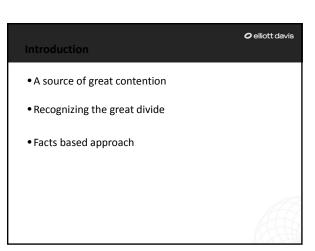


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Valuation Discussion An overview of valuation basics Discuss valuation methods Review development of a valuation Examples



The Foundation

Two Primary Elements of Valuation:

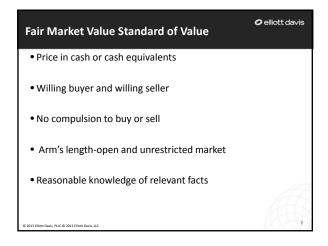
1. The ability to generate ongoing economic benefits

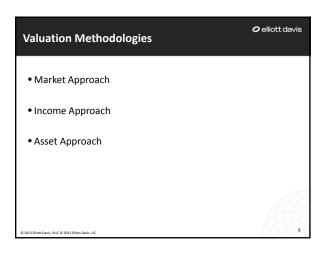
2. Risks associated with generating these economic benefits

1. Systematic

11. Company Specific

The price, expressed in terms of cash and cash equivalents, at which property would change hands between a hypothetical willing and able buyer and a hypothetical willing and able seller, acting at arm's length in an open and unrestricted market, when neither is under compulsion to buy or sell and when both have reasonable knowledge of the relevant facts.

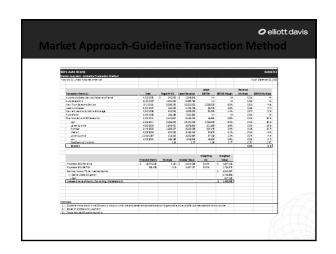


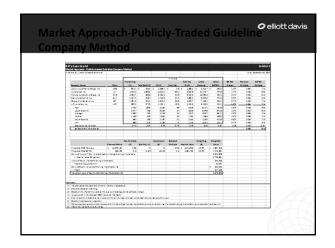


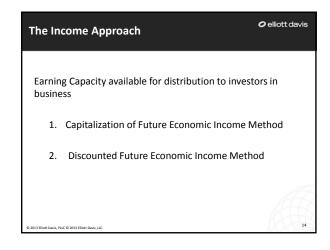
The Market Approach The Comparable Transaction Method (Merged & Acquired Company) Same or similar line of business Similar revenue levels Common economic drivers RESULT: Controlling, marketable value The Guideline Public Company Method Similar company on public exchange Stock price relative to a certain financial variable Earnings, EBITDA, or Revenues RESULT: Non-Controlling marketable value

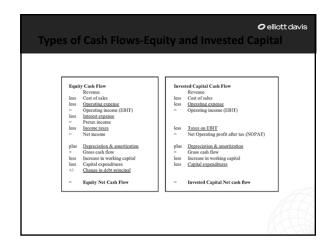
The Market Approach – Considerations	<i>O</i> elliott davis
Transaction details - What was included in the transaction	
Duplicated transactions reported in various datab	oases
A lack of sufficient transactions to perform analys	sis
Synergistic premiums	
Distressed sales	
Are the guideline companies a relevant comparis O 2013 BION DOWN, PLLC © 2014 BIONT DOWN, ILL	on 10

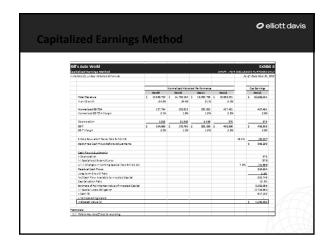
Database Differences							
	PRATTS	BIZ COMPS	IBA	MergerStat	Done Deals		
Data Source:	SEC/Brokers	Brokers	Brokers	SEC/Proprietary	SEC		
Income Statement:	Fiscal Year End	Annualized frequently	Interim Annualized	Trailing Twelve Months	Interim Annualized		
Value of Debt Assumed:	Included when assumed	Excluded	Not generally assumed	Included when assumed			
Earnings Multiples	EBITDA EBIT Gross Profit Discret. Earnings	Sellers Discret. Earnings	Discret. Earnings	EBITDA EBIT Gross Profit Discret. Earnings	EBITDA Net Income Cash Flow		

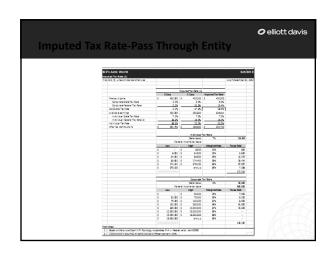












Discount Rates and Capitalization Rates

Discount Rate- A rate of return used to covert a monetary sum payable or receivable in the future, into a present value.

Capitalization Rate- A divisor (represented by a percentage) that is used to convert anticipated economic benefits into a single period of value.

Capitalization Rate = Discount Rate - L-T Growth Rate

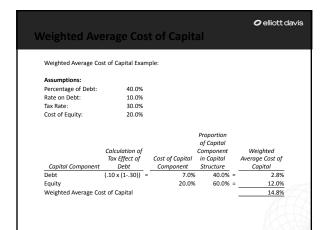
Definitions from American Society of Appraisers Business Valuation Standards definitions

Discount Rate and Capitalization Rate-The Cost of

- Typically the cost of capital used is stated in terms of after-tax returns.
- Cost of capital determinations are made from publicly traded companies.
- The cost of capital determination is the same for minority and control investors.

Discount Rate and Capitalization Rate-The Cost of Capital

- Direct to equity versus total invested capital. What's the difference?
- Is it the same cost of capital?
- What is the weighted average cost of capital, (WACC)?

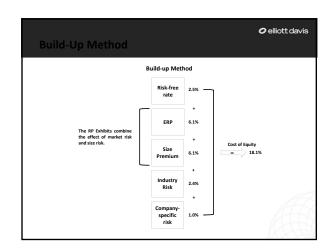


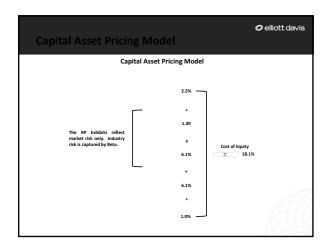
Discount and Capitalization Rates

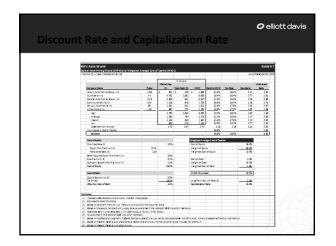
 How do we determine the cost of capital?

 Build Up Method (BUM)

 Capital Asset Pricing Model (CAPM)

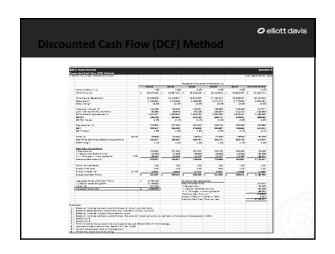






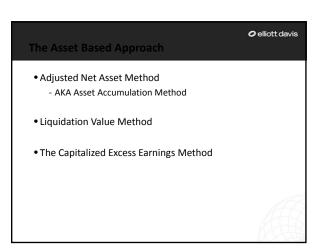
The Discounted Future Economic Income Forecast future revenues, operating expenses, working capital requirements and capital expenditures Determine a terminal value for ongoing operations after stabilized level of operations reached Determine present value through discounting the forecasted periods and terminal period using appropriate discount rate

Capitalization of Future Economic Income Determine single period of representative economic income Stabilized and sustainable level of income Consider historical performance and expectations Normalization adjustments This determined level of income is divided by a capitalization rate to determine a present value Ongoing growth rate reflected

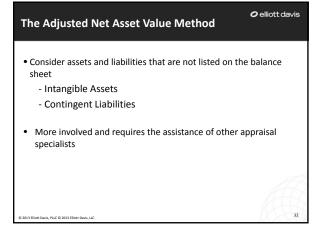


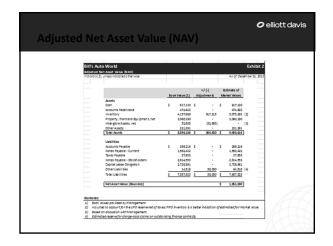
Discounted future income- Crystal balling?
 Is growth anticipated to be unusual in the immediately subsequent years
 Are earnings at a stabilized level
 Unusual Capital Expenditures or extraordinary items in the immediately following years

Any of the above could be known or knowable as of the date of separation



The Adjusted Net Asset Value Method Analysis and value of the underlying assets of a business Fundamentally-the market value of the business's assets less the total liabilities of the business Necessary to obtain appraisal of equipment, real estate and other property owned by the business on a going concern basis Inventory Work in Process





Not Forensic Analysis A Valuation is not a forensic engagement Potential Items could identify need for forensics - Hidden Assets (Property) - Unreported Income - Separate Property-Asset Tracing Issue Necessary to consider cost of analysis

The Data Collection Process

The Data Collection Process

Two primary factors drive data collection

Nature of the business and its business cycle

Whether resulting report will be Valuation or Calculation

Financial Information and non-financial information are relevant and necessary

The documentation request is a dynamic process

Organizational documents and other information is necessary

The Management Interview / Access to CPA and CFO

Analysis of the Subject Business

Industry research and analysis of ratios and common size financial data

Consideration of the economic environment

Economic drivers for the industry

Anticipated changes

Information from management interview

Understanding history

Management philosophy

Competitive environment

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Analysis of the Subject Business • Company Analysis - Facilities - Vendor relationships - Customer base and concentrations - Legal or regulatory issues • Normalizing the financial statements - Elements of owner control - Nonrecurring income and expenses - Improper or unusual accounting

