



Artificial Recharge of Groundwater in Mining

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This slide features a blue background with a circular logo in the top right corner. On the left, there is a photograph of a tall drilling rig. On the right, there is a photograph of industrial water storage tanks. The text is overlaid on the right side of the slide.



Mine & Water

Water it is required in mining operations

This slide features a blue background with a circular logo in the top right corner. The main image is a photograph of a large plume of white steam or smoke rising from a mining site. The text is overlaid on the right side of the slide.



Groundwater accompanied frequently mine activity

This slide features a dark background with a circular logo in the top right corner. The main image is a photograph of a large, turbulent flow of water, likely from a mine. The text is overlaid at the bottom of the slide.



Mine water must be abstracted through drainage wells, pumping stations and galleries

This slide features a dark background with a circular logo in the top right corner. The main image is a photograph of a person in a blue shirt and hard hat standing in a flooded mine tunnel. The text is overlaid at the bottom of the slide.



Mining is the only industrial activity producing water

This slide features a dark background with a circular logo in the top right corner. The main image is a photograph of miners in a dark tunnel, with water splashing around them. The text is overlaid at the bottom of the slide.



Objectives of artificial recharge

- The required protection of aquifers from contamination and depletion*
- The convenience of water storage to meet the demands for different uses*
- The increasingly stringent regulations on water resources for sustainable development*

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