

Mining

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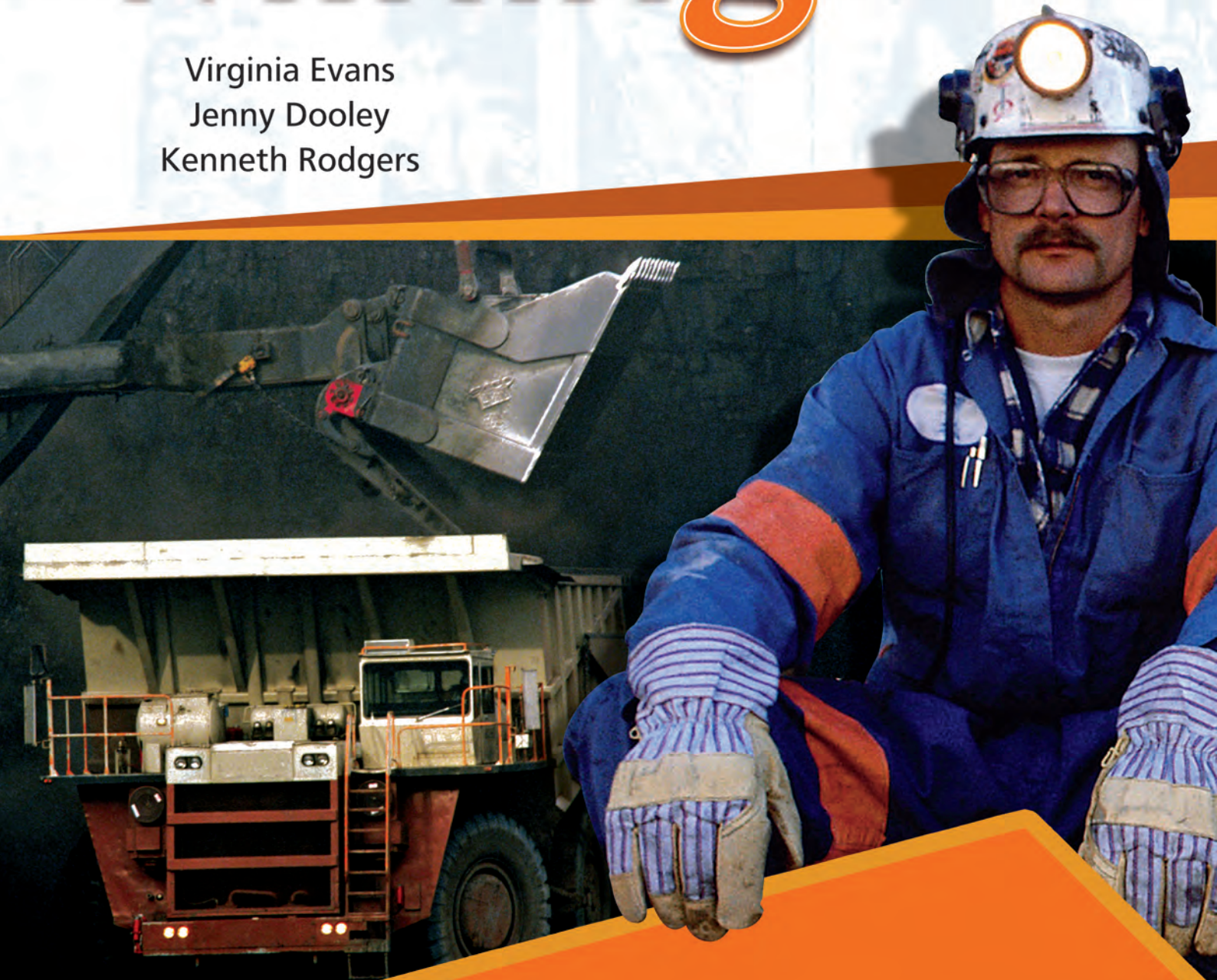


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Get ready!

1 Before you read the passage, talk about these questions.

- 1 Why are directions important in mining?
- 2 What does a foreman need to report?



Date: March 12

South Queens Mine

Foreman Reports

Regina Plumb, Foreman, Section 3

The **breast** is 20 meters farther **inby** today. We are continuing with a 10% **fall**. The **bottom** is at 1,200 feet. Our **underhand** progress is satisfactory. We have plenty of **head room**.

Max Ruiz, Foreman, Section 7

The breast is 25 meters farther inby today. We are continuing with a 5% **rise**. The **back** is at 800 feet. Have significant **overhand** progress. Head room is somewhat limited.

Dan Halloway, Foreman, Section 6

The breast is 5 meters farther inby today. We are doing **outby** work. We want to expand the mine. We need more head room. We also need more workers for the **steep** rock face.

Reading

2 Read the report. Then, choose the correct answers.

- 1 What information is NOT included in the report?
 - A The progress of different crews.
 - B The amount of head room in different sections.
 - C The direction of mining work progress.
 - D The cost of expanding a mine.
- 2 What is true about Max Ruiz's crew?
 - A They don't have enough head room.
 - B They are moving upwards.
 - C They are working at a surface mine.
 - D They need more workers.
- 3 What does Dan Halloway report?
 - A His crew is moving downwards.
 - B He doesn't have enough workers.
 - C His team has not made any progress.
 - D He wants to work in a different section.

Vocabulary

3 Read the sentence pairs. Choose which word or phrase best fits each blank.

1 inby / outby

- A Work going away from the mine entrance is _____.
- B Work going toward the mine entrance is _____.

2 underhand / overhand

- A Work advancing upward is _____.
- B Work advancing downward is _____.

4 Match the words (1-6) with the definitions (A-F).

- 1 ___ back 4 ___ steep
2 ___ bottom 5 ___ rise
3 ___ breast 6 ___ fall

- A having a slope of more than 45 degrees
B the highest point inside of a mine
C degree of downward slope
D degree of upward slope
E the working face inside of a mine
F the lowest point inside of a mine

5 Listen and read the report again. How do miners report the upward or downward slope in a mine?

Listening

6 Listen to a conversation between a foreman and a crew member. Mark the following statements as true (T) or false (F).

- 1 ___ The man is a new employee.
2 ___ The woman works in Section 3.
3 ___ The speakers will continue outby work.

7 Listen again and complete the conversation.

Foreman: Hi, you must be Corey. This is your 1 _____, right?

Crew Member: That's right. I'm really excited to start.

Foreman: Wonderful. Well, I'm Regina. I'm the foreman in Section 3. You're 2 _____.

Crew Member: Great. So what are we doing today?

Foreman: We're working on 3 _____ the section.

Crew Member: Why is that?

Foreman: The workers need a bit more 4 _____.

Crew Member: What about 5 _____ with the expansion?

Foreman: We'll continue 6 _____ with a 10 percent rise.

Speaking

8 With a partner, act out the roles below based on Task 7. Then, switch roles.

USE LANGUAGE SUCH AS:

*So what are we doing today? / We're working on ...
What about after we finish ...?*

Student A: You are a crew member. Talk to Student B about:

- what work you will be doing today
- why the work is necessary
- what work you will do after finishing

Student B: You are a foreman. Answer Student A's questions.

Writing

9 Use the conversation from Task 8 to complete the work progress report.

Work Progress Report

Foreman Name: _____

Description of Progress:

Today, our crew worked in Section _____.

First, we worked on _____.

This work was necessary because _____.

_____.

Afterwards, we _____.

_____.