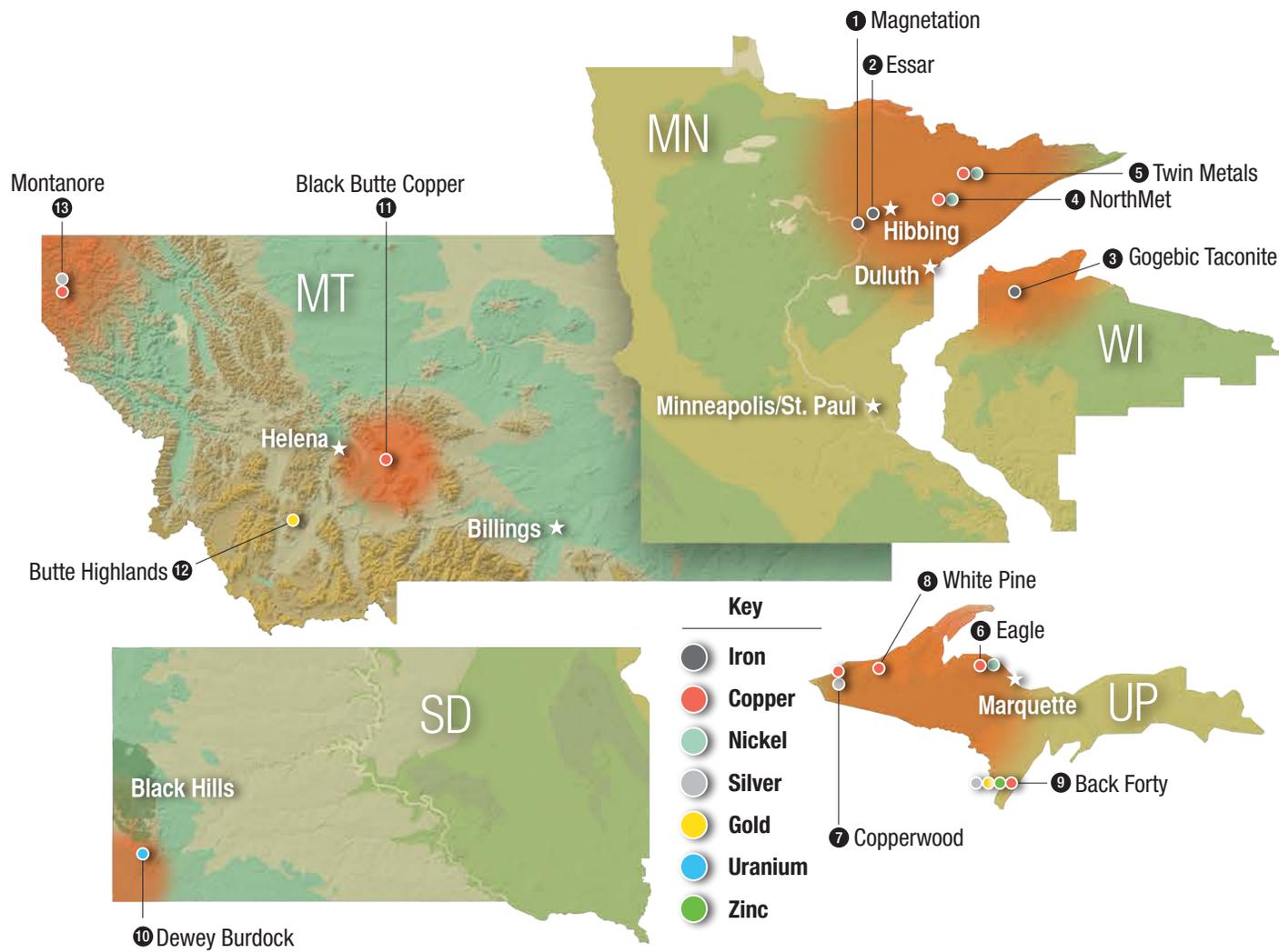


Hard rock café

New metal mining development in the Ninth District



PROJECT	OWNER/DEVELOPER	DESCRIPTION	STATUS	CAPITAL COST
IRON ORE				
1 Magnetation waste ore reclamation plant	Magnetation, LLC Grand Rapids, Minn.	Facility near Coleraine, Minn., will supply iron concentrate to a steel plant in Mexico and a Magnetation pellet plant in Indiana.	Construction design; opening slated for early 2015	\$300 million including pellet plant
2 Essar taconite plant	Essar Group, India	Open-pit mine and iron concentrating and pelletizing plant in Nashauk, Minn., on site of disused taconite plant.	Construction suspended	\$1.7 billion
3 Gogebic Taconite Mine	Cline Resource and Development, W.Va.	Large open-pit iron mine and processing facility in Penokee Hills near Mellen, Wis. Would be the Badger State's first active iron mine in 30 years.	Conducting test drilling	\$1.5 billion
NONFERROUS METALS				
4 NorthMet	PolyMet Mining, Canada	Open-pit copper and nickel mine and processing plant near Hoyt Lakes, Minn.	In environmental review	\$475 million
5 Twin Metals	Twin Metals Minnesota LLC	Large underground copper and nickel mine southeast of Ely, Minn. Backed by Antofagasta PLC, a Chilean mining conglomerate.	Prefeasibility drilling and assaying	Up to \$2 billion
6 Eagle Mine	Lundin Mining, Canada	Underground mine 25 miles west of Marquette, Mich. Ore containing nickel, copper and precious metals would be trucked 65 miles to a former taconite facility for processing.	Under construction, scheduled opening end of 2014	\$725 million
7 Copperwood Mine	Highland Copper Co., Canada	Copper and silver mine near the Porcupine Mountains in Gogebic County. Highland acquired the partially developed site from another firm this year and plans to bring it into production.	"Shovel ready"; has received all major permits	Undisclosed
8 White Pine Mine	Highland Copper Co., Canada	Highland also recently purchased this former copper mine in neighboring Ontonagon County. The last operating copper mine in the U.P. before it closed in 1995.	Exploratory drilling planned	Undisclosed
9 Back Forty Project	Aquila Resources, Canada	Open-pit copper, zinc, gold and silver mine in Menominee County, Mich.	Prefeasibility drilling and analysis	\$225 million
10 Dewey Burdock Mine	Powertech Uranium Corp., Canada	In situ uranium mine near Edgemont, S.D., on southwestern flank of Black Hills. Backed by a Hong Kong-based investment group that recently merged with Powertech.	Moving through permitting process	\$54 million
11 Black Butte Copper Mine	Tintina Resources, Canada	Underground copper mine near White Sulphur Springs, Mont. Estimated production of 62 million pounds over 11-year mine life.	Conducting exploratory drilling	\$230 million
12 Butte Highlands Gold Project	ISR Capital, Idaho	Underground gold mine 15 miles south of Butte, Mont., on a site that was first mined in the 1800s.	Under construction, awaiting operating permit	Undisclosed
13 Montanore Silver-Copper Project	Mines Management, Washington State	Mine south of Libby, Mont., containing an estimated 60 million lbs. of copper and 8 million oz. of silver.	In environmental review; delays due to legal disputes	Undisclosed

Source: Mining firms, regulatory agencies and media reports