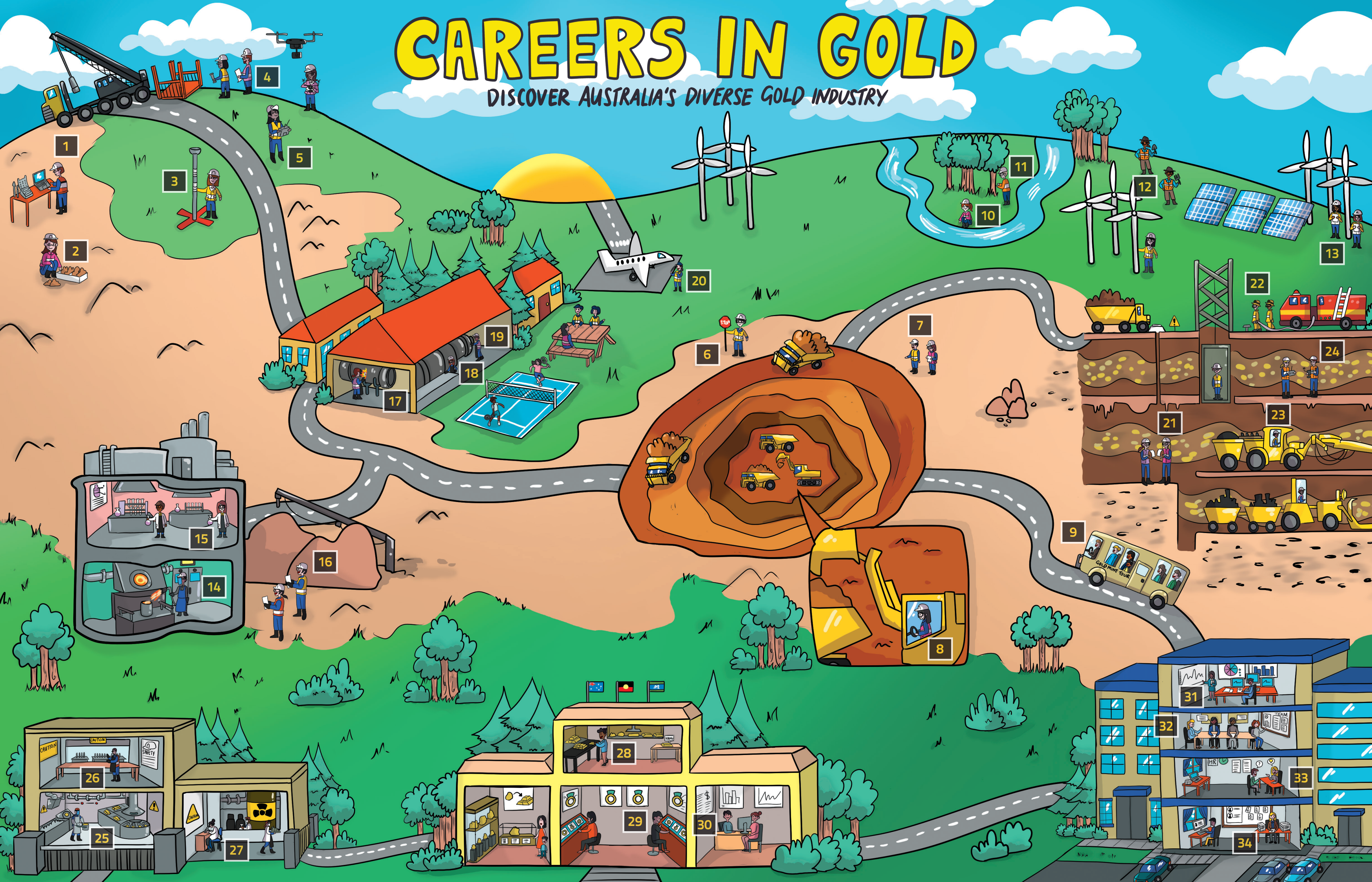


# CAREERS IN GOLD

DISCOVER AUSTRALIA'S DIVERSE GOLD INDUSTRY



## EXPLORATION & DRILLING

The initial phase where local geology is assessed and the viability of gold deposits are established.

- (1) Geophysicist
- (2) Graduate Geologist
- (3) Surveyor
- (4) Driller and Offsider
- (5) Drone Operator
- Field Supervisor
- Core Yard Technician
- Geochemist
- IT Systems Engineer

## OPEN PIT GOLD MINE

A surface mine where rock containing gold is extracted from the earth.

- (6) Safety and Training Officer
- (7) Mining Engineer
- (8) Excavator Operator
- (9) Tour Guide
- Senior Exploration Geologist
- Haul Truck Driver
- Paramedic
- Equipment Maintenance Supervisor

## ENVIRONMENT & SUSTAINABILITY

Ensuring the gold mine's operations and business activities interact with the natural environment and local community in a responsible and sustainable manner.

- (10) Environmental Scientist
- (11) Rehabilitation Officer
- (12) Indigenous Ranger
- (13) Energy Specialist
- Surveyor and Spatial Scientist
- Health and Safety Advisor
- Mechanical Engineer

## PROCESSING PLANT

At the processing plant, gold is extracted from the ore.

- (14) Process Engineer
- (15) Metallurgist
- (16) Process Plant Operator
- Fixed Plant Fitter
- Electrical Technician
- Laboratory Technician

## SITE OFFICES, CAMP & MAINTENANCE

Site facilities provide accommodation and a workspace for managers and workers.

- (17) Boilermaker
- (18) Project Manager
- (19) Mechanic
- (20) Aerodrome Officer
- Administrator
- Purchasing Officer
- Utility Worker
- Camp Manager
- Chef

## UNDERGROUND GOLD MINE

At an underground mine, rock or minerals containing gold are extracted from below the surface of the earth.

- (21) Underground Mining Engineer
- (22) Emergency Services Officer
- (23) Jumbo Operator
- (24) Innovation & Tech manager
- Mine Geologist
- Bogger Operator
- Underground Tradesperson
- Ventilation Officer
- Geotechnical Engineer

## GOLD REFINERY

A gold refinery re-liquefies the raw material to separate the gold from the other metals.

- (25) Gold Room Technician
- (26) Chemical & Maintenance Engineer
- (27) Laboratory Technician
- Health, Safety & Environment Coordinator

## GOLD MARKET

The gold market is the gateway for the finished product. Gold has many uses across multiple sectors, including investment, electronics and jewellery.

- (28) Bullion Trader
- (29) Jewellery Manufacturer
- (30) Investment Manager
- Coin Designer
- IT Specialist

## HEAD OFFICE

The principal office of a gold company is the centre for administration and planning.

- (31) Marketing and Sales Coordinator
- (32) Sustainability Manager
- (33) HR Specialist
- (34) Legal Specialist
- Chief Financial Officer
- Investor Relations Manager
- Community Relations Advisor
- Auditor
- Accountant

Discover your dream job in Australia's gold industry at [jobs.goldindustrygroup.com.au](https://jobs.goldindustrygroup.com.au)

This Careers in Gold poster was developed as part of the Gold Industry Group's National Gold Education Program.

[education.goldindustrygroup.com.au](https://education.goldindustrygroup.com.au)  
[goldindustrygroup.com.au](https://goldindustrygroup.com.au)

## AUSTRALIA'S GOLD FACTS

- Gold is the 2nd largest employer in the mining industry, providing approximately 50,000 jobs.
- Billions generated in annual gold exports and contributions to the economy.
- Gold companies provide vital community services and funding.

- World's 2nd largest gold producer.
- Home to many of the world's largest gold mines.
- Largest share of gold reserves in the world.

AN EDUCATION INITIATIVE BY

