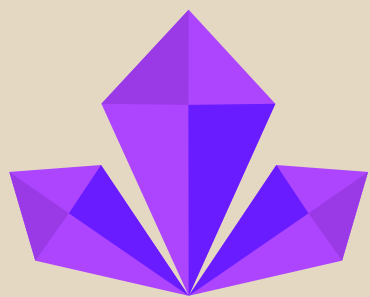


QUARTZ

*QUARTZ IS ONE OF THE MOST COMMON MINERAL ON EARTH AND CAN BE SEPARATED INTO THREE CATEGORIES - CRYSTAL / MICROCRYSTALLINE AGGREGATE / CRYPTOCRYSTALLINE AGGREGATE

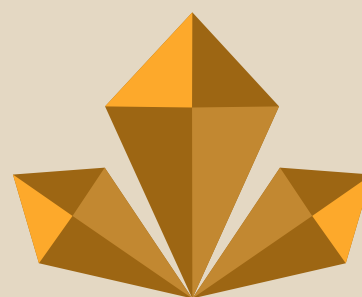
CRYSTAL (LARGE SINGLE GEMSTONE)



AMETHYST

COLOUR: PURPLE

*MOST PRIZED QUARTZ VARIETY



SMOKY QUARTZ

COLOUR: BROWN

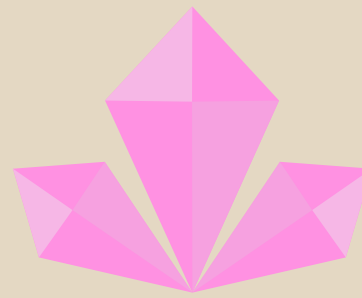
*HEATING LIGHTENS COLOUR



CITRINE

COLOUR: YELLOW / ORANGE

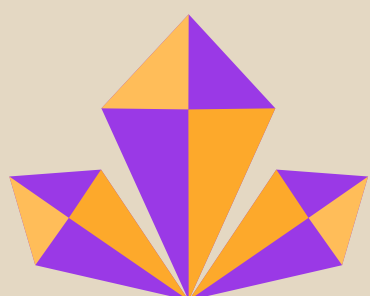
*OFTEN HEAT TREATED



ROSE QUARTZ

COLOUR: PASTEL PINK

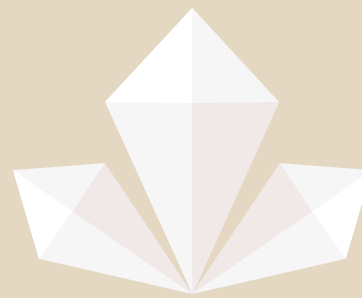
*TRANSPARENCY IS RARE



AMETRINE

COLOUR: YELLOW / ORANGE AND PURPLE

*AMETHYST-CITRINE, ONLY NATURAL SOURCE IS IN BOLIVIA



ROCK CRYSTAL

COLOUR: COLOURLESS

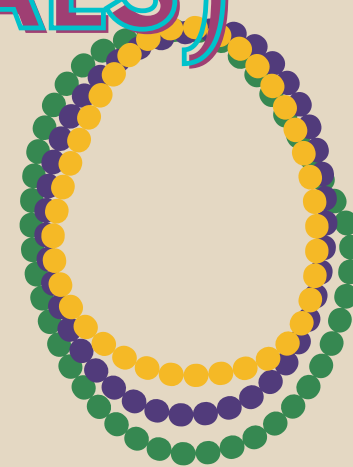
*RUTILATED QUARTZ DISPLAYING NEEDLE-LIKE INCLUSIONS ARE POPULAR

MICROCRYSTALLINE AGGREGATE (MADE UP OF SMALL CRYSTALS)

QUARTZITE (CONSISTS OF MANY PACKED SMALL QUARTZ GRAINS)

COLOUR: OFTEN DYED TO RESEMBLE OTHER AGGREGATES SUCH AS JADE <EG. DYED GREEN QUARTZITE BEADS NECKLACE>

*AVENTURINE QUARTZ IS A VARIETY OF QUARTZITE THAT GLITTERS IN LIGHT REFLECTION DUE TO INCLUSIONS SUCH AS MICA



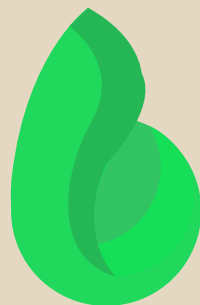
CRYPTOCRYSTALLINE AGGREGATE (MADE UP OF MICROSCOPIC CRYSTALS)

ALSO KNOWN AS CHALCEDONY QUARTZ

CHRYSOPRASE

COLOUR: YELLOWISH GREEN

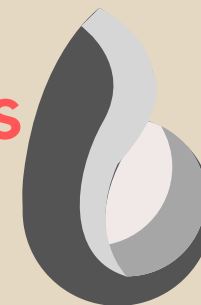
*GREEN HUE IS CAUSED BY NICKEL



ONYX AND SARDONYX

COLOUR: WHITE AND BLACK BANDS

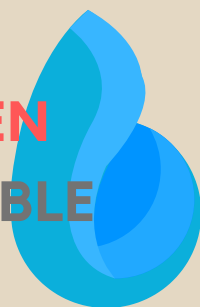
*NATURAL BLACK ONYX IS RARE, BLACK ONYX ARE OFTEN TREATED



CHRYSOCOLLA-IN-CHALCEDONY

COLOUR: LIGHT BLUE OR BLUE GREEN

*TRANSLUCENT BLUE MOST VALUABLE



JASPER

COLOUR: OPAQUE MULTI-COLOURED

*BLOODSTONE IS A VARIETY WITH RED FLECKS ON A DARK GREEN BACKING



CARNELIAN

COLOUR: YELLOWISH ORANGE / ORANGEY RED

*OFTEN FASHIONED INTO BEADS OR CAMEOS



AGATE

COLOUR: BANDED, MULTI-COLOURED

*VARIETIES INCLUDE DENDRITIC AGATE / IRIS AGATE / RED AGATE / FIRE AGATE

