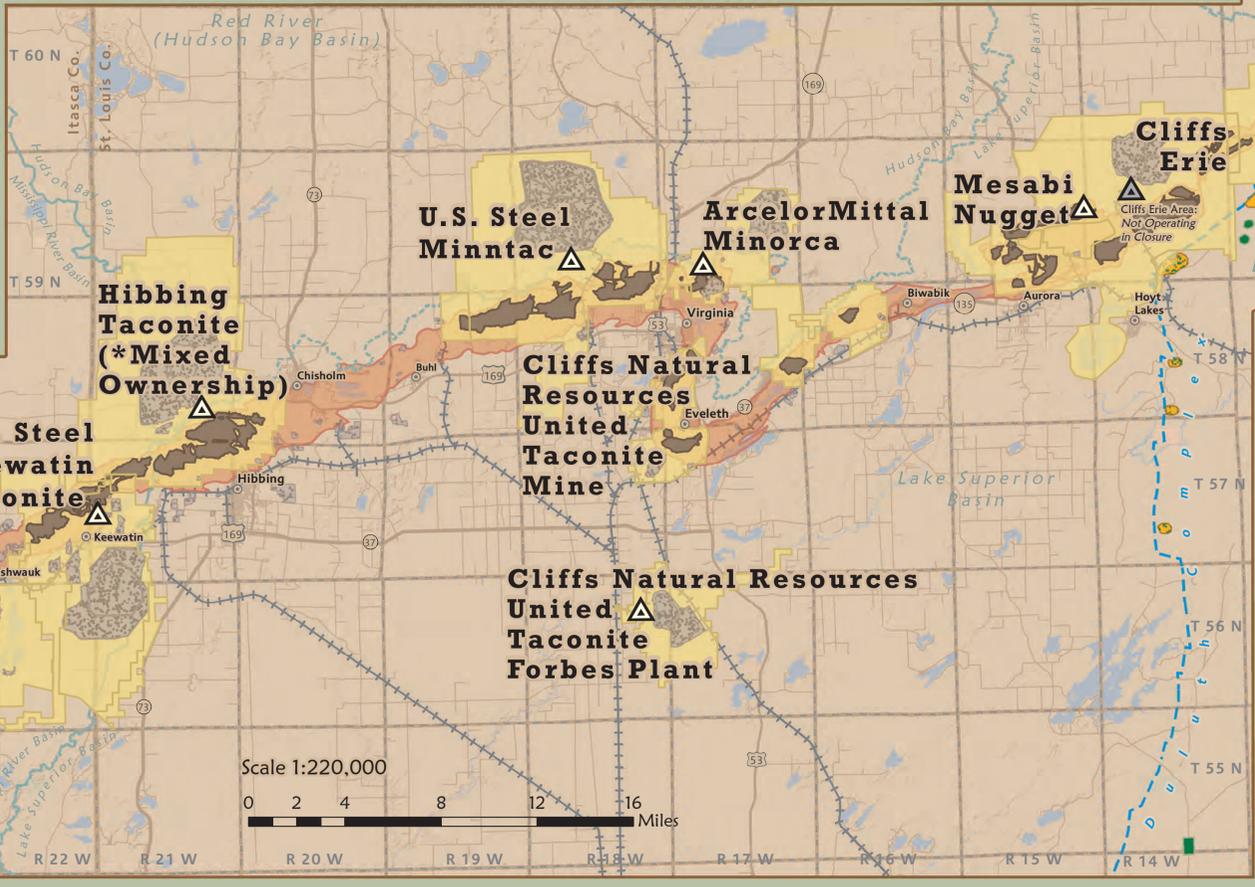
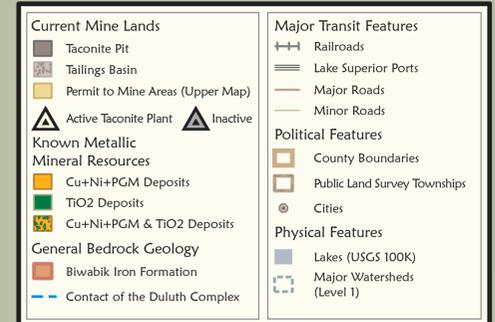


Iron Mining on the Mesabi Iron Range: Mine Lands and Mineral Resources

The Mesabi Iron Range is the largest iron mining district in North America [in terms of tons mined] and supplies most of the iron ore for the blast furnaces used in the US steel industry. This graphic shows where the companies mine, a list of the company plant capacities, the location of major development projects, and the status of the environmental permits. The state has many years of experience with environmental permits for mines.



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Minnesota Taconite Operations Table 1:
Table of Active Operations, Employment, Capacity, and Production (2009-11)

Active Operations	2011 Employment	Capacity (M Tons)	Production (M Tons)		
			2009	2010	2011
ArcelorMittal Minorca	347	2.6	1.81	2.71	2.85
Cliffs Natural Resources and *Mixed Ownership					
*Cliffs, Arcelor, U.S. Steel: Hibbing Taconite	728	8.0	1.75	5.72	7.79
Cliffs Natural Resources: Northshore Mining	653	5.7	3.23	4.71	5.48
Cliffs Natural Resources: United Taconite	524	5.4	4.81	5.2	5.15
United States Steel Corporation					
U.S. Steel Minntac	1377	14.6	7.56	13.05	13.84
U.S. Steel Keewatin Taconite	412	5.4	0.03	4.8	4.93
Total - Active Operations	4038	41.7	18.89	36.19	40.04
Percent of Capacity			45%	92%	96%

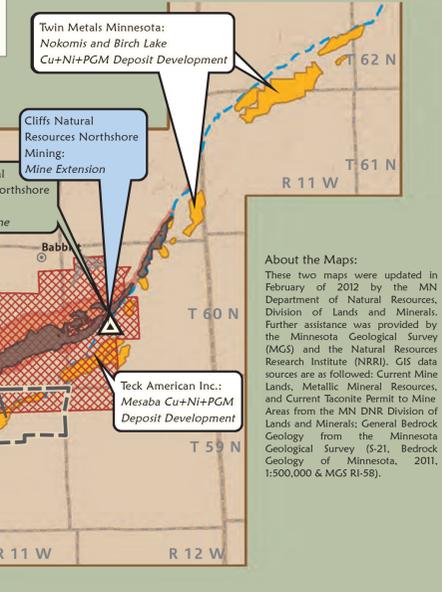
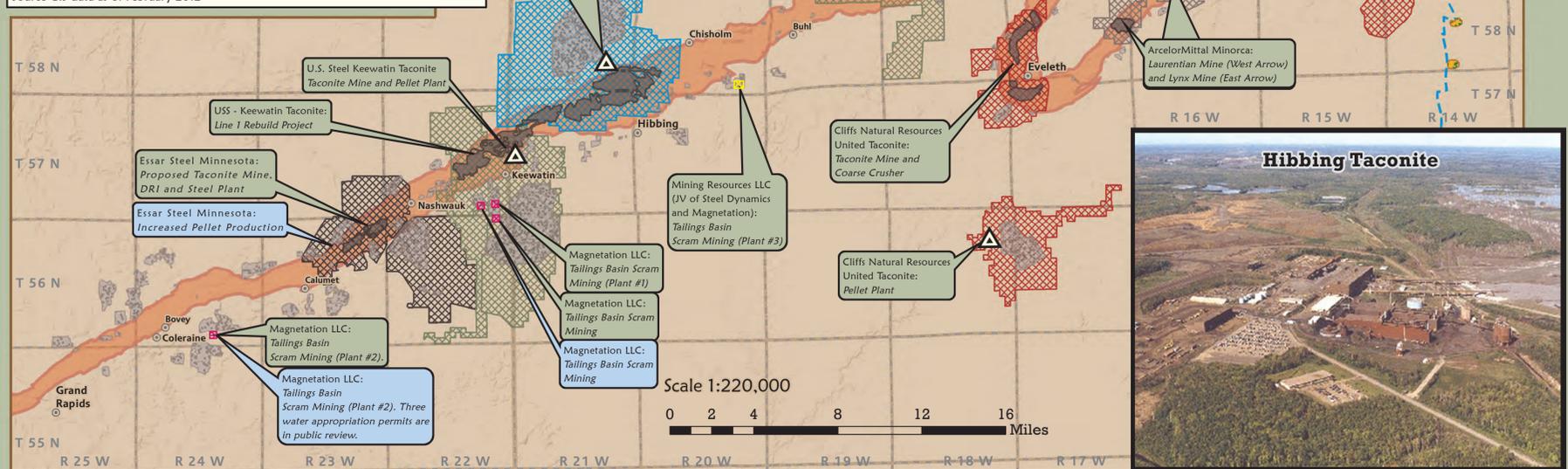
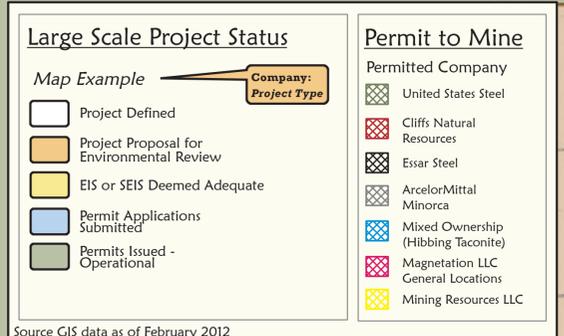
Source: St. Louis County Mine Inspector (2011)

Minnesota Taconite Operations Table 2:
Total Annual Tons Mined

	Long Tons		Total Material
	Crude	Waste	
2009	57,681,000	31,431,000	89,112,000
2010	124,835,000	73,091,000	197,926,000
2011	139,563,000	99,234,000	238,797,000

Source: St. Louis County Mine Inspector. Data was rounded to nearest thousands. (2011)

Status of Large-Scale Development Projects on the Mesabi Iron Range



Mining Facilities, Rail, and Shipping Ports Near Lake Superior

