



Discover the Vibrant Life of Boddington

Description

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An astronaut on the International Space Station took this photo of Boddington, Australia. Boddington is about 120 kilometers (70 miles) from Perth. The town has a small population of around 1,100 people. But it has a big gold mine, which is the largest in Australia.

The gold mine is northwest of the town. The photo shows the mine in the evening light. This light makes the mine's layers stand out. The shadows show the open pits. To the north, there is a tailings pond. This pond holds waste from the mine.

Southwest of Boddington is the Boddington Bauxite Mine. This area is red and is rich in bauxite, which is used to make aluminum. Green areas around the mines are farms. Boddington's farms get water from the Hotham River.

This photo was taken on September 9, 2024, with a special camera. It is part of a project to share images of Earth from space.

Vocabulary List:

1. **Astronaut** /'æs.trə.nɔ:t/ (noun): A person trained to travel in space.
2. **Population** /,pɒp.jə'leɪ.ʃən/ (noun): The total number of people living in a specific area.
3. **Tailings** /'teɪ.lɪŋz/ (noun): Waste material left after the extraction of valuable minerals from ore.
4. **Bauxite** /'bɔ:k.saɪt/ (noun): A sedimentary rock with a high aluminum content used for aluminum production.
5. **Aluminum** /ə'lu:.mɪ.nəm/ (noun): A lightweight silvery-white metallic element used in various applications.
6. **Evening** /'i:.vən.ɪŋ/ (noun): The period of time at the end of the day beginning after the afternoon.

Comprehension Questions

Multiple Choice

1. Where was the photo taken from space?

- Option: Boddington, Australia
- Option: Perth, Australia
- Option: Hotham River, Australia
- Option: Boddington Bauxite Mine

2. What is the population of Boddington?

- Option: 1,000 people
- Option: 5,000 people



Option: 1,100 people

Option: 500 people

3. What type of mine is located northwest of Boddington?

Option: Diamond mine

Option: Coal mine

Option: Bauxite mine

Option: Gold mine

4. What color represents the Boddington Bauxite Mine in the photo?

Option: Red

Option: Green

Option: Blue

Option: Yellow

5. Where do Boddington farms get their water from?

Option: Pacific Ocean

Option: Hotham River

Option: Indian Ocean

Option: Murray River

6. What project is the photo a part of?

Option: Space Exploration Program

Option: Earth Monitoring Initiative

Option: International Space Station Mission

Option: Images of Earth from Space Project

True-False

7. Boddington is located about 50 miles from Perth.

8. The gold mine in Boddington is the smallest in Australia.

9. The Boddington Bauxite Mine is rich in iron ore.

10. The tailings pond in the photo stores water for the town of Boddington.

11. The photo was taken during the day.



12. Bauxite is used to make aluminum.

Gap-Fill

13. Boddington is about _____ kilometers from Perth.

14. The photo was taken on September 9, _____.

15. The Boddington gold mine is the largest in _____.

16. The mine in Boddington is shown in the _____ light in the photo.

17. To the north of the mine, there is a _____ pond.

18. Boddington's farms receive water from the _____ River.

Answer

Multiple Choice: 1. Boddington, Australia 2. 1,100 people 3. Gold mine 4. Red 5. Hotham River 6. Images of Earth from Space Project

True-False: 7. False 8. False 9. False 10. False 11. False 12. True

Gap-Fill: 13. 120 14. 2024 15. Australia 16. evening 17. tailings 18. Hotham

Vocabulary quizzes

Multiple Choice (Select the Correct answer for each question.)

1. When does a game typically get its official release?

Option: During development

Option: At the start of production

Option: After completion of development

Option: During testing phase

2. What are payloads used for in space missions?



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- Option: Create orbit
Option: Drive the spacecraft
Option: Carry instruments or supplies
Option: Communicate with ground stations
3. What raw material is needed for producing aluminum through the Bayer process?
- Option: Iron ore
Option: Copper
Option: Bauxite
Option: Zinc
4. What natural event occurs when the moon passes between the Earth and the sun?
- Option: Solar eclipse
Option: Lunar eclipse
Option: Planetary alignment
Option: Meteor shower
5. What is the primary purpose of a charitable donation?
- Option: Create awareness
Option: Support a cause
Option: Invest for profit
Option: Gain social media followers
6. In which type of game are dungeons often a prominent feature?
- Option: Sports
Option: Puzzle
Option: Racing
Option: Role-playing
7. Which space objects are primarily found in the Asteroid Belt?
- Option: Comets
Option: Moons
Option: Planets
Option: Asteroids
8. What type of equipment is used to establish a connection in remote areas?
- Option: Blender
Option: Satellite
Option: Smartphone
Option: Telegraph
9. Which term refers to the number of people living in a particular area?
- Option: Elevation



- Option: Population
- Option: Temperature
- Option: Longitude

10. What natural disasters are often caused by extreme heat and dry conditions?

- Option: Avalanches
- Option: Earthquakes
- Option: Tornadoes
- Option: Wildfires

Gap-Fill (Fill in the blanks with the correct word from the vocabulary list.)

11. A Wi-Fi _____ is needed to access the internet wirelessly.
12. Ignoring safety protocols can lead to _____ working conditions.
13. A lunar _____ occurs when the Earth passes between the sun and the moon.
14. The robotic _____ successfully touched down on the surface of Mars.
15. After the earthquake the community came together to _____ their homes and businesses.
16. The football player celebrated after scoring a _____ in the last minute of the game.
17. Generous _____ from the community helped rebuild the orphanage after the fire.
18. _____ use powerful telescopes to study celestial objects in the night sky.
19. The sun sets in the _____ painting the sky in hues of orange and pink.
20. The company decided to offer a special _____ deal including a smartphone and accessories.

Matching Sentences (Match each definition to the correct word from the vocabulary list.)

21. The latest update of the software includes a new security to protect user data.

22. A satellite moves in a predefined path around a celestial body known as its .



23. Photographers often use filters to enhance the colors in their .
24. One of the largest lunar seas Mare is located on the moon.
25. In video games players must defeat various to progress to higher levels.
26. An undergoes rigorous training before traveling to space.
27. Recycling cans helps conserve resources and reduce the need for mining .
28. The successful of the new product received positive reviews from customers.
29. The cable company offers a bundle of services including internet TV and phone.
30. The spacecraft made a smooth on the Martian surface.

Answer

Multiple Choice: 1. After completion of development 2. Carry instruments or supplies 3. Bauxite 4. Solar eclipse 5. Support a cause 6. Role-playing 7. Asteroids 8. Satellite 9. Population 10. Wildfires

Gap-Fill: 11. connection 12. unsafe 13. eclipse 14. lander 15. rebuild 16. touchdown 17. donations 18. Astronomers 19. evening 20. bundle

Matching sentence: 1. Feature 2. Orbit 3. Images 4. Crisium 5. Enemies 6. Astronaut 7. Aluminum 8. Launch 9. Bundle 10. Touchdown

CATEGORY

1. Sci/Tech - LEVEL1

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