

From “Characterization of “Orange Peel” Surface Microstructure of White Nephrite from Russia:
A Unique Pseudomorph Pattern”

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APPENDIX 1

Table S-1. Hand specimen features of white nephrite from Russia.

Sample no.	Pits and bumps	Pseudo-rhombic microstructure	Icy domain and cloudy domain	Lineation	Grain size ^a
ELS01	✓	weak	nd ^b	one long	medium
ELS02	✓	✓	✓	claw	medium
ELS03	✓	✓	✓	claw	medium
ELS04	✓	nd	✓	claw	fine–medium
ELS05	✓	weak	✓	claw	coarse–medium
ELS06	✓	weak	nd	nd	fine–medium
ELS07	na ^c	na	na	na	na
ELS08	✓	weak	✓	claw	medium
ELS09	✓	weak	✓	claw	medium
ELS10	✓	weak	✓	claw	medium
ELS11	✓	✓	✓	claw	medium
ELS12	✓	nd	✓	nd	fine
ELS13	✓	nd	weak	well-developed	fine–medium
ELS14	✓	weak	weak	weak	medium
ELS15	✓	✓	✓	one long	medium
ELS16	✓	✓	✓	claw	medium
ELS17	✓	weak	✓	nd	coarse–medium

ELS18	✓	weak	na	claw	medium
ELS19	✓	weak	✓	claw	coarse–medium
ELS20	✓	✓	✓	weak	medium
ELS21	✓	✓	✓	claw	medium
ELS22	✓	✓	✓	weak	medium
ELS23	✓	weak	✓	claw	medium
ELS24	weak	nd	none	claw	fine–medium
ELS25	✓	✓	✓	claw	coarse–medium
ELS26	✓	weak	na	nd	coarse
ELS27	✓	✓	✓	claw	coarse–medium
ELS28	✓	✓	✓	claw	medium
ELS29	✓	weak	na	claw	medium
ELS30	✓	nd	✓	nd	medium
ELS31	✓	✓	✓	nd	medium
ELS32	na	na	na	na	na
ELS33	✓	✓	✓	✓	medium
ELS34	✓	✓	✓	claw	coarse–medium
ELS35	✓	weak	✓	one long	medium
ELS36	✓	✓	✓	claw	medium
ELS37	✓	✓	✓	claw	medium
ELS38	✓	✓	✓	claw	medium
ELS39	✓	weak	nd	claw	fine
ELS40	✓	✓	✓	claw	medium
ELS41	✓	weak	✓	✓	medium
ELS42	✓	weak	nd	✓	medium

ELS43	✓	nd	none	claw	fine–medium
ELS44	✓	weak	✓	claw	medium
ELS45	na	na	na	na	na
ELS46	✓	✓	✓	na	medium
ELS47	✓	✓	✓	✓	medium
ELS48	na	na	na	na	na
ELS49	✓	weak	✓	claw	medium
ELS50	✓	✓	✓	claw	medium
ELS51	✓	✓	✓	claw	medium
ELS52	✓	✓	✓	claw	medium
ELS53	✓	✓	nd	✓	medium
ELS54	✓	weak	✓	claw	medium
ELS55	✓	weak	✓	✓	medium
ELS56	na	na	na	na	na
ELS57	✓	✓	✓	claw	medium
ELS58	na	na	na	na	na
ELS59	✓	weak	✓	claw	medium
ELS60	na	na	na	claw	na

^aGrain sizes ≤ 1 mm are fine, 1–2 mm are medium, and ≥ 2 mm are coarse.

^bnd = not detected.

^cna = not analyzed. Poor transparency and poor polish prevented observation.