



TECHNICAL NOTE

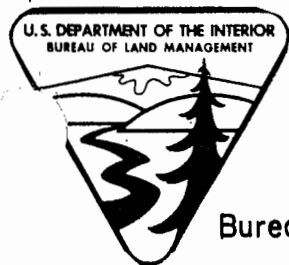
U.S. DEPARTMENT OF THE INTERIOR - BUREAU OF LAND MANAGEMENT

Subject: Mineral Valuation, Solid Minerals
(Supplement to May 25, 1970 Technical Note, same subject)

Selected References:

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19. Bureau of Mines Process Evaluation Report 70-8, March 1970, Unit Cost Economic Evaluations of Underground Bituminous Coal Mines with Production from 1,000,000 to 5,000,000 Tons Per Year (72-Inch Seam), Morgantown Research Center, Morgantown, West Virginia. Obtainable from the Bureau of Mines Library, Building 20, Denver Federal Center, Denver, Colorado 80225 (TN23U25).
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22. Bureau of Mines Process Evaluation Report 70-14A, June 1970, Economic Evaluation of Underground Bituminous Coal Mines with Production of 500,000 and 1,000,000 Tons Per Year (30-Inch Seam), Process Evaluation Group, Morgantown, West Virginia. Obtainable from the Bureau of Mines Library, Building 20, Denver Federal Center, Denver, Colorado 80225 (TN23U25).
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24. Bureau of Mines Process Evaluation Report 71-25, January 1971, Bibliography of Investment and Operating Costs for Mining and Metallurgical Plants, January-December 1970, Process Evaluation Group, Morgantown, West Virginia. Obtainable from the Bureau of Mines Library, Building 20, Denver Federal Center, Denver, Colorado 80225 (TN23U25).
25. Mackenzie, Brian W., "A Framework for Decisions," Mining Engineering, August 1970.
26. McIntosh, James, "Profit Trends for American Mining Companies," Engineering and Mining Journal, February 1969.
27. _____, "Profitability and Other Financial Aspects of the Mining Industry." Paper presented to the Denver Section, AIME, 1969.
28. Rudawsky, Oded, 1970, "Economic Evaluation Techniques for Mining Investment Projects," Mineral Industries Bulletin, Colo. School of Mines, Volume 13, No. 6 and Volume 14, No. 1, Nov. 1970 and January 1971. Good reference.
29. Silbergh, Michael and Brons, Folkert, "Profitability Analysis--Where Are We Now?," Society of Petroleum Engineers (AIME) Pre-Print SPE 2994 (1970). Although oriented toward oil and gas, this is an excellent general discussion of various methods of analysis--past, present and future. Extensive bibliography.
30. Terborgh, George, 1963, "The Discounted-Cash-Flow Method of Investment Analysis," Studies in Business Investment Strategy #6, Machinery and Allied Products Institute and Council for Technological Advancement, Washington, D. C.
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TECHNICAL NOTE

Bureau of Land Management U.S. DEPARTMENT OF THE INTERIOR

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Mailing List 1

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Subject: Mineral Valuation, Solid Minerals
(Supplement Number 2 to May 25, 1970 Technical Note,
same subject)

Selected References:

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33. Dunn, Wallace and Brooks, "Mineral Resource Valuation in the Public Interest," Preprint 71-H-87, Society of Mining Engineers, AIME, 1971. Similar to Item 12.
34. Pommier, Carranza and Medina, "The Relationship Between Production and Commercialization of Mineral Products - An Optimized Computer Programme," Preprint 71-K-45, Society of Mining Engineers, AIME, 1971.
35. Smith, L. A. and Fishburn, D. H., "The Cement Industry Dilemma: Abandon, Expand or Rebuild," Rock Products, May 1971. Uses economic analysis techniques to answer the questions asked in the title.
36. Barbur, J. V., "How to Expand Your Cement Plant - and Your Profits," Rock Products, July 1971. Uses the net cash flow to evaluate alternate plans for expansion.
37. Miller, Robert A., "Computer Program for Economic Evaluation of Underground Bituminous Coal Mines," U. S. Bureau of Mines Information Circular 8513, Government Printing Office (\$0.50). Provides the complete program for this ADP model.
38. Gentry, Donald W., "Two Decision Tools for Mining Investment - And How to Make the Most of Them," Mining Engineering, November 1971. Discusses payback and DCF methods.
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