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ON THE COVER — Academy of Science members, wives, and children all donned hard hats when they toured the taconite properties, open pit mine, and Mintac plant of U.S. Steel on one of the field trips during the 1971 fall meeting of the Academy. Part of the group is shown here in the shadow of the 200-ton trucks that haul the iron-bearing rock to the crushing plant in one stage of the production of iron pellets, which are then shipped to steel plants in the east.

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