

Wednesday PM

C/M Van Kim 85

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Tulsequah Chief

Paper No. 167 — 15:30

Coal Operations Planning: The Inter-Relationships Between Technical, Marketing and Financial Analyses at Westar Mining Ltd.
NIGEL STONESTREET, Director, Coal Operations Planning, Westar Mining Ltd., Sparwood, B.C.

There are strong fundamental relationships between marketing forecasts, financial analyses and technical analyses in the modern corporation. Due to the recession and consequent impacts on world coal trade, it has become important for coal producers, such as Westar Mining Ltd., to improve their appreciation of the implications flowing from the results of the various analyses mentioned. This paper deals with Westar Mining Ltd.'s approach to "Effective Resources Management" within its coal mining operations.

The paper discusses the elements Westar uses to formulate resource management plans including: demand and supply marketing analysis, mine plans, coal quality considerations, capital budgets, five-year plans, optimizing procedures and more.

Paper No. 168 — 16:00

"Ham and Eggs Over Easy Please!"—An Overview of the Need for Coordination Between Marketing and Production.

R. BERTINSHAW, Supervisor, Development, Crows Nest Resources Limited, Sparwood, British Columbia, and
H. STELLMACH, Manager, Utilization Technology, Crows Nest Resources Limited, Calgary, Alberta

The optimum utilization of a deposit is greatly aided by the effective coordination of marketing and production. The effective meshing of production and marketing of both the feasibility and production modes should assure that all the coal goes to the most suitable market while allowing the mine to operate with high plant yield, high mining recovery and low cost. If this is done, the mine will make the maximum return. This paper deals with the different phases of this cooperative effort.

GEOLOGY DIVISION/DIVISION DE LA GÉOLOGIE
14:00, PACIFIC BALLROOM/SALLE DE BAL PACIFIC
(HOTEL VANCOUVER)

Cordilleran Volcanogenic Massive Sulphide Deposits

A. PANTELEYEV, B.C. Ministry of Energy, Mines and Petroleum Resources, Victoria, B.C., and
C.D. SPENCE, Rio Algom Exploration Inc., Vancouver, B.C., Session Chairmen

Paper No. 169 — 14:00

Upper Paleozoic Volcanogenic Massive Sulphide Deposits near Tulsequah, B.C.

JOANNE NELSON, Consulting Geologist, Vancouver, B.C., and
JOHN PAYNE, Consulting Geologist, North Vancouver, B.C.

Massive sulphide deposits occur in Upper Paleozoic terrain of low-grade,

regional metamorphism dominated by andesitic centres. Major north-northwest-trending folds are prominent. Steeply dipping faults separate blocks of different age, structure, and metamorphic character; major lateral displacements are suspected on some.

The Big Bull and Tulsequah Chief base and precious metal massive sulphide deposits occur in small rhyolite centres. The Ericksen-Ashby prospect contains several small massive sulphide bodies associated with rhyolite and numerous "skarn" deposits formed by replacement at exhalative vents, in which sulphides and rhodonite occur in chert breccias. Several prospects in limestone have Ag-values of a few hundred oz/T.