

VERSATILITY OF GOLD



GOLD



As one of the world's most useful and desirable metals, gold is used in the industrial, medical, technological and jewellery industries.



Jewellery

- Up to 80% of all newly mined or recycled gold is used in jewellery manufacturing
- The malleable properties of gold make it a popular choice in jewellery-making
- Pure gold is known as 24 karat gold, and is very soft
- Gold is typically forged with copper, silver and platinum to increase its durability



Transactions

- Gold has been used as a medium of exchange for more than 6000 years
- In 560 BC, gold coins were minted under the order of King Croesus of Lydia (present-day Turkey)
- Many governments, individuals and organisations hold gold investments, also referred to as bullion



Electronics

- One of the most important industrial uses of gold is in the manufacturing of electronic goods
- Mobile phones contain approximately 0.034g of gold
- As a highly efficient electrical conductor, it can carry tiny currents and remain corrosion-free



Medical Applications

- Gold alloys are used for teeth fillings, crowns, bridges and orthodontic appliances due to its non-allergenic and malleable properties
- To enhance biocompatibility and reduce the likelihood of complications, hearing aids and inner ear implants frequently feature gold coatings



Aerospace and Defence

- Gold can reflect up to 98 percent of infrared radiation, and is used in the windshields of jets, astronaut helmet visors and on satellites
- Spacesuit helmet visors are lined with gold to protect astronauts from sunlight radiation
- Gold's combination of corrosion resistance, tarnish resistance, high electrical conductivity, and low contact resistance, along with its solderability, makes it well-suited for a wide range of military electronics applications

We've been delivering a variety of services to our Gold mining clients for more than a decade.