

AUBERON GEMS INFOGRAPHICS

WELCOME TO THE HOUSE OF JADE

* JADE IS A GENERIC TERM REFERRING TO GEM SPECIES OF EITHER JADEITE OR NEPHRITE. BOTH OF WHICH ARE MINERAL AGGREGATES - CONSISTING OF MANY TINY CRYSTALS. THESE INTERLOCKING CRYSTALS GIVE JADE AN EXCEPTIONAL TOUGHNESS.

JADEITE



- COLOUR, TRANSPARENCY AND TEXTURE ARE THE IMPORTANT QUALITIES OF JADEITE.
- GREEN JADEITE IS COLOURED BY CHROMIUM.
- JADEITE COMES IN MANY HUES. MOST SOUGHT AFTER COLOUR FOR JADEITE IS IMPERIAL GREEN.

NOTABLE SOURCE(S): MYANMAR / RUSSIA / GUATEMALA
TREATMENT(S):

"A JADE" - GENERALLY UNTREATED BUT WAX COATING ACCEPTABLE

"B JADE" - BLEACHING FOLLOWED BY RESIN IMPREGNATION

"C JADE" - DYEING

"B + C JADE" - DYEING AND IMPREGNATION

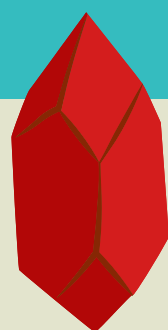
"D JADE" - DOUBLET, JADE TOP WITH PLASTIC BACKING



IMPERIAL GREEN



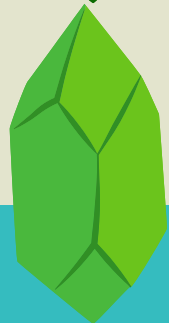
WHITE /
ICE JADE



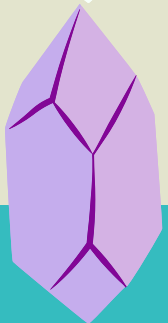
RED



YELLOW



APPLE GREEN



LAVENDER



ORANGE /
BROWN



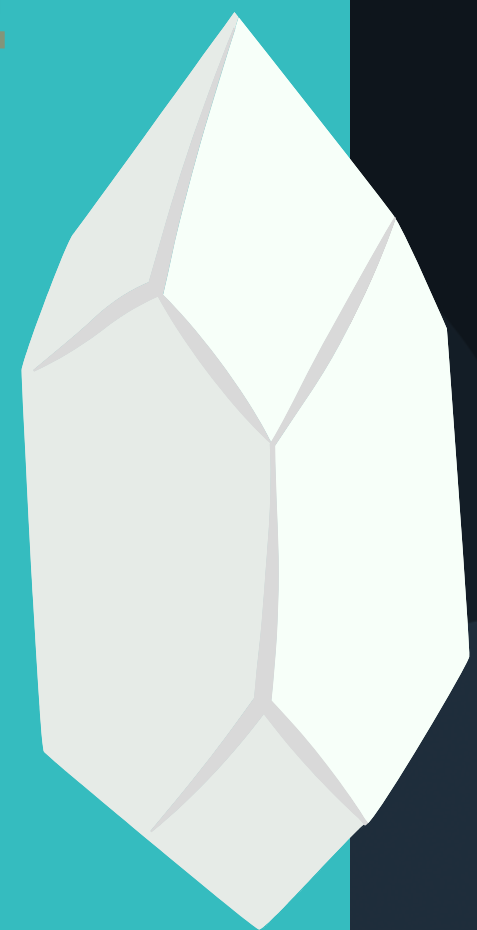
BLACK /
GREY

NEPHRITE

- COLOUR AND TEXTURE ARE THE IMPORTANT QUALITIES OF NEPHRITE.
- NEPHRITE IS THE TOUGHEST KNOWN GEM, ITS INTERLOCKING TEXTURE SURPASSES JADEITE.
- NEPHRITE COMES IN MANY HUES. MOST SOUGHT AFTER COLOUR FOR NEPHRITE IS WHITE.

NOTABLE SOURCE(S): CANADA / CHINA / RUSSIA

TREATMENT(S): DYEING / IMPREGNATION WITH PARAFFIN WAX / HEATING



REFERENCES:

GEMOLOGICAL INSTITUTE OF AMERICA (1995), GIA GEM REFERENCE GUIDE.

TAY, T. S. (2018). THE CHANGING FACE OF JADE. ALUMNI NEWSLETTER, SWISS GEMMOLOGICAL INSTITUTE

