

Mesabi Iron Range Large Scale Developments

November 9, 2006

PROJECTS	PROJECTED CONSTRUCTION JOBS						Comments
	2006	2007	2008	2009	2010	2011	
Excelsior Energy Project			2708	2728	2985	574	
Minnesota Steel Industries project in Nashwauk		500	1000	1000	1000		
Machine #7 at the UPM paper mill in Grand Rapids		506	823	15			
PolyMet's NorthMet Project		1000	1000				
Franconia Minerals				400	400		
Mesabi Nugget Production Scale Plant in Hoyt Lakes	400	400					
Laurentian Energy Project for Hibbing and Virginia	70						
TOTALS	470	2406	5531	4143	4385	574	

PROJECTS	PROJECTED PERMANENT JOBS					
	2006	2007	2008	2009	2010	2011
Excelsior Energy Project						150
Minnesota Steel Industries project in Nashwauk						700
Machine #7 at the UPM paper mill in Grand Rapids				50		
PolyMet's NorthMet Project				400		
Franconia Minerals					250	
Mesabi Nugget Production Scale Plant in Hoyt Lakes			100			
Laurentian Energy Project for Hibbing and Virginia		100				
Taconite Mining Company Retirements / Replacements	285	285	285	285	285	
TOTALS	285	385	385	735	535	850

PROJECTS - Estimated Construction Costs	
Minnesota Steel Industries project in Nashwauk	\$1,600,000,000
Excelsior Energy Project	\$1,500,000,000
Machine #7 at the UPM paper mill in Grand Rapids	\$650,000,000
PolyMet's NorthMet Project	\$380,000,000
Taconite Plant Capacity Expansion & Alternate Energy Improvements	\$275,000,000
Franconia Minerals	\$240,000,000
Mesabi Nugget Production Scale Plant in Hoyt Lakes	\$200,000,000
Laurentian Energy Project for Hibbing and Virginia	\$80,000,000
Total	\$4,925,000,000

The dates and numerical data presented are subject to change and must be verified before citing.

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