

THE LANDSCAPE AND WATER IN MARS



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MARS LANDSCAPE

- Mars is a small rocky body, its surface has changed for different reasons.
- Mars has polar ice caps that change size according to the change of season.
 - Different areas of soil near the poles suggests a climate change in the planet.
- In terms of morphology, Mars and Earth are different.

PICTURES ABOUT LANDSCAPE



WATER IN MARS

- Most of the water on Mars is in the state of the ice at the poles.
- No large standing bodies of liquid water exist on the planet's surface.
- Many years ago, Mars may have had a denser atmosphere.

RIO TINTO INVESTIGATION

- The experiments in Rio Tinto adopts the name of **MARTE**.
- The rare conditions of Rio Tinto make them the most similar to Mars in Europe.
- In Rio Tinto we can find the mineral name *jarosite*.



PICTURES ABOUT RIO TINTO INVESTIGATION



QUESTIONS TO THE LISTENERS

- 1- Do you remember why the experiment **Marte** is done in Rio Tinto?
- 2-Do the poles of Mars change with the seasons?
- 3-What do you think are the possible uses of the experiments in Rio Tinto in the Mars research?