

Analisis Kelayakan Proyek Penambangan Batu Kapur di Kabupaten Gunungkidul

Studi Kasus : PT. Damai Mulia Pratama Tahun 2015 - 2020

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Penelitian ini bertujuan untuk mengevaluasi proyek penambangan batu kapur yang akan dilakukan oleh PT. DMP dari sisi ekonomi dan mengetahui kelayakan proyek penambangan batu kapur yang dilakukan oleh PT. DMP dalam jangka waktu 5 tahun jika ditinjau dari aspek teknis, aspek biaya produksi, aspek perkiraan pendapatan penjualan, aspek perkiraan aliran uang tunai, aspek *Net Present Value*, dan aspek laju pengembalian internal.

Data Keuangan diambil dari laporan eksplorasi PT. Damai Mulia Pratama Tahun 2015 yang disusun berdasarkan kondisi pasar saat laporan tersebut disusun dan diasumsikan tidak terdapat perubahan nilai hingga akhir periode penghitungan. Analisis ekonomi didasarkan pada kriteria penilaian kelayakan investasi yang meliputi: *R/C ratio*, *Net Present Value (NPV)*, dan *Internal Rate of Return (IRR)*.

Hasil penelitian ini menunjukkan estimasi cadangan sumber daya batu kapur di lokasi penambangan PT. DMP mencukupi untuk dilakukan eksploitasi sumber daya batu kapur dan dilakukan operasional produksi. Dilihat dari perhitungan *Revenue Cost Ratio*, PT. DMP masih selalu menunjukkan laba selama 5 tahun masa observasi. Selain itu, nilai *Net Present Value* menunjukkan angka positif yang artinya proyek bisa diterima dan dilanjutkan.

Kata kunci : studi kelayakan, penambangan, batu kapur, kabupaten gunungkidul

Feasibility Study of Limestone Mining in Gunungkidul Regency

Case Study : PT. Damai Mulia Pratama 2015 - 2020

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This study aims to evaluate the limestone mining projects conducted by PT DMP economically and to know the feasibility of limestone mining project conducted by PT. DMP in a period of 5 years in terms of technical aspects, aspects of production costs, the estimated sales revenue, cash flow estimates aspects, Net Present Value and Internal Rate of Return.

Financial data is taken from the exploration report of PT. Damai Mulia Pratama in 2015 , arranged by market conditions when the report was drafted, and assumed there was no change in value until the end of the period of calculation. Economic analysis is based on the criterion of feasibility of investment include: R/C ratio, Net Present Value (NPV) and Internal Rate of Return (IRR).

The results of this research indicate estimated reserves of limestone resources in PT. Damai Mulia Pratama's mining site adequate to do the exploitation of limestone resources and production operations are performed. Seen from the calculation of the Revenue Cost Ratio, PT. DMP still always show a profit over the next 5-year period of observation. In addition, the value of Net Present Value figures demonstrate a positive meaning that the project could be accepted and continued.

Keyword : feasibility study, mining, limestone, Gunungkidul Regency.