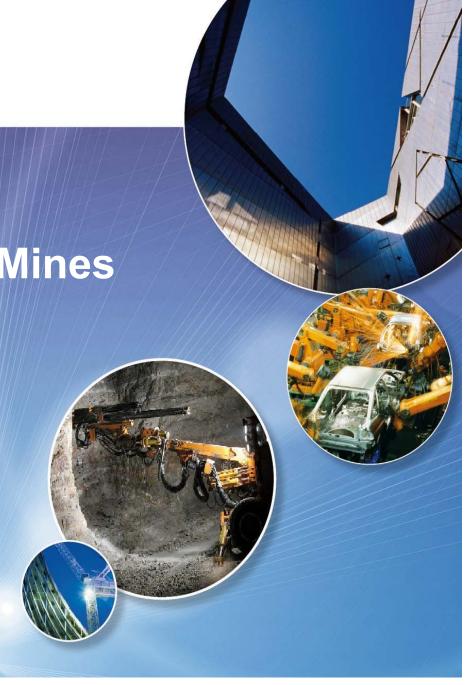


Analyst Site Visit Nyrstar Tennessee Mines

15 June 2010 Stuart Gula, General Manager



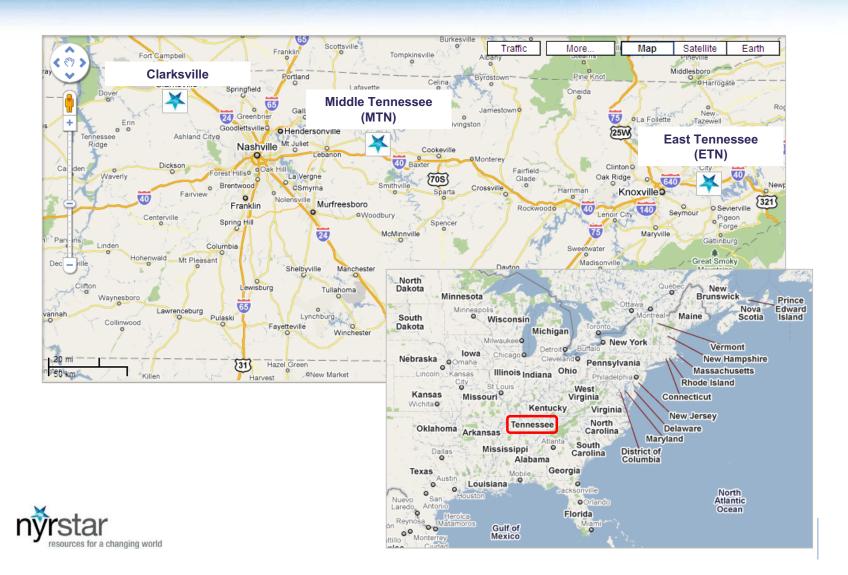
Agenda

- Overview
- Operations
- Performance
- Synergies
- Key Initiatives
- Summary





Overview: Location



Overview: **History**

Middle Tennessee		East Tennessee	
1964	New Jersey Zinc Co. (NJZ) commenced exploration near Murfreesboro	1850s	Oxidised zinc ores discovered along Mossy Creek in Jefferson City
1968	Discovery hole at Elmwood	1926	Universal Exploration Co. (US Steel)
1974	NJZ Co. completed Elmwood Mill		opened the Davis Mine.
1975	Union Miniere took 40% interest in NJZ Co. and formed Jersey Miniere Zinc Co.	1953	New Jersey Zinc began operations at Jefferson City Mine after entering the area
1982	Gordonsville Mill commissioned	4000	and 1947
1984	JMZ acquired remaining NJZ Co.	1963	New Market Mine commenced operations
	operations formed Union Zinc Inc. (UZI)	1988	ASARCO purchased the assets of Inspiration Development Company including the Jefferson City Mine and Mill and the Beaver Creek Mine
1994	Savage Resources acquired UZI and commenced development to Horseshoe Bend		
1999	Pasminco acquired Savage resources	1997	Temporary closure the New Market Mine
	Mossy Creek Mining acquired the assets		and subsequent permanent closure in 1999
2006	operating Ag-Lime business Strategic Resources Corporation acquired	2001	Closure of all ASARCO operations
2000	the operation and began re-commissioning		following acquisition by GROUPO Mexico
	the operations which ceased in 2008	2006	Operations acquired by Glencore and recommissioning began until 2008 when
2009	Nyrstar acquisition		placed on care & maintenance
nýrstar		2009	Nyrstar acquisition

Operations: Mining Overview

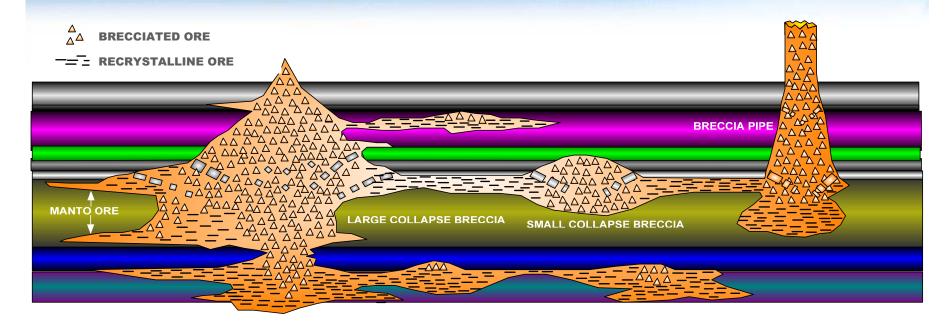
- Each complex consists of 3 mines
- **ETN Mines**
 - Coy
 - Immel
 - Young (includes Mill & Stores)
- MTN Mines
 - Cumberland (dewatering in progress)
 - Elmwood (dewatering in progress)
 - Gordonsville (includes Mill & Stores)

- Utilising random room & pillar mining approach
 - Hoisting ~5 million tonnes per annum of ore (2.5 million per complex)
- Average ore grade 3.0-3.5% Zn
- Mixed Mobile Equipment Fleet
 - Oldenberg Drills
 - Caterpillar, Sandvik Tamrock and Dux trucks and loaders



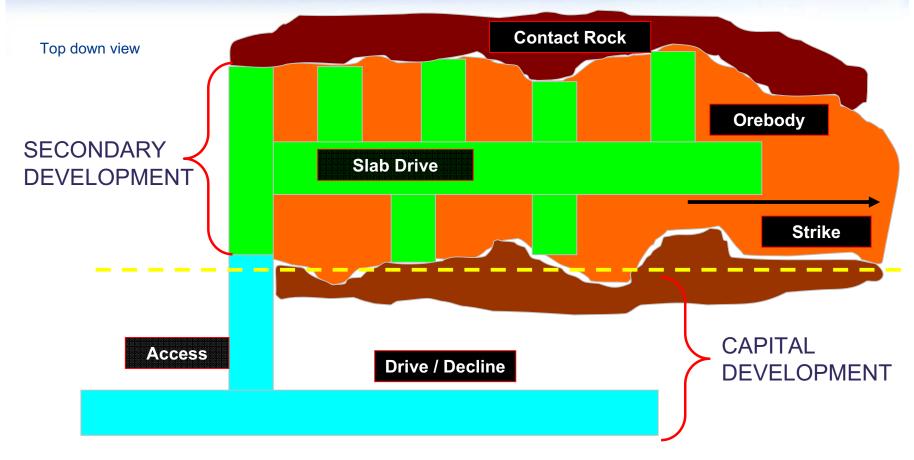


Operations: Conceptual Geology



- Zinc ore hosting beds are found in the Middle Mascot and Kingsport formations within favorable zones of interbedded limestones and dolomites
- Mineralization occurs within breccia collapse structures, manto structures, and recrystalline (up to 150 feet high)
 - **Breccia ore**: Small to large breccia bodies are the results of dissolution and recrystallization of limestone resulting in collapse of overlying dolomite and limestone beds
 - **Manto ore**: small breccia bodies or "ore shoots" extending off of main breccia bodies
 - **Recrystalline ore**: mineralization occurring in fine to course crystalline dolomite (recrystalline)

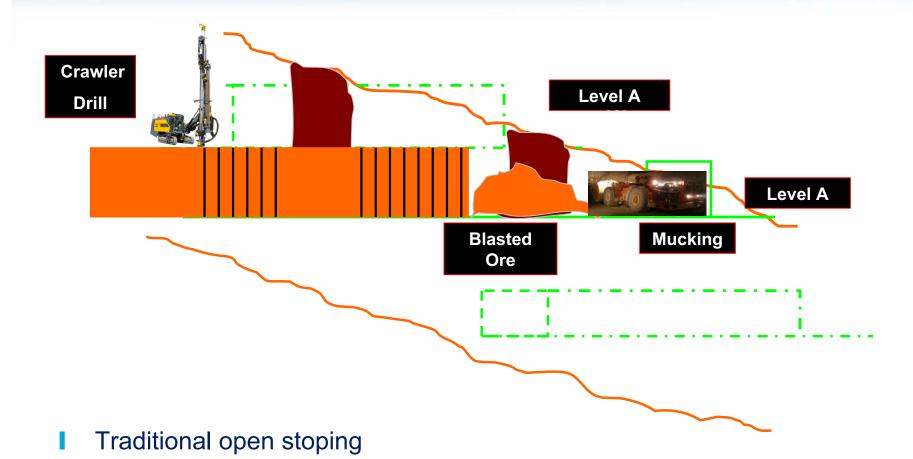
Operations: Development Mining



Random Room and Pillar Development



Operations: Vertical Bench Mining





Operations: Horizontal Bench Mining Ground Support Scaling Mucking after Shrinkage

Multiple pass shrink stoping



Operations: Resources

Middle Tennessee Resources (2008)

Category	Mt	Zn %
Indicated Underground	3.12	3.28
Indicated Surface	6.22	3.40
Inferred Surface	18.90	3.44
Total	28.25	3.42

East Tennessee Resources (2009)

Category	Mt	Zn %
Measured Underground	3.58	3.66
Indicated Surface	6.06	4.27
Inferred Surface	7.31	3.24
Total	16.95	3.70

- Reviewing resource statements to ensure JORC compliance
- Updated JORC compliant resource statements expected for FY10 results
- Updated reserve statement dependent on finalisation of life of mine planning



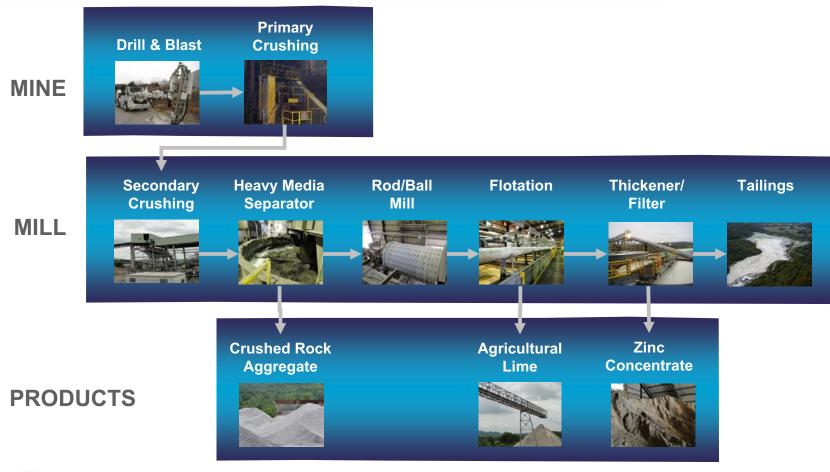
Operations: Milling Overview

- ETN & MTN planned ore throughput per plant
 - Crushing/ Heavy Media Separation ~350tph ore
 - Grinding/Flotation ~150tph ore
- Concentrate production
 - Approximately 100-110ktpa zinc concentrate production per complex
 - Concentrate grade ~62% zinc
- By-Products
 - Crushed rock aggregate
 - Agricultural lime
- Delivery to Clarksville
 - Barge transport from ETN
 - Truck transport from MTN





Mining and Milling Process





Performance: Integration & Ramp-Up

- Implementing Nyrstar policies and culture across both mines
 - Values & Behaviours workshops
- Significant recruitment effort well underway
 - Recruiting workforce that will align with our values and behaviours
 - Approximately 700 employees across both mine complexes at full employment
 - I Tennessee Career Centres assisting with recruitment of hourly paid employees
 - Establishing employee consultative networks
- I Training & Development
 - Mine Safety and Health Administration courses
 - Nyrstar Safety Leadership program
- Systems Implementation
 - Implementing Nyrstar SAP for HR, Finance, Asset Management, Materials Management
 - Implementing Nyrstar policies & procedures





Performance: Safety & Environment

Safety and Environment

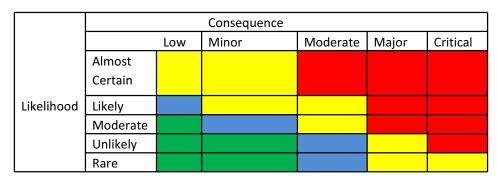


- Development of Nyrstar safety culture a priority
- Behavioural and systems based safety approach being implemented



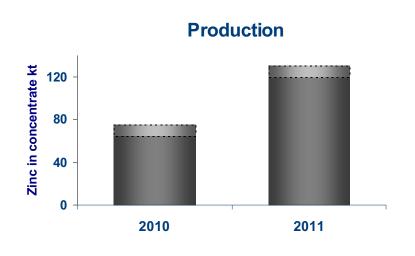
Performance: Risk Management

- Focused on hazard identification & risk awareness behaviours
 - Conducted business risk assessment
 - Implemented Risk Information Management Systems (RIMS)
 - Conducting safety leadership training
 - Established critical risk controls
- Working closely with Mine Safety and Health Administration (MSHA)
- Integrated Management Systems to be implemented
 - Environment ISO14001
 - Safety OHSAS18001 / AS4801
 - Quality ISO9001





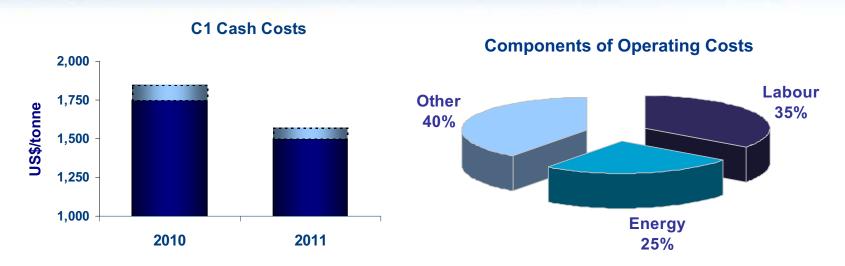
Performance: Zinc Metal Production



- East Tennessee ramp-up well progressed, with production at 75% of capacity
- Middle Tennessee in early stages of ramp-up (Cumberland and Elmwood mines being de-watered)
- Expect to achieve full production rate of approximately 130kt zinc in concentrate by 2011



Performance: Site Unit Costs

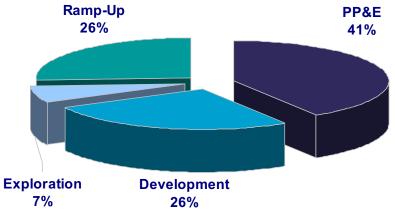


- Post ramp-up, expect average C1 cash costs to be approximately US\$1500-1600/tonne (and approximately 20% higher during ramp-up in 2010)
 - I Operating Costs consist of approximately 35% labour, 25% energy and 40% other (predominately stores and external services)
 - Note that C1 cash costs include operating costs, by-product credits (primarily from crushed rock aggregate) and freight
 - Royalties are not included in C1 cash costs (approximately 2% of Gross Profit)
 - Opportunity to improve cash costs further through more robust mine planning

Key Initiatives

- Reserves/Resources review
 - Exploration program in progress for replacement of depleted resources
- Major capital expenditure
 - New ball mill being installed at MTN to achieve full production capacity to be commissioned Q3 2010
 - Dewatering and rehabilitation of Cumberland and Elmwood mines
 - I Tailings storage facilities
- Business improvement
 - Business strategy & planning
 - Increasing cut-off grade for reserves

Capital Expenditure 2010







Tennessee Operations: Synergies

- I There are a number of synergies as a result of Nyrstar owning both mines and the Clarksville smelter
 - The mines are now managed by a single and experienced management team
 - Opportunities for procurement savings across the two mines and smelter on key spends such as energy, stores and external services
 - Freight benefits due to convenience of location of mines and smelter
 - The Clarksville smelter benefits from improved recovery and higher production due to high grade, low impurity concentrates
 - I Germanium/gallium in concentrates has potential to increase the value of smelter by-products
 - Shared Nyrstar support services between mines and the smelter





Tennessee Mines: Summary

- Strong focus on safety, environment and risk management
- Rapidly ramping up both mine complexes
- Implementing the Nyrstar policies, systems and culture
- Reviewing reserves and resources
- Focused on continuous improvement
- Targeting significant regional synergies



Questions





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