
- Mines Valuation

The prediction of the value of Mine/Mining Company is a complex matter. There are inherent risks in the specific nature of mining industry. Apart from the usual Financing Risk in the case of mining producers and Discovery Risk in the case of pure exploration companies, there are global factors such as price volatility, ongoing changes in operating and capital cost structures, stock market vagaries, etc.

Mineral developments generally have long lead times before they come to full production. This is followed by a period of mineral production at or near full capacity, leading eventually to mine close.

The Mines and Minerals Practice of RBSA has carried out Valuation, Due Diligence and Financial Analysis of Mines and deposits representing more than 90% Copper Reserves, more than 90% Zinc Reserves and more than 85% Lead Reserves of India.

Methods of Mines Valuation:

- The market approaches, including:
  - US$ per unit of commodity

- The cost approaches, including:
  - Multiples of exploration expenditure.

- Income approaches, including:
  - Discounted cash flow (DCF) techniques
  - Option (derivative) pricing techniques.
RBSA has special expertise in Mines Valuation

- Valuation of Mines and Minerals Reserves
- Fully developed and operational mines
- Partly explored deposits and exploration properties
- Major and minor minerals, metallic (Ferrous & Non Ferrous) and nonmetallic minerals, fuel minerals
- Open pit as well as underground mines
- Due Diligence, Mines Valuation, Mineral Reserve Valuation and Advisory
- Mining Feasibility Studies
- Mineral Reserve Certifications
- Review of Operations and Mining Leases
- Technical Opinions

Credentials:

Following are select credentials in Mines Valuation:

- Financial Advisor to the Government of India, Ministry of Finance (Department of Disinvestment) for the proposed USD 4 Billion residual stake sale in Hindustan Zinc Limited.
- Valuation of Lands of 23 Coal Mines for the purpose Coal Block Auction Process on behalf of SBI Capital Market Limited.
- Valuation of Socidade Fomento International (SFI) and various associated Iron Ore mines for Arbitration Purposes.
- Valuation of Limestone Mines for Sagar Cements & Amareshwari Cement to determine share swap ratio for Merger purposes.
- Acted as Valuation Advisor for the proposed acquisition of Coal Mines of Bharat Coking Coal Limited (BCCL) by JSW Energy.
- Valuation of all Assets including Mines, Smelters, Townships, Dams etc. of Hindustan Copper Limited for the Government of India’s Disinvestment programme.
- Valuation of Equity, Mines, Tangible & Intangible Assets of IDCOL Ferro Chrome & Alloys Limited.
- Financial Advisory Services for Valuation of Mineral Reserves of two Limestone Mines (Amli and Thandiberi) of Binani Cements Limited for Banking purposes.
• Financial Advisory Services for Valuation of Equity shares of Sree Metalliks Limited and Valuation of Iron Ore Mines allotted to Sree Metalliks for Internal Review purposes.

RBSA Services

• Tax Valuation
• Tev Study
• Transaction Advisors
• Mining Valuation
• Middle East Valuation
• Joint Venture Dispute
• Loss Assessment Valuation
• Sweat Equity Valuation
• Share Holder Disputes India
• Mines Valuation

Valuation

• Business Valuation
• Valuation of Brands, Intangible Assets & Intellectual Property
• Valuation of Financial Securities, Instruments & Derivatives
• Valuation of Industrial Assets, Plant & Machinery
• Valuation of Real Estate
• Valuation of Infrastructure Assets & Specialized Assets
• Purchase Price Allocations for Mergers & Acquisitions
• Impairment Studies for Tangible Assets
• Impairment Studies for Intangible Assets & Goodwill
• Mines, Mineral Advisory and Valuation
• Valuation of ESOPs and Sweat Equity
• Valuation for Tax, Transfer Pricing and Company Law Matters
• Fairness Opinions

Investment Banking

• Mergers & Acquisitions
• Transaction Structuring & Advisory
• Due Diligence – Financial, Tax and Business
• Fairness Opinion
• Corporate Finance Advisory
• Corporate Restructuring, Business Reorganization
• Partner Search and Joint Ventures
Advisory Services

**Financial Advisory for Dispute & Litigation**

- Valuation & Financial Advisory Services
- Loss Assessment, Damages & Loss of Profit Analysis
- Independent Expert testimony
- Anti-trust & Competition Advisory
- Post-Acquisition Disputes, Joint Venture & Shareholder Disputes
- Civil & Construction Disputes, Real Estate Disputes
- Environment Damage Assessment
- Intellectual Property Rights Dispute
- Forensic Audit

**Strategic & Risk Advisory Services**

- Techno Economic Feasibility Studies
- Economic Viability & Financial Appraisal
- Business Plan Preparation

**Real Estate Advisory Services**

- Financial Modeling and Highest & Best Use Studies
- Investment Related Due-Diligence Exercises

**Infrastructure Advisory Services**

- Bid Advisory and Bid Process Management
- Preparation of Information Memorandums
- Preparation of Detailed Project Reports

**Technical Assurance Services**

- Technical Due Diligence Reviews for Mergers & Acquisition
- Lender’s & Investor’s Engineer Services
- Independent Engineer’s Services
- Technical Opinion and Audits
- Chartered Engineer’s Opinion & Certification
- Project Cost Investigations & Forensic Advisory
- Project Appraisal and Monitoring
International Reach

- Australia
- Bahrain
- China
- Europe
- Germany
- Hong Kong
- Sri Lanka
- India
- Japan
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