



Petroleum & Natural
Gas Engineering

Mining Engineering

Mineral Processing

Fuel Science

Geo-Environmental
Engineering

Environmental Systems
Engineering

Industrial Health and
Safety

Mineral Engineering
Management

April 1, 2003

M.Can Celiksirt & Vural Erkan
Dogus Insaat ve Tic.A.S.
Kuyuluk – Findikpinari Yolu 5.Km
33280 - Mezitli
Mersin
Turkey

Dear Mr. Celiksirt & Mr. Erkan

The mining engineering program at the Pennsylvania State University uses DelPat software in both education and research endeavors.

DelPat is a comprehensive and user friendly software for drilling and blasting operations in surface mining. The software offers maximum flexibility and power for all drilling and blasting stages including pattern design, setting productivity requirement, rock properties, and bench parameters, as well as machinery and explosive selection. Its menu guides user through the steps in logical order necessary to quickly and easily analyze drilling and blasting efficiency and productivity. It also allows user control over the analysis process and enables the user to customize information output to produce customized fragmentation information, and drilling and blasting costs.

The Penn State's experience in using DelPat is extremely positive and is based upon results through the wide range of up-to-date application in coal, metal, and quarry industry, as well as the students' education in Mining Curriculum.

I would like to congratulate to you for the great job you did in designing DelPat and wish you all success in the future.

Sincerely,

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