

# Buchans Lundberg Deposit

BuchansResources

**Newfoundland**  
**4** base metal properties

containing  
**Zn**  
**Pb**  
**Cu**  
**Ag**  
**Au**

Lundberg/Engine House deposit, Daniels Pond deposit, Bobbys Pond deposit and Tulks Hill deposit

**Advancing towards Pre-Feasibility**

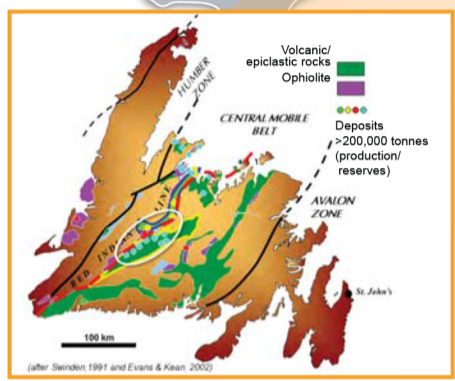
**NI 43-101 Resource**  
 (US\$15 NSR cut-off; as at February 22, 2013)

**23.4 Mt** Indicated

1.41% Zn, 0.60% Pb, 0.35% Cu, 5.31 g/t Ag, 0.07 g/t Au

**4.3 Mt** Inferred

1.29% Zn, 0.54% Pb, 0.27% Cu, 4.47 g/t Ag, 0.08 g/t Au



**Buchans-Asarco Historic Mining**  
 (from 1928 to 1984)

**16 Mt** mined  
 14.5% Zn, 7.6% Pb, 1.3% Cu,  
 1.37 g/t Au, 126 g/t Ag

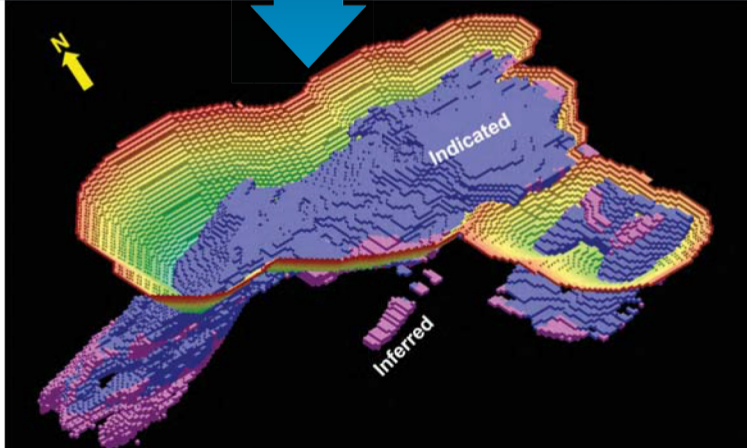
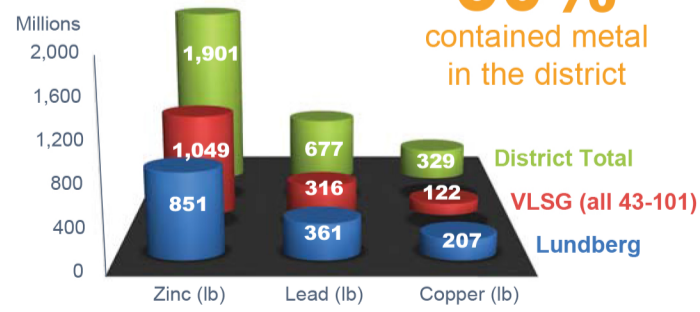


**Mineralization**  
 Largest resource – stand alone open pit with possible central milling & processing facility

## The Opportunity

**District hosts**  
 ~2 billion lbs zinc  
 ~700 million lbs lead  
 ~300 million lbs copper

**Lundberg hosts**

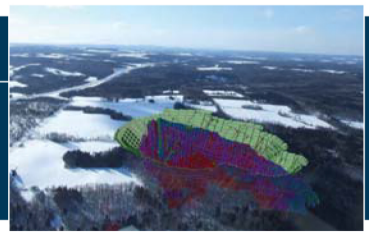


**Lundberg: largest resource in the District**  
 Encouraging 2014 exploration drill hole results at Lundberg for possible extensions of two massive sulphides horizons located beyond the optimized pitshell (PEA 2011).

### Woodstock Manganese Project, New Brunswick (100% wholly-owned)

**Positive Preliminary Economic Assessment: NPV 8% Cdn\$846 Million Pre-Tax IRR 18%**

Based on a 3,000 tonne/day operation, pre-production capex of Cdn\$864 million and average annual payable production of ~80,000 tonnes. PEA's base case indicates long project life of 40 years with operating costs anticipated to be the lowest in the world of ~US\$0.64/lb of electrolytic manganese metal produced over the first 20 years and US\$0.68/lb EMM over the life of project.



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