga	1.0	0.0	0.3	0.0
Ba	0.7	0.0	0.0	0.0
Rb	0.3	0.0	0.7	0.0
Cs	2.5	2.2	0.0	1.3
Sr	0.0	0.0	1.0	0.0
Y	0.1	0.0	0.1	0.0
Zr	2.0	2.8	4.1	3.5
Ta	0.0	0.1	0.0	0.0
La	0.0	3.1	1.4	3.4
Ce	8.8	7.0	11.2	3.9
Nd	6.3	2.1	4.8	1.0
Sm	1.3	0.1	1.1	0.0
U	0.4	0.1	1.3	0.6
Tl	0.0	1.4	1.0	2.4
Pb	1.1	0.0	0.0	1.1
Sn	2.7	2.7	1.5	2.5
Bi	0.6	0.8	0.6	1.3

#AB02a is a partially serpentinized dunite with ~50% serpentine.
*TB02 is a fully serpentinized dunite with ~90% serpentine.
†EDQ04a is a partially serpentinized dunite with ~20% serpentine.
§HB03 is a meta-dunite with ~10% serpentine minerals.

TABLE S3. ELECTRON MICROPROBE ANALYSES OF OLIVINE FROM META-DUNITE IN EAST DOVER VERMONT

Sample Number	SiO_2	MgO	FeO	CaO	MnO	Cr_2O_3	NiO	Mole%Fo	Total
Olivine inclusion in spinel									
HB09	41.41	51.74	7.38	0.02	0.26	0.11	N.D.*	92.59	100.94
AB02a	41.50	51.75	6.11	0.01	0.15	0.31	0.39	93.79	100.22
EDQ04a	41.69	52.26	6.48	0.00	0.19	0.07	0.30	93.50	100.98
EDQ04a	41.90	51.87	6.48	0.01	0.19	0.12	0.28	93.45	100.85
HB03	42.54	51.54	6.10	0.00	0.24	0.24	N.D.*	93.77	100.66
HB03	42.66	51.29	6.26	0.02	0.26	0.04	N.D.*	93.59	100.52
HB03	42.00	51.28	6.32	0.02	0.24	0.18	N.D.*	93.53	100.03
HB03	42.67	51.01	6.24	0.01	0.24	0.06	N.D.*	93.58	100.25
HB03	42.07	51.98	6.24	0.00	0.14	0.13	N.D.*	93.69	99.57
HB03	41.68	51.83	6.88	0.02	0.28	0.20	N.D.*	93.07	100.91
HB03	41.40	52.50	6.87	0.00	0.22	0.10	N.D.*	93.16	101.11
HB03	40.40	50.54	6.36	0.03	0.25	2.77	N.D.*	93.40	100.34
HB03	41.13	51.32	7.85	0.02	0.28	0.06	N.D.*	92.10	100.65
Serpentinized olivine									
EDQ04a	41.66	52.50	4.99	0.00	0.19	0.00	0.25	94.94	99.60
EDQ04a	41.67	52.57	5.09	0.00	0.20	0.00	0.28	94.85	99.86
EDQ04a	41.61	52.47	5.20	0.01	0.19	0.00	0.28	94.73	99.78
EDQ04a	41.52	52.20	5.10	0.01	0.20	0.00	0.28	94.80	99.32
EDQ04a	41.67	52.46	5.20	0.00	0.22	0.00	0.29	94.73	99.87
EDQ04a	41.81	52.34	5.15	0.00	0.18	0.00	0.29	94.77	99.82
EDQ04a	41.72	52.38	5.15	0.02	0.21	0.00	0.27	94.77	99.75
EDQ04a	41.65	52.58	4.96	0.00	0.19	0.04	0.30	94.97	99.72
EDQ04a	41.88	52.66	4.82	0.00	0.18	0.00	0.29	95.12	99.85
EDQ04a	41.70	52.65	4.90	0.01	0.20	0.03	0.23	95.04	99.71
EDQ04a	41.66	52.61	5.14	0.01	0.21	0.06	0.23	94.80	99.91
EDQ04a	41.61	52.52	5.12	0.00	0.20	0.00	0.23	94.81	99.75
EDQ04a	42.29	52.30	5.08	0.01	0.22	0.00	N.D.*	94.83	99.94
EDQ04a	42.80	52.37	5.12	0.00	0.21	0.00	N.D.*	94.80	100.53
EDQ04a	41.65	52.57	5.21	0.00	0.22	0.02	0.32	94.73	99.99
HB03	42.57	52.00	4.87	0.01	0.25	0.01	N.D.*	95.01	99.72
HB03	42.67	51.56	4.74	0.00	0.27	0.06	N.D.*	95.10	99.30
HB03	42.29	52.44	4.88	0.01	0.15	0.00	N.D.*	95.04	99.83
HB03	42.66	52.46	5.00	0.01	0.29	0.03	N.D.*	94.93	100.45
HB03	42.84	52.07	4.98	0.00	0.17	0.08	N.D.*	94.91	100.18
HB03	43.09	52.65	4.90	0.00	0.23	0.01	N.D.*	95.04	100.90
HB03	42.06	52.87	4.80	0.02	0.16	0.05	N.D.*	95.16	99.98
HB03	42.35	52.40	4.84	0.01	0.26	0.04	N.D.*	95.07	99.89
HB03	42.82	52.64	5.07	0.00	0.20	0.00	N.D.*	94.87	100.77
HB03	42.52	52.11	4.85	0.01	0.17	0.01	N.D.*	95.03	99.69
HB03	42.90	52.49	5.19	0.00	0.24	0.00	N.D.*	94.74	100.84
HB03	42.47	52.29	4.94	0.02	0.27	0.00	N.D.*	94.97	100.01
HB03	42.29	52.13	4.94	0.00	0.21	0.06	N.D.*	94.95	99.66
HB03	42.24	52.13	5.33	0.02	0.13	0.06	N.D.*	94.57	99.89
HB03	42.31	52.07	5.06	0.01	0.22	0.00	N.D.*	94.83	99.74
HB03	41.62	51.85	5.27	0.03	0.22	0.05	N.D.*	94.61	99.01

Sample Number	SiO_2	MgO	FeO	CaO	MnO	Cr_2O_3	NiO	Mole%Fo	Total
HB03	42.36	52.07	5.14	0.00	0.26	0.04	N.D.*	94.75	99.88
HB03	42.34	52.26	4.99	0.01	0.17	0.02	N.D.*	94.92	99.80
HB03	42.25	52.50	4.95	0.01	0.32	0.02	N.D.*	94.98	100.06
HB03	42.41	52.48	5.02	0.02	0.27	0.01	N.D.*	94.91	100.19
HB03	42.25	52.01	5.23	0.00	0.17	0.00	N.D.*	94.66	99.68
HB03	42.83	52.29	5.16	0.00	0.17	0.00	N.D.*	94.75	100.49
HB03	41.77	52.08	4.91	0.06	0.17	0.00	N.D.*	94.98	98.93
HB03	42.14	52.43	4.93	0.05	0.25	0.03	N.D.*	94.99	99.79
HB03	42.49	52.52	5.06	0.00	0.15	0.01	N.D.*	94.87	100.26
HB03	42.81	52.33	5.11	0.00	0.21	0.04	N.D.*	94.81	100.50
HB03	42.30	52.46	4.98	0.00	0.22	0.03	N.D.*	94.94	100.01
HB03	42.56	51.96	5.20	0.00	0.18	0.04	N.D.*	94.69	99.96
HB03	42.06	51.96	5.18	0.00	0.21	0.10	N.D.*	94.70	99.52
HB03	42.01	51.77	5.03	0.02	0.21	0.03	N.D.*	94.83	99.06
HB03	42.35	52.63	5.01	0.00	0.18	0.01	N.D.*	94.93	100.20
HB03	41.88	52.16	5.76	0.01	0.15	0.15	N.D.*	94.17	100.13
HB03	42.01	52.29	5.42	0.04	0.22	0.00	N.D.*	94.50	99.95
HB03	42.37	52.20	5.16	0.03	0.21	0.05	N.D.*	94.75	99.99
HB03	42.53	52.76	4.87	0.00	0.21	0.00	N.D.*	95.07	100.40
HB03	42.60	52.09	5.08	0.00	0.22	0.01	N.D.*	94.82	100.01
HB03	41.82	52.26	4.94	0.00	0.16	0.02	N.D.*	94.96	99.23
HB03	42.42	52.25	5.15	0.01	0.23	0.03	N.D.*	94.76	100.09
HB03	42.57	52.09	4.93	0.00	0.28	0.01	N.D.*	94.95	99.88
HB03	42.39	52.76	4.58	0.01	0.28	0.00	N.D.*	95.36	100.02
HB03	43.36	52.02	5.14	0.04	0.22	0.03	N.D.*	94.75	100.77
HB03	42.68	51.99	5.08	0.01	0.23	0.01	N.D.*	94.80	99.99
HB03	42.27	52.39	5.17	0.03	0.23	0.03	N.D.*	94.76	100.09
HB03	42.52	52.66	5.14	0.00	0.24	0.04	N.D.*	94.81	100.61
HB03	42.09	51.75	5.07	0.00	0.18	0.04	N.D.*	94.79	99.13
HB03	42.33	52.12	5.08	0.00	0.21	0.02	N.D.*	94.81	99.79
HB03	42.39	52.07	4.95	0.00	0.14	0.03	N.D.*	94.94	99.59
HB03	43.94	51.26	4.74	0.01	0.23	0.01	N.D.*	95.07	100.19
HB03	41.75	52.10	5.68	0.01	0.22	0.06	N.D.*	94.24	99.81
HB03	42.02	51.06	4.53	0.01	0.22	0.01	N.D.*	95.26	97.84
HB03	42.02	52.40	4.74	0.02	0.17	0.08	N.D.*	95.17	99.42
HB03	42.33	52.38	4.70	0.00	0.29	0.03	N.D.*	95.21	99.74
HB03	42.23	51.91	4.99	0.03	0.23	0.11	N.D.*	94.88	99.48
HB03	42.17	51.92	5.03	0.01	0.17	0.13	N.D.*	94.85	99.44
HB03	42.47	52.13	5.02	0.01	0.18	0.19	N.D.*	94.88	99.98
HB03	42.45	51.78	5.24	0.00	0.18	0.03	N.D.*	94.63	99.68
HB03	42.93	52.26	5.33	0.03	0.20	0.09	N.D.*	94.59	100.85
HB03	42.44	52.30	5.24	0.01	0.22	0.04	N.D.*	94.68	100.24
HB03	42.30	52.19	5.24	0.00	0.18	0.02	N.D.*	94.67	99.97
HB03	42.57	51.39	5.28	0.01	0.33	0.00	N.D.*	94.55	99.59
HB03	42.79	52.35	4.85	0.00	0.17	0.00	N.D.*	95.06	100.22
HB03	42.30	52.07	5.18	0.00	0.24	0.03	N.D.*	94.72	99.86
HB03	42.54	52.46	5.05	0.01	0.25	0.24	N.D.*	94.88	100.53
HB03	42.13	52.17	5.55	0.00	0.19	0.05	N.D.*	94.37	100.10

Sample Number	SiO_2	MgO	FeO	CaO	MnO	Cr_2O_3	NiO	Mole%Fo	Total
HB09	41.99	52.04	4.92	0.00	0.19	0.00	N.D.*	94.96	99.15
HB09	42.21	52.22	5.00	0.00	0.26	0.00	N.D.*	94.91	99.71
HB09	42.53	52.41	4.96	0.00	0.20	0.01	N.D.*	94.95	100.16
HB09	42.12	51.91	4.94	0.01	0.15	0.01	N.D.*	94.93	99.14
HB09	42.48	52.16	4.98	0.00	0.17	0.04	N.D.*	94.92	99.86
HB09	42.41	52.25	4.96	0.03	0.23	0.03	N.D.*	94.94	99.88
HB09	42.53	52.57	5.03	0.02	0.26	0.05	N.D.*	94.91	100.45
HB09	42.07	52.10	5.08	0.00	0.21	0.00	N.D.*	94.81	99.48
HB09	42.10	52.23	4.93	0.00	0.19	0.00	N.D.*	94.97	99.47
HB09	42.22	52.24	5.07	0.01	0.18	0.01	N.D.*	94.83	99.74
HB09	42.12	52.40	5.05	0.00	0.27	0.03	N.D.*	94.87	99.87
HB09	42.24	52.25	5.02	0.00	0.13	0.00	N.D.*	94.88	99.68
HB09	41.94	51.76	5.45	0.01	0.24	0.07	N.D.*	94.42	99.47
HB09	41.40	51.86	6.25	0.00	0.15	0.03	N.D.*	93.67	99.68
HB09	42.02	51.73	5.22	0.02	0.24	0.00	N.D.*	94.64	99.23
HB09	42.10	51.79	5.24	0.00	0.18	0.00	N.D.*	94.63	99.34
HB09	42.21	51.97	5.11	0.00	0.21	0.00	N.D.*	94.77	99.56
HB09	42.17	51.93	5.00	0.00	0.24	0.00	N.D.*	94.87	99.36
HB09	42.43	52.26	4.92	0.05	0.18	0.01	N.D.*	94.99	99.79
HB09	41.93	52.49	4.78	0.00	0.25	0.00	N.D.*	95.14	99.46
HB09	42.06	52.20	4.91	0.01	0.21	0.00	N.D.*	94.99	99.42
HB09	41.62	51.92	5.06	0.03	0.22	0.00	N.D.*	94.82	98.85
HB09	42.85	52.64	5.07	0.00	0.21	0.01	N.D.*	94.87	100.80
HB09	42.17	51.94	4.92	0.01	0.13	0.07	N.D.*	94.95	99.22
HB09	42.30	52.13	5.22	0.00	0.20	0.12	N.D.*	94.68	99.97
HB09	42.40	52.32	5.04	0.00	0.14	0.12	N.D.*	94.87	100.06
HB09	42.72	52.17	5.00	0.01	0.21	0.00	N.D.*	94.90	100.14
HB09	42.52	51.97	4.99	0.00	0.21	0.00	N.D.*	94.88	99.76
HB09	42.60	51.92	4.94	0.00	0.25	0.00	N.D.*	94.93	99.78
HB09	42.28	52.51	4.77	0.01	0.25	0.03	N.D.*	95.15	99.84
HB09	44.40	51.01	4.86	0.11	0.18	0.00	N.D.*	94.92	100.49
HB09	42.43	52.05	4.80	0.00	0.18	0.01	N.D.*	95.08	99.49
HB09	41.92	52.28	5.57	0.00	0.18	0.14	N.D.*	94.36	100.11
HB09	41.99	52.30	5.14	0.01	0.18	0.06	N.D.*	94.78	99.67
HB09	42.49	52.11	5.06	0.02	0.17	0.01	N.D.*	94.84	99.84
<u>Metamorphic olivine</u>									
EDQ04a	43.21	53.23	4.42	0.01	0.18	0.03	N.D.*	95.55	101.07
EDQ04a	42.24	52.39	4.50	0.00	0.24	0.08	N.D.*	95.40	99.46
EDQ04a	42.86	52.97	4.55	0.01	0.18	0.00	N.D.*	95.40	100.59
EDQ04a	42.65	52.79	4.31	0.00	0.20	0.00	N.D.*	95.62	99.99
EDQ04a	42.93	53.21	3.88	0.03	0.21	0.06	N.D.*	96.07	100.29
EDQ04a	42.75	53.11	4.07	0.00	0.21	0.00	N.D.*	95.88	100.18
EDQ04a	43.21	53.23	4.42	0.01	0.18	0.03	N.D.*	95.55	101.07
EDQ04a	42.24	52.39	4.50	0.00	0.24	0.08	N.D.*	95.40	99.46
EDQ04a	42.86	52.97	4.55	0.01	0.18	0.00	N.D.*	95.40	100.59
EDQ04a	42.65	52.79	4.31	0.00	0.20	0.00	N.D.*	95.62	99.99
EDQ04a	42.93	53.21	3.88	0.03	0.21	0.06	N.D.*	96.07	100.29
EDQ04a	42.75	53.11	4.07	0.00	0.21	0.00	N.D.*	95.88	100.18

Sample Number	SiO_2	MgO	FeO	CaO	MnO	Cr_2O_3	NiO	Mole%Fo	Total
EDQ04a	42.29	53.78	3.50	0.00	0.17	0.00	N.D.*	96.47	99.77
EDQ04a	42.45	53.26	3.56	0.00	0.17	0.00	N.D.*	96.38	99.51
EDQ04a	42.45	53.46	3.52	0.00	0.23	0.03	N.D.*	96.44	99.72
EDQ04a	42.82	53.31	3.63	0.01	0.24	0.05	N.D.*	96.32	100.05
EDQ04a	42.47	52.90	3.54	0.01	0.22	0.00	N.D.*	96.38	99.14
EDQ04a	42.35	53.31	3.79	0.01	0.21	0.00	N.D.*	96.17	99.68
EDQ04a	43.00	53.28	3.55	0.02	0.18	0.02	N.D.*	96.39	100.06
EDQ04a	43.11	53.01	3.48	0.01	0.25	0.03	N.D.*	96.45	99.89
EDQ04a	42.23	53.43	3.58	0.00	0.16	0.02	N.D.*	96.38	99.47
EDQ04a	42.65	53.26	3.87	0.01	0.21	0.00	N.D.*	96.09	100.03
EDQ04a	43.43	54.42	3.64	0.02	0.17	0.00	N.D.*	96.38	101.66
EDQ04a	43.06	53.56	3.62	0.01	0.16	0.00	N.D.*	96.35	100.44
EDQ04a	42.44	51.53	3.41	0.02	0.12	0.05	N.D.*	96.42	97.56
EDQ04a	42.62	52.87	3.30	0.00	0.26	0.00	N.D.*	96.62	99.07
EDQ04a	42.56	53.27	3.60	0.00	0.27	0.04	N.D.*	96.35	99.75
EDQ04a	42.45	53.34	3.80	0.00	0.22	0.03	N.D.*	96.15	99.85
EDQ04a	42.26	52.99	4.17	0.00	0.33	0.02	N.D.*	95.77	99.79
EDQ04a	42.49	52.75	4.91	0.00	0.24	0.01	N.D.*	95.03	100.42
EDQ04a	42.55	52.89	4.64	0.01	0.11	0.02	N.D.*	95.31	100.22
EDQ04a	42.59	53.43	4.01	0.00	0.19	0.05	N.D.*	95.96	100.32
EDQ04a	42.88	53.55	3.71	0.00	0.23	0.02	N.D.*	96.26	100.43
EDQ04a	42.79	53.23	3.89	0.00	0.20	0.00	N.D.*	96.06	100.12
EDQ04a	42.53	53.40	3.95	0.01	0.19	0.02	N.D.*	96.02	100.10
EDQ04a	42.41	53.03	4.45	0.01	0.25	0.00	N.D.*	95.50	100.20
EDQ04a	42.26	52.73	4.46	0.00	0.25	0.09	N.D.*	95.47	99.80
EDQ04a	42.69	53.64	3.63	0.00	0.22	0.00	N.D.*	96.34	100.23
EDQ04a	42.46	52.76	4.40	0.00	0.21	0.05	N.D.*	95.53	99.91
EDQ04b	39.84	54.24	4.42	0.00	0.29	0.05	N.D.*	95.63	98.84
EDQ04b	39.83	54.28	4.31	0.00	0.20	0.00	N.D.*	95.74	98.68
EDQ04b	40.31	54.24	4.21	0.01	0.21	0.04	N.D.*	95.83	99.03
EDQ04b	40.37	54.20	4.28	0.00	0.18	0.00	N.D.*	95.76	99.10
EDQ04b	40.05	54.23	4.44	0.01	0.22	0.02	N.D.*	95.61	98.98
EDQ04b	39.35	54.31	4.43	0.00	0.19	0.00	N.D.*	95.62	98.33
EDQ04b	39.97	53.85	4.55	0.00	0.28	0.01	N.D.*	95.48	98.67
EDQ04b	40.54	54.32	4.24	0.00	0.25	0.00	N.D.*	95.81	99.38
EDQ04b	40.37	54.07	4.35	0.00	0.23	0.00	N.D.*	95.68	99.03
EDQ04b	40.21	54.33	4.37	0.00	0.17	0.00	N.D.*	95.68	99.10
EDQ04b	40.07	54.16	4.53	0.00	0.17	0.00	N.D.*	95.52	98.94
EDQ04b	40.31	54.41	4.23	0.02	0.27	0.00	N.D.*	95.82	99.27
EDQ04b	39.93	54.57	4.19	0.01	0.16	0.06	N.D.*	95.87	98.91
EDQ04b	40.29	54.36	3.81	0.00	0.14	0.00	N.D.*	96.22	98.62
EDQ04b	40.25	54.69	3.76	0.00	0.20	0.00	N.D.*	96.29	98.91
EDQ04b	40.31	54.91	3.78	0.00	0.20	0.00	N.D.*	96.28	99.23
EDQ04b	40.53	54.92	3.53	0.01	0.21	0.00	N.D.*	96.52	99.24
EDQ04b	40.52	55.20	3.42	0.00	0.21	0.01	N.D.*	96.64	99.39
EDQ04b	39.94	54.71	3.95	0.00	0.17	0.03	N.D.*	96.11	98.84
EDQ04b	40.00	54.46	4.21	0.01	0.15	0.04	N.D.*	95.85	98.87
EDQ04b	40.36	54.11	4.06	0.00	0.17	0.00	N.D.*	95.96	98.72

Sample Number	SiO_2	MgO	FeO	CaO	MnO	Cr_2O_3	NiO	Mole%Fo	Total
EDQ04b	40.44	54.25	4.16	0.00	0.20	0.01	N.D.*	95.88	99.05
EDQ04b	39.38	55.01	3.62	0.00	0.16	0.00	N.D.*	96.44	98.21
EDQ04b	39.87	54.64	4.37	0.00	0.28	0.00	N.D.*	95.70	99.17
EDQ04b	39.93	54.85	3.94	0.00	0.17	0.01	N.D.*	96.13	98.92
EDQ04b	40.57	54.88	3.28	0.00	0.11	0.00	N.D.*	96.76	98.86
EDQ04b	39.91	55.31	3.44	0.00	0.22	0.07	N.D.*	96.63	98.96
EDQ05d	41.41	54.10	4.15	0.01	0.24	0.00	0.32	95.88	100.22
EDQ05d	41.45	53.79	4.90	0.00	0.18	0.00	0.33	95.14	100.68
EDQ05d	40.99	53.90	4.46	0.01	0.20	0.00	0.35	95.57	99.92
EDQ05d	41.45	53.75	4.55	0.00	0.20	0.04	0.37	95.47	100.35
EDQ05d	41.08	53.73	4.82	0.02	0.20	0.02	0.35	95.21	100.19
EDQ05d	41.32	53.81	4.69	0.00	0.17	0.02	0.32	95.34	100.34
EDQ05d	41.33	53.75	4.76	0.00	0.20	0.03	0.32	95.27	100.40
HB09	42.22	52.28	4.85	0.00	0.23	0.02	N.D.*	95.05	99.60
HB09	43.38	52.72	4.53	0.04	0.19	0.03	N.D.*	95.40	100.85
HB09	43.11	52.74	4.45	0.01	0.29	0.07	N.D.*	95.48	100.66
HB09	42.35	52.09	4.83	0.00	0.23	0.00	N.D.*	95.05	99.58
HB09	42.44	52.49	4.84	0.00	0.19	0.00	N.D.*	95.08	100.01
HB09	42.19	53.47	4.75	0.02	0.17	0.00	N.D.*	95.25	100.60
HB09	42.34	52.08	4.74	0.00	0.34	0.00	N.D.*	95.15	99.54
HB09	42.05	52.20	4.82	0.01	0.22	0.01	N.D.*	95.08	99.29
HB09	42.17	52.52	4.89	0.00	0.25	0.01	N.D.*	95.04	99.85
HB09	41.99	53.04	4.82	0.00	0.19	0.02	N.D.*	95.15	100.08
HB09	42.32	52.73	4.81	0.00	0.28	0.05	N.D.*	95.13	100.20
AB02a	40.09	54.44	4.83	0.00	0.15	0.00	0.27	95.26	99.86
AB02a	39.84	54.77	4.82	0.00	0.18	0.00	0.33	95.30	99.98
AB02a	40.07	54.52	4.81	0.01	0.19	0.00	0.28	95.28	99.89
AB02a	40.04	54.61	4.77	0.01	0.15	0.00	0.30	95.33	99.88
AB02a	39.88	54.91	4.68	0.01	0.17	0.00	0.32	95.44	100.00
AB02a	39.96	54.37	4.75	0.00	0.20	0.00	0.29	95.33	99.59
AB02a	39.97	54.47	4.85	0.00	0.18	0.00	0.31	95.24	99.83
AB02a	39.78	54.61	4.92	0.01	0.14	0.00	0.33	95.19	99.82
AB02a	40.11	54.60	4.90	0.00	0.17	0.00	0.33	95.21	100.18
AB02a	39.91	54.46	4.88	0.00	0.15	0.00	0.36	95.21	99.80
AB02a	40.07	54.45	4.61	0.00	0.15	0.02	0.34	95.47	99.65
AB02a	40.18	54.87	4.62	0.00	0.14	0.00	0.35	95.49	100.21
AB02a	39.71	54.77	4.70	0.00	0.26	0.00	0.30	95.41	99.77
AB02a	40.33	54.67	4.64	0.00	0.19	0.03	0.38	95.46	100.30
AB02a	40.06	54.21	4.75	0.00	0.17	0.00	0.40	95.31	99.60

*N.D indicates no data for elements not analyzed.

TABLE S4. ELECTRON MICROPROBE ANALYSES OF CHROME SPINEL FROM EAST DOVER, VERMONT IN WEIGHT PERCENT

Cr	Fe	Mg	Al	Mn	Ti	O	Total
HB03[*]							
40.2	15.6	5.1	5.7	0.4	0.0	31.1	98.0
40.5	15.3	5.2	5.8	0.3	0.0	31.4	98.5
40.5	15.2	5.2	5.8	0.3	0.0	31.4	98.5
39.8	15.4	5.2	6.0	0.3	0.0	31.2	97.8
39.8	15.4	5.1	6.2	0.2	0.0	31.3	98.1
39.3	16.6	4.2	5.4	0.4	0.0	30.4	96.4
39.3	16.6	4.4	5.1	0.4	0.0	30.3	96.1
39.0	16.5	4.4	5.4	0.4	0.0	30.3	96.0
39.8	16.4	4.6	5.5	0.4	0.0	30.8	97.6
38.0	16.2	4.6	5.3	0.3	0.0	30.4	94.8
40.3	16.0	5.8	6.5	0.3	0.0	32.4	101.3
38.3	20.1	4.1	4.5	0.7	0.0	30.0	97.8
39.5	15.6	5.8	6.1	0.3	0.0	31.8	99.1
38.2	15.2	6.3	6.9	0.5	0.0	32.5	99.6
39.1	15.7	5.0	6.1	0.4	0.0	30.9	97.2
40.0	15.5	4.9	5.8	0.3	0.0	31.0	97.6
40.0	15.5	5.0	5.8	0.3	0.0	31.0	97.7
40.2	15.9	5.0	5.8	0.3	0.0	31.2	98.3
39.3	15.7	5.3	6.2	0.4	0.0	31.4	98.2
39.9	15.6	5.0	5.9	0.3	0.0	31.1	97.9
40.1	15.7	5.1	6.0	0.4	0.0	31.4	98.7
40.3	15.6	5.0	5.8	0.3	0.0	31.2	98.3
39.7	17.0	4.6	5.3	0.3	0.0	30.6	97.5
39.8	15.7	5.2	6.8	0.2	0.0	32.0	99.7
38.3	15.4	5.3	6.8	0.3	0.0	31.3	97.5
39.0	15.5	5.3	6.7	0.2	0.0	31.5	98.1
39.0	15.4	5.3	6.7	0.3	0.0	31.6	98.3
40.4	15.3	5.2	6.0	0.2	0.0	31.4	98.6
40.6	15.1	5.2	6.2	0.3	0.0	31.7	99.1
38.9	16.3	5.0	6.3	0.4	0.0	31.1	97.9
38.9	15.9	5.0	6.4	0.4	0.0	31.1	97.6
39.3	15.3	5.3	6.6	0.2	0.0	31.4	98.0
39.5	15.9	5.1	6.0	0.3	0.0	31.2	98.0
EDQ04A[†]							
31.8	19.1	6.4	6.8	0.6	0.1	30.4	95.4
31.1	18.8	6.7	7.5	0.6	0.1	30.8	95.8
30.8	19.2	6.6	7.4	0.5	0.1	30.6	95.6
30.5	19.5	6.6	7.2	0.6	0.1	30.5	95.3
31.0	19.4	6.6	7.4	0.5	0.1	30.8	96.2
33.2	17.0	6.5	6.8	0.7	0.0	30.4	94.6

Cr	Fe	Mg	Al	Mn	Ti	O	Total
31.3	17.8	6.5	7.2	0.6	0.0	30.0	93.4
31.7	18.4	6.5	7.4	0.5	0.0	30.6	95.0
30.8	18.7	6.5	7.4	0.6	0.0	30.7	94.9
33.1	18.1	6.6	7.5	0.6	0.0	31.4	97.4
33.5	17.8	6.7	7.6	0.5	0.0	31.7	98.0
33.1	18.2	6.6	7.4	0.7	0.0	31.3	97.2
32.9	18.0	6.6	7.2	0.6	0.0	31.1	96.7
32.6	18.4	6.5	7.2	0.7	0.0	30.9	96.3
33.5	18.8	6.5	7.2	0.5	0.0	31.3	97.9
33.3	19.2	6.4	7.0	0.6	0.0	31.2	97.7
32.5	21.1	6.0	6.6	0.5	0.0	30.7	97.5
32.3	22.4	5.6	5.8	0.8	0.0	30.1	97.0
32.5	18.7	6.4	6.7	0.6	0.0	30.6	95.5
33.7	18.8	6.2	6.8	0.6	0.0	31.1	97.4
33.5	19.0	6.4	6.7	0.6	0.0	30.9	97.0
33.7	19.0	6.3	6.8	0.6	0.0	31.1	97.5
33.3	19.1	6.4	6.8	0.5	0.0	31.0	97.1
33.2	18.9	6.3	6.8	0.6	0.0	31.0	96.8
32.7	18.7	6.4	6.9	0.6	0.0	31.1	96.6
32.4	20.4	6.1	6.7	0.6	0.0	30.6	96.8
32.1	20.6	6.1	6.6	0.6	0.0	30.5	96.4
34.0	17.2	6.6	7.3	0.6	0.0	31.3	97.0
34.8	17.0	6.5	7.2	0.6	0.0	31.5	97.6
EDQ04c§							
34.8	18.1	6.5	8.5	0.4	0.1	32.9	101.3
34.9	18.2	6.5	8.3	0.3	0.1	32.8	101.2
34.3	17.5	6.3	8.0	0.3	0.1	31.8	98.2
34.2	18.2	6.5	8.3	0.3	0.1	32.3	99.8
34.6	18.1	6.5	8.3	0.3	0.1	32.6	100.5
36.2	17.6	6.5	7.9	0.5	0.1	32.8	101.6
35.1	17.4	6.5	8.3	0.3	0.1	32.6	100.3
35.0	17.0	6.6	8.9	0.4	0.0	33.0	100.8
33.9	18.5	6.4	8.2	0.5	0.0	32.3	99.9
35.2	16.7	6.6	9.1	0.4	0.1	33.3	101.4
33.9	17.2	6.7	9.2	0.3	0.1	32.9	100.4
34.0	17.3	6.7	9.2	0.3	0.1	33.0	100.5
33.6	17.4	6.7	9.1	0.3	0.1	32.7	99.9
34.1	17.3	6.7	9.4	0.4	0.1	33.2	101.1
33.9	17.2	6.6	9.5	0.3	0.0	33.1	100.7
34.2	16.9	6.7	9.9	0.2	0.0	33.5	101.4
34.1	15.8	7.0	10.3	0.3	0.0	33.7	101.1
36.0	17.3	6.1	8.0	0.4	0.0	32.4	100.1
33.7	17.1	6.9	9.7	0.4	0.1	33.4	101.2

Cr	Fe	Mg	Al	Mn	Ti	O	Total
33.8	18.3	6.6	8.6	0.4	0.2	32.6	100.4
34.2	18.2	6.6	8.4	0.5	0.2	32.7	100.8
34.4	18.1	6.6	8.5	0.3	0.2	32.7	100.7
34.1	18.3	6.5	8.6	0.2	0.1	32.6	100.3
33.8	18.7	6.4	8.3	0.5	0.1	32.3	100.1
34.3	18.7	6.5	8.7	0.3	0.1	32.9	101.5
33.1	19.4	6.2	8.5	0.3	0.1	32.3	99.9
34.1	17.3	6.8	9.1	0.3	0.0	33.0	100.6
33.9	17.4	6.7	9.0	0.4	0.1	32.9	100.4
34.2	18.6	6.5	8.3	0.5	0.1	32.7	100.9
33.9	18.3	6.8	8.8	0.3	0.1	33.0	101.1
33.8	16.6	6.7	10.7	0.2	0.0	34.0	102.0
34.2	18.4	6.3	8.6	0.4	0.1	32.7	100.7
33.9	18.8	6.5	8.7	0.3	0.1	32.9	101.3
34.8	20.3	5.9	7.9	0.3	0.1	32.5	101.6
34.0	18.8	6.5	8.4	0.5	0.1	32.6	100.7
33.8	18.7	6.4	8.4	0.3	0.1	32.4	100.1
34.4	17.4	6.5	8.8	0.4	0.1	32.8	100.4
34.7	18.1	6.5	8.2	0.3	0.0	32.5	100.4
33.0	18.8	6.4	9.3	0.4	0.0	32.9	100.8
34.1	18.5	6.4	8.3	0.3	0.1	32.4	100.0
ABF2[#]							
40.3	13.3	7.8	3.6	0.1	0.0	30.4	95.4
41.7	12.8	8.2	3.9	0.1	0.0	31.4	98.1
41.8	11.6	9.2	3.5	0.0	0.0	32.3	98.4
41.3	15.4	7.7	3.1	0.1	0.0	31.0	98.7
41.0	17.9	6.7	1.3	0.2	0.1	29.3	96.6
42.3	11.8	8.3	4.3	0.1	0.0	31.8	98.7
42.2	11.9	8.4	4.3	0.1	0.0	31.9	98.8
41.9	12.7	8.1	3.8	0.1	0.0	31.3	98.0
42.3	13.0	8.2	3.9	0.2	0.0	31.7	99.2
42.1	12.5	8.3	4.0	0.1	0.0	31.7	98.6
41.5	12.0	8.3	4.2	0.1	0.0	31.4	97.6
41.1	15.7	7.7	2.9	0.2	0.0	30.7	98.3
40.5	14.3	7.8	3.4	0.1	0.0	30.6	96.7
40.7	16.0	7.6	2.7	0.2	0.0	30.4	97.5
41.8	12.0	8.2	4.1	0.2	0.0	31.5	97.8
41.2	18.0	6.7	1.2	0.2	0.0	29.4	96.8
41.1	17.1	7.3	2.0	0.1	0.0	30.0	97.6
40.1	15.3	8.2	2.8	0.1	0.0	31.0	97.5
42.1	11.7	8.5	4.4	0.1	0.0	31.8	98.6
41.9	11.7	8.4	4.4	0.1	0.0	31.7	98.2
41.5	15.0	7.8	3.0	0.1	0.0	30.9	98.3

Cr	Fe	Mg	Al	Mn	Ti	O	Total
41.6	11.6	8.1	4.4	0.2	0.0	31.6	97.6
42.4	11.6	8.4	4.4	0.2	0.0	32.0	98.9
42.1	12.4	8.3	4.1	0.1	0.0	31.7	98.6
41.4	13.3	8.1	3.8	0.1	0.0	31.3	98.1
ABNT**							
27.83	22.63	2.36	12.25	0.11	0.01	31.80	97.00
27.92	22.02	2.59	12.26	0.11	0.02	31.84	96.76
27.90	22.49	2.48	12.11	0.17	0.02	31.77	96.94
27.93	21.86	2.76	12.20	0.11	0.01	31.90	96.77
28.24	21.09	3.16	12.20	0.16	0.02	32.15	97.02
28.40	21.09	3.16	12.26	0.13	0.00	32.18	97.22
28.07	21.19	3.19	12.32	0.14	0.01	32.19	97.11
28.54	21.11	3.15	12.33	0.09	0.01	32.28	97.52
28.50	21.08	3.16	12.21	0.09	0.00	32.24	97.28
28.58	21.09	3.14	12.26	0.21	0.01	32.27	97.57
28.47	21.16	3.15	12.30	0.13	0.01	32.38	97.59
28.38	21.04	3.13	12.17	0.17	0.01	32.13	97.04
28.23	21.29	3.06	12.39	0.12	0.02	32.18	97.28
28.10	21.49	3.01	12.36	0.08	0.01	32.16	97.20
27.98	21.51	3.02	12.55	0.10	0.01	32.33	97.51
28.17	21.32	2.96	12.36	0.14	0.00	32.15	97.10
27.99	21.95	2.67	12.44	0.14	0.01	32.09	97.29
37.59	23.68	1.52	5.35	0.39	0.01	30.02	98.56
36.79	24.09	1.52	5.36	0.39	0.00	29.78	97.92
35.67	24.02	1.58	6.01	0.36	0.00	29.92	97.55
37.21	23.52	1.50	5.26	0.40	0.01	29.73	97.62
37.49	23.82	1.50	5.26	0.35	0.02	29.91	98.34

*EDQ04a is a partially serpentinized dunite. Subhedral grains of chrome spinel were analyzed from this sample.

†HB03 is a meta-dunite. Subhedral grains of chrome spinel were analyzed from this sample.

§EDQ04c is a chromitite. Brecciated massive chrome spinel was analyzed from this sample.

#ABF2 is a chromitite. Brecciated massive chrome spinel was analyzed from this sample.

**ABNT is a talc schist. Subhedral grains of chrome spinel were analyzed from this sample.

TABLE S5. ELECTRON MICROPROBE ANALYSES OF SULFIDE MINERALS FROM META-DUNITE IN EAST DOVER, VERMONT IN WEIGHT PERCENT

Sample number	S	Fe	Ni	As	Cr	Co	Total
Millerite							
EDQ04a	35.47	1.72	61.99	0.10	0.64	0.10	100.03
EDQ04a	35.48	1.85	62.67	0.13	0.72	0.09	100.94
EDQ04a	34.97	1.79	62.59	N.D.*	0.70	0.00	100.05
EDQ04a	35.81	2.11	62.42	0.08	0.87	0.04	101.33
EDQ04a	31.93	0.23	66.04	0.25	0.06	0.01	98.51
EDQ04a	33.25	0.22	66.30	0.20	0.02	0.01	100.00
EDQ04a	33.18	0.23	65.80	0.17	0.04	N.D.*	99.44
EDQ04a	34.58	0.19	65.34	0.21	0.07	N.D.*	100.36
EDQ04a	34.53	0.24	65.61	0.20	0.05	N.D.*	100.49
EDQ04a	32.68	0.24	66.68	N.D.*	0.05	0.02	99.66
EDQ04a	34.73	1.33	63.25	N.D.*	0.41	0.09	99.80
EDQ04a	35.61	1.77	62.05	0.34	N.D.*	N.D.*	99.76
EDQ04a	35.50	1.74	62.33	N.D.*	N.D.*	N.D.*	99.57
EDQ04a	35.34	1.51	62.82	0.35	N.D.*	N.D.*	100.02
EDQ04a	35.60	1.42	63.57	N.D.*	N.D.*	N.D.*	100.59
EDQ04a	35.98	1.50	62.60	0.03	N.D.*	N.D.*	100.10
EDQ04a	31.84	2.49	64.70	N.D.*	N.D.*	N.D.*	99.03
EDQ04a	35.98	1.07	60.23	0.33	N.D.*	N.D.*	97.61
EDQ04a	34.90	1.10	61.34	0.03	N.D.*	N.D.*	97.38
EDQ04a	34.53	1.19	61.30	0.10	N.D.*	N.D.*	97.12
EDQ04a	34.10	1.49	61.59	0.28	N.D.*	N.D.*	97.47
EDQ04a	36.29	1.40	60.73	0.16	N.D.*	N.D.*	98.59
Heazlewoodite							
AB05	28.01	0.65	72.18	0.11	N.D.*	0.03	100.97
AB05	27.90	0.42	72.89	N.D.*	N.D.*	0.14	101.34
AB05	28.21	0.22	72.49	0.02	N.D.*	0.11	101.04
AB05	28.07	0.21	72.30	0.00	N.D.*	0.12	100.46
AB05	27.85	0.22	72.57	0.13	N.D.*	0.09	100.87
AB05	27.72	0.23	71.42	N.D.*	N.D.*	0.10	99.48
AB05	27.60	0.47	73.00	0.28	N.D.*	0.01	101.35
AB05	27.94	0.47	71.96	N.D.*	N.D.*	0.05	100.42
AB05	27.72	0.50	72.11	0.11	N.D.*	0.07	100.51
AB05	28.09	0.41	72.71	0.09	N.D.*	0.05	101.36
AB05	27.83	0.46	72.47	0.12	N.D.*	0.00	100.88
AB05	27.90	0.46	72.17	0.35	N.D.*	0.01	100.89
AB05	27.92	0.43	72.67	N.D.*	N.D.*	0.02	101.03
AB05	27.81	0.58	72.06	0.17	N.D.*	N.D.*	100.66
AB05	28.03	0.67	72.61	N.D.*	N.D.*	N.D.*	101.25
AB05	28.00	0.67	71.55	N.D.*	N.D.*	0.00	100.22
AB05	28.14	0.64	71.36	0.10	N.D.*	0.03	100.26

Sample number	S	Fe	Ni	As	Cr	Co	Total
AB05	27.76	0.58	71.68	0.19	N.D.*	0.01	100.22
AB05	28.25	0.47	71.54	N.D.*	N.D.*	N.D.*	100.22
AB05	27.78	0.58	72.32	0.11	N.D.*	0.01	100.79
AB05	28.16	0.85	71.35	0.02	N.D.*	0.01	100.38
AB05	27.70	0.32	71.41	0.39	N.D.*	N.D.*	99.76
AB05	27.73	0.19	72.76	0.18	N.D.*	0.02	100.88
AB05	27.75	0.20	72.34	0.10	N.D.*	0.00	100.39
AB05	27.73	0.21	73.22	N.D.*	N.D.*	0.03	101.19
AB05	27.81	0.32	72.29	0.12	N.D.*	0.00	100.54
AB05	27.60	0.32	72.82	0.05	N.D.*	N.D.*	100.67
AB05	27.28	0.21	72.91	0.23	N.D.*	0.05	100.67
AB05	27.48	0.41	72.06	0.16	N.D.*	0.00	100.11
AB05	27.55	0.93	72.33	N.D.*	N.D.*	N.D.*	100.69
AB05	27.95	0.96	72.25	0.03	N.D.*	N.D.*	101.15
EDQ04a	27.87	0.89	72.70	N.D.*	N.D.*	N.D.*	101.52
EDQ04a	26.71	1.36	70.54	1.43	0.42	0.00	100.46
EDQ04a	26.85	1.30	71.12	0.89	0.45	0.03	100.64
EDQ04a	27.03	1.34	71.57	0.98	0.39	0.01	101.32
EDQ04a	27.09	1.42	71.36	1.22	0.41	N.D.*	101.49
EDQ04a	27.57	2.96	68.68	0.10	1.19	0.04	100.53
Pentlandite							
EDQ04a	32.92	29.42	34.17	0.08	0.81	2.93	100.34
EDQ04a	33.53	29.18	33.90	N.D.*	0.76	2.82	100.19
EDQ04a	32.31	26.76	35.10	0.22	0.64	3.29	98.33
EDQ04a	33.10	28.75	33.83	0.15	0.91	3.22	99.97
EDQ04a	33.55	19.11	43.64	0.29	0.65	2.57	99.82
EDQ04a	32.97	29.55	32.12	0.05	1.16	4.08	99.93
EDQ04a	33.30	29.83	31.83	0.04	1.13	4.05	100.17
EDQ04a	33.15	29.22	31.62	0.00	1.22	4.12	99.34
EDQ04a	33.36	29.63	32.39	0.07	0.15	3.78	99.37
EDQ04a	33.30	29.13	32.51	0.06	0.13	3.71	98.84
EDQ04a	33.23	29.29	32.70	0.07	0.11	3.72	99.11
EDQ04a	33.18	29.08	32.47	0.17	0.11	3.69	98.70
EDQ04a	32.97	29.14	35.47	0.49	1.24	1.46	100.76
EDQ04a	32.27	28.88	35.28	0.51	1.26	1.59	99.78
EDQ04a	32.40	28.73	35.18	0.13	1.23	1.70	99.38
EDQ04a	33.17	21.73	42.02	0.49	1.38	1.60	100.39
EDQ04a	32.87	28.55	34.06	0.16	1.36	2.24	99.23
EDQ04a	33.57	29.00	33.90	0.22	1.45	2.22	100.35
EDQ04a	32.54	25.39	37.30	0.18	1.34	2.08	98.83
EDQ04a	32.12	25.02	36.09	0.34	1.39	2.04	97.00
EDQ04a	33.31	27.95	34.45	N.D.*	1.45	2.15	99.31
EDQ04a	33.26	30.17	33.33	0.09	1.42	2.26	100.54

Sample number	S	Fe	Ni	As	Cr	Co	Total
EDQ04a	33.05	29.98	33.65	N.D.*	1.47	2.37	100.52
EDQ04a	34.08	29.46	33.45	0.28	N.D.*	N.D.*	97.27
EDQ04a	33.96	29.22	32.98	N.D.*	N.D.*	N.D.*	96.16
EDQ04a	33.78	29.08	33.26	0.11	N.D.*	N.D.*	96.23
EDQ04a	33.35	29.36	32.37	0.32	N.D.*	N.D.*	95.40
EDQ04a	33.61	29.39	32.64	0.10	N.D.*	N.D.*	95.75
EDQ04a	33.00	27.65	35.92	0.35	N.D.*	N.D.*	96.91

Note: *N.D. indicates no data (for elements not analyzed).

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TABLE S6. ~~KEY SAMPLE COORDINATES~~COORDINATES OF KEY SAMPLE LOCALITIES

Sample number	Latitude	Longitude	Lithology
AB02a	42.95654	−72.761826	Partially serpentinized dunite with ~50 % serpentine.
AB05	42.96091	−72.762202	Partially serpentinized dunite with 20–40% serpentine.
ABF2	42.95302	−72.759213	Massive chromitite pod with 90% spinel.
ABNT	42.96772	−72.767309	Talc-carbonate schist.
HB03	42.93580	−72.765140	Meta-dunite with ~10% serpentine minerals.
HB09	42.93581	−72.765015	Meta-dunite with ~20% serpentine minerals.
EDQ04a	42.97621	−72.752113	Partially serpentinized dunite with 20–40% serpentine.
EDQ04b	42.97729	−72.754138	Partially serpentinized dunite with 20–40% serpentine.
EDQ04c	42.97729	−72.754138	Massive chromitite pod with 90% spinel.
EDQ05d	42.97700	−72.754332	Partially serpentinized dunite with 40–60% serpentine.
TB02	42.94542	−72.773628	Fully serpentinized dunite with ~90% serpentine.