



**DIMENSION STONE
FEASIBILITY STUDY:**



**DEVELOPMENT POTENTIAL IN MICHIGAN'S
UPPER PENINSULA**

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Figure 1. Sandstone quarry, late 1800s, Jacobsville. (Photo from MTU Archives and Copper Country Historical Collections, MTU, donated by Roy Drier).



Figure 9. Typical Wire Saw.



Figure 10. Illustration of a granite quarry operation, using wire saws, drills, and other support equipment for extraction.



Figure11. Mansfield Stone Inc., Brazil, Indiana. Small scale sandstone quarry.



Figure12. Mansfield Stone Inc., Brazil, Indiana. Diamond belt saw used for sandstone block extraction.

APPENDIX E

QUARRYING EQUIPMENT FOR GRANITE

(The following photos are from the Pellegrini web page and are included in this report as examples of typical quarrying equipment.)



Equipment for the execution of the first opening cuts - Slim Driller.



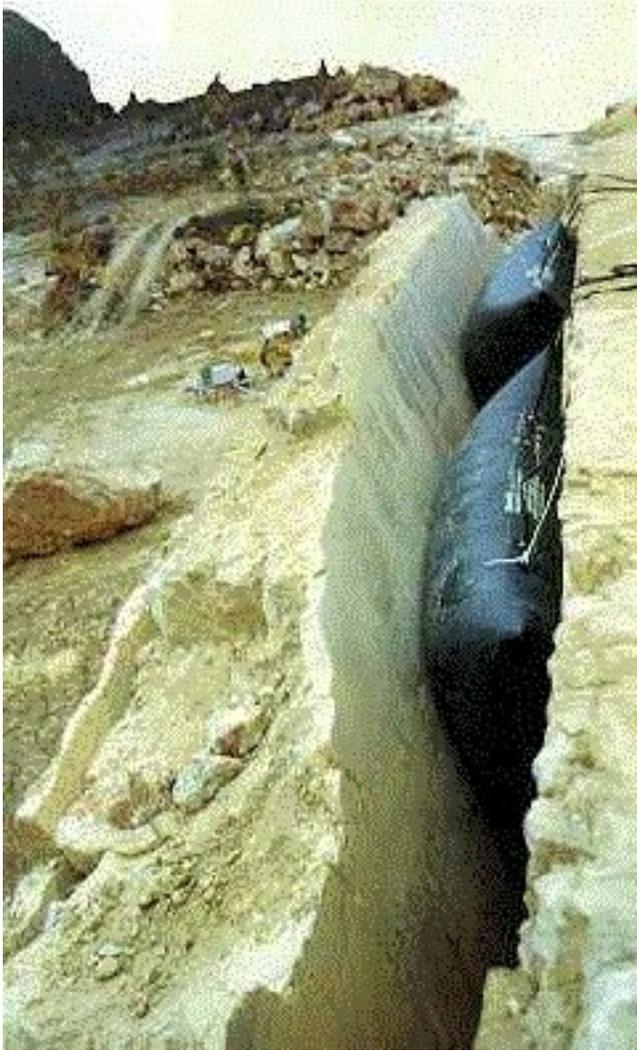
Equipment for the cutting and sizing of the benches - TBC 90/2.



Equipment for the cutting and sizing of the benches - Teledeisel TDD 100.



Equipment for sizing benches into blocks - Slim Bar.



Jacking equipment for tilting of benches – Cuscini.



Dressing equipment for blocks – Diamantfil.



Handling and hoisting equipment - Gru Derrick