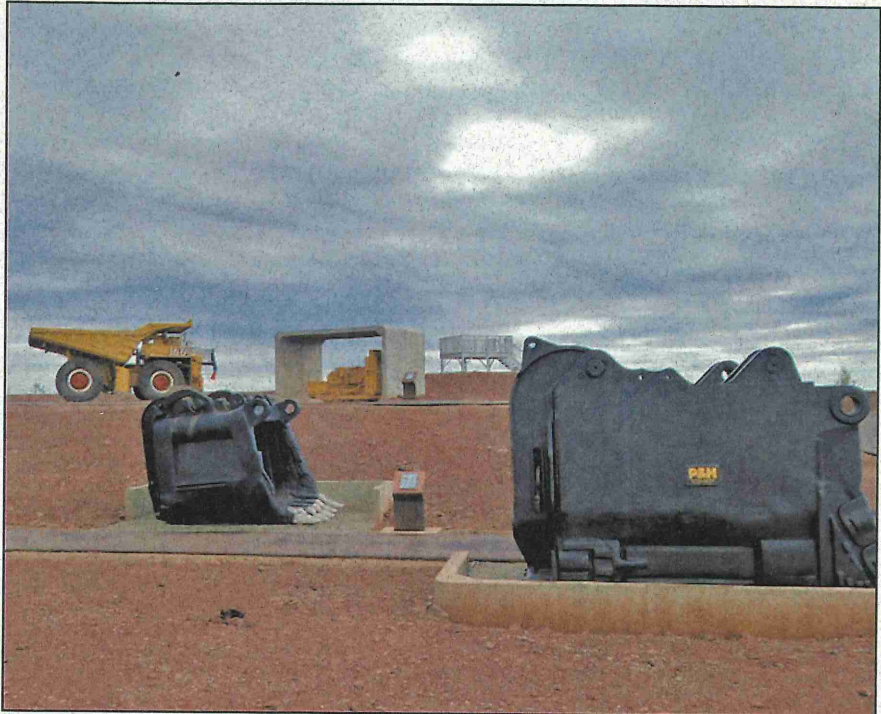


# The Annual Report of the Inspector of Mines



*Hull Rust Mine View – Hibbing, MN*

## 2021

Derek Harbin  
Mine Inspector  
St. Louis County  
201 South 3rd Avenue West  
Virginia, MN 55792  
218-742-9841

Joseph Austin  
Safety & Risk Mgmt. Director  
St. Louis County  
2503 Rice Lake Road  
Duluth, MN 55811  
218-726-2139

The  
**ANNUAL REPORT**  
of the  
**INSPECTOR OF MINES**  
St. Louis County, Minnesota

\*\*\*\*\*

**2021**

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**INSPECTOR OF MINES**

Derek Harbin  
16079 Goss St., P.O. Box 241  
Pengilly, MN 55775  
**OFFICE PHONE: 218-742-9841**  
**CELL PHONE: 218-910-4753**  
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**FAX: 218-471-7270**

**SAFETY & RISK MGT. DIRECTOR**

Joseph J. Austin  
5888 Sunny Lane  
Caribou Lake, MN 55811  
**OFFICE PHONE: 218-726-2139**  
**CELL PHONE: 218-348-0355**  
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**ASSISTANT MINE INSPECTOR**

David Hamalainen  
620 Bourgin Road  
Virginia, MN 55792  
**CELL PHONE: 218-290-8855**  
**OFFICE PHONE: 218-742-9843**

**ASSISTANT MINE INSPECTOR**

Micah Hovet  
37968 Hanson Lake Road  
Grand Rapids, MN 55744  
**CELL PHONE: 218-244-7772**  
**OFFICE PHONE: 218-742-9840**

**OFFICE AT  
GOVERNMENT SERVICES CENTER**

201 South 3rd Avenue West, Virginia, Minnesota 55792  
**PHONE: 218-742-9841**

\*\*\*\*\*

**THE ST. LOUIS COUNTY BOARD OF COMMISSIONERS**

District 1 ..... Frank Jewell, Duluth, Minnesota  
District 2 ..... Patrick Boyle, Duluth, Minnesota  
District 3 ..... Ashley Grimm, Duluth, Minnesota  
District 4 ..... Paul McDonald, Ely, Minnesota  
District 5 ..... Keith Musolf, Duluth, Minnesota  
District 6 ..... Keith Nelson, Virginia, Minnesota  
District 7 ..... Mike Jugovich, Chisholm, Minnesota

**THE ITASCA COUNTY BOARD OF COMMISSIONERS**

District 1 ..... Davin Tinquist  
District 2 ..... Terry Snyder  
District 3 ..... Leo Trunt  
District 4 ..... Burl Ives  
District 5 ..... Ben DeNucci  
  
Jeff Walker ..... Itasca County Auditor  
Vic Williams ..... Itasca County Sheriff, Itasca County Mine Inspector

February 25, 2022

**THE HONORABLE BOARDS OF COMMISSIONERS**

**ST. LOUIS COUNTY  
COURT HOUSE  
DULUTH, MN 55802-1202**

**ITASCA COUNTY  
COURT HOUSE  
GRAND RAPIDS, MN 55744**

Dear Chairs McDonald, Snyder and Commissioners:

The Annual Report of the Inspector of Mines for 2021 is herewith submitted.

Mining activity for 2021 showed an increase in production schedule for St. Louis and Itasca counties. A total of 39,951,315 tons of taconite were shipped from area operations compared to 31,921,917 in 2020. Mining related employment was reported at 4,323 individuals. This represents an increase of 761 employees compared to the 3,562 reported in 2020. The total work hours reported for area mining operations was 8,165,371 for the year.

Throughout 2021 the COVID-19 pandemic continued to impact the world and area operations. However, unlike in 2020, all area mining operations remained in operation all 12 months of the year which contributed to an increase in production comparatively. These operations include: Cleveland Cliffs Minorca, Hibbing Taconite, Keetac, Minntac, Northshore and United Taconite.

The objective of growth during the coming years remains on the forefront. PolyMet carried on efforts to obtain the final mine permits associated with the NorthMet project (copper/nickel/precious metal mining), and Twin Metals continued to move forward with efforts directed toward their semi-precious metal mining project near Ely.

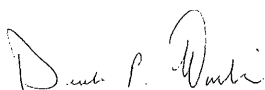
During 2021, area mining operations reported a total of 12 lost-time or serious accidents. This is an increase in comparison to the 11 experienced in 2020. No fatalities were reported for the 2021 year.

(Continued on page 3)


St. Louis County Mine Inspectors successfully completed all required inspections of area operations as mandated by Minnesota State Law Chapter 180, Section 180.03 during 2021.

Acknowledgement and appreciation is extended to both Labor and Management for their continued interest, efforts and cooperation in the field of Safety and Health throughout the mines and plants in St. Louis and Itasca counties.

Respectfully submitted,

Handwritten signature of Derek P. Harbin in cursive script.

Derek P. Harbin  
Inspector of Mines  
St. Louis County

Handwritten signature of Joseph J. Austin in cursive script.

Joseph J. Austin MS, MIS, CHMM  
Director, Safety and Risk Management  
St. Louis County

Excerpts from the Law On

**INSPECTOR OF MINES**

**CHAPTER 180**

**MINNESOTA STATUTES**

**SECTION 180.08**

**ACCIDENTS; NOTICE, INVESTIGATION**

Upon the occurrence of a reportable accident, it is the duty of the manager or designee of the mine to give notice to the inspector of mines, as soon as practical but at least within one hour of stabilization of the accident scene, stating the particulars of the accident. Upon notification, the inspector shall, if the inspector deems it necessary, go immediately to the scene of the accident and make suggestions and render assistance as the inspector may deem necessary in the premises and personally investigate the cause of the accident and take steps as the inspector may deem necessary for the safety of the employees of the mine and to prevent accident of a like or similar nature. The inspector shall be accompanied by three persons appointed by the manager or other person in charge of the mine and by three persons appointed by a majority of the employees of the mine. The requirement for accompaniment may be modified by a waiver signed by representatives from the employees, management, and inspector.

## SUMMARY OF STATISTICS

### 2021

Number of Mining Companies .....	6
Number of Mines in Operation .....	6
Number of Plants in Operation .....	6
Number of Wash Plants .....	0
Number of Mines Inactive .....	285
Number of Inactive Mines and Shafts Inspected .....	183
Total Number of Mines and Plants .....	291
Total Taconite Products Shipped .....	39,951,315
Total Concentrate Shipped .....	21
Total Pellet Chips Shipped .....	87,471
Taconite Mined .....	137,532,223
Stripping and Waste Removal, Tons .....	158,389,502
Total Material Moved, Tons Estimate .....	295,921,725
Total People Employed .....	4,323
Number of Fatal Accidents, Open Pit .....	0
Number of Fatal Accidents, Plant .....	0
Total Number of Fatal Accidents .....	0
Fatalities per 1,000 People Employed .....	0
Number of Lost-Time and Time Charged Accidents .....	12
Total Number of Employee-Hours Worked .....	8,165,371
Number of Inspections .....	365
Number of Investigations .....	5

### 2021 WAGE RATES INCENTIVE INCLUDED

Labor Grade	Wage Rate
1 .....	\$27.63
2 .....	\$30.25
3 .....	\$33.27
4 .....	\$35.01
5 .....	\$37.19

Due to contractual changes the wage structure from mine to mine has changed significantly in recent years resulting in differing methods of payment. This results in different pay scales and different average daily wages from mine to mine. This is an example of what the rates are for the mines in St. Louis and Itasca counties.

YEAR	MINES	TONS SHIPPED	EMPLOYED	INJURED	FATALS	FAT/1000	WAGES
1905-10	(Average per year)		13,320		73	5.44	2.110
1910-11			19,918		78	3.91	2.640
1911-12			15,286		51	3.31	2.575
1912-13			16,048		44	2.74	2.705
1913-14			16,000		43	2.59	2.310
1914-15			11,430		24	2.10	2.421
1915-16			14,639		34	2.32	2.923
1916-17			14,779		22	1.51	3.391
1917-18	(Silver Cave Disaster)		15,307		60	3.92	4.347
1918-19			14,212		33	2.32	5.645
1919-20	114	25,349,924	14,121		36	2.55	6.010
1920-21	102	27,165,386	12,043		26	2.16	6.037
1921-22	84	13,398,525	9,688		24	3.48	4.062
1923	90	33,147,517	11,896		27	2.27	5.076
1924	75	22,808,875	11,538		21	1.82	5.144
1925	76	29,077,679	10,180		18	1.77	5.126
1926	66	32,583,943	9,225		15	1.63	5.283
1927	70	28,052,363	9,038		22	2.43	5.305
1928	59	29,704,774	8,022		9	1.12	5.230
1929	57	35,680,720	8,008		17	2.12	5.340
1930	50	25,196,155	7,752		13	1.68	5.280
1931	32	12,270,886	4,824		4	0.83	5.260
1932	30	1,773,750	2,243		2	0.89	4.308
1933	35	10,809,167	2,843		1	0.35	4.433
1934	42	11,781,226	4,272		2	0.47	4.830
1935	40	13,703,715	4,079		6	1.47	5.060
1936	42	23,322,975	4,694		6	1.28	4.800
1937	52	36,536,326	6,356		5	0.79	6.200
1938	38	10,976,760	3,773		4	1.06	5.816
1939	43	24,156,258	4,589		3	0.65	6.080
1940	47	36,493,781	5,547		1	0.18	6.400
1941	63	45,874,218	7,097	60	5	0.70	6.820
1942	60	53,923,635	8,101	107	14	1.70	7.030
1943	62	51,753,320	9,597	156	7	0.73	7.440
1944	66	50,532,679	9,390	247	6	0.64	7.750
1945	56	47,544,509	8,495	175	12	1.41	7.720
1946	60	38,380,361	7,100	167	6	0.84	7.720
1947	79	47,293,918	8,715	153	9	1.03	8.720
1948	80	52,020,563	10,286	178	5	0.49	9.480
1949	94	42,406,528	9,680	187	7	0.72	9.480
1950	109	48,671,966	10,257	159	4	0.38	10.480
1951	116	60,249,538	11,884	188	8	0.66	10.480
1952	122	48,192,132	10,838	160	2	0.18	11.480
1953	122	60,776,174	12,079	215	4	0.33	12.160
1954	121	49,845,118	9,925	157	4	0.40	12.560
1955	127	36,137,304	10,381	151	2	0.19	14.850
1956	127	44,493,944	11,017	134	6	0.54	17.560

YEAR	MINES	TONS SHIPPED	EMPLOYED	INJURED	FATALS	FAT/1000	WAGES
1957	124	50,093,275	12,804	144	6	0.47	17.560
1958	90	30,495,093	10,250	83	0	0.00	18.400
1959	89	16,055,353	9,256	93	4	0.43	22.480
1960	95	39,526,879	11,797	132	2	0.16	22.430
1961	85	33,169,291	9,200	51	4	0.43	22.430
1962	46	23,269,349	8,676	57	1	0.11	22.430
1963	61	35,255,178	7,671	30	2	0.26	22.430
1964	42	39,115,088	8,102	26	1	0.12	22.430
1965	54	40,891,345	8,305	53	0	0.00	22.430
1966	49	44,412,473	9,445	56	4	0.43	22.430
1967	51	41,216,870	8,825	52	4	0.44	23.760
1968	53	43,078,879	9,125	55	2	0.22	25.640
1969	51	34,628,234	9,394	58	0	0.00	27.430
1970	49	33,648,268	9,631	71	5	0.52	28.520
1971	50	32,687,511	9,441	58	0	0.00	32.480
1972	46	35,100,156	9,431	63	0	0.00	34.096
1973	47	46,076,814	10,131	58	4	0.40	35.352
1974	49	51,745,763	10,667	60	1	0.09	44.360
1975	51	45,394,814	10,864	71	0	0.00	45.842
1976	52	41,425,833	11,514	77	1	0.09	47.368
1977	24	26,556,566	10,840	82	2	0.19	56.682
1978	26	50,806,547	13,056	138	1	0.08	64.344
1979	26	54,530,338	13,267	164	0	0.00	70.832
1980	18	42,076,497	11,441	107	1	0.09	80.112
1981	12	47,300,056	11,630	96	0	0.00	89.472
1982	11	22,335,570	7,626	44	0	0.00	94.192
1983	9	26,843,983	5,935	50	2	0.34	84.19
1984	9	30,463,941	6,305	55	0	0.00	87.39
1985	9	31,948,722	5,539	29	0	0.00	90.60
1986	9	26,608,769	5,250	33	0	0.00	94.19
1987	9	30,063,909	4,857	26	1	0.21	94.19
1988	9	37,250,243	4,546	41	1	0.18	94.19
1989	9	38,421,803	5,664	55	2	0.35	94.19
1990	9	41,441,888	6,379	40	1	0.16	94.19
1991	10	38,420,014	6,468	49	0	0.00	94.19
1992	10	37,684,439	6,325	110	0	0.00	106.94
1993	9	39,338,920	5,953	133	0	0.00	106.94
1994	9	43,976,323	6,051	97	1	0.17	93.936
1995	9	47,030,820	6,005	87	0	0.00	97.936
1996	8	46,144,621	6,032	96	0	0.00	101.936
1997	8	46,978,014	6,129	84	0	0.00	103.616
1998	8	46,862,734	5,962	114	1	0.17	105.936
1999	9	43,136,042	5,633	99	0	0.00	105.936
2000	9	44,806,128	5,611	77	1	0.18	109.936
2001	8	34,144,559	4,212	60	0	0.00	113.936
2002	8	39,087,907	4,036	60	0	0.00	113.936



YEAR	MINES	TONS SHIPPED	EMPLOYED	INJURED	FATALS	FAT/1000	WAGES
2003	8	35,282,267	4,177	35	0	0.00	121.936
2004	8	42,059,597	3,444	24	0	0.00	145.384
2005	8	40,464,089	3,568	29	0	0.00	178.40
2006	7	39,617,873	3,714	14	1	0.27	178.40
2007	7	38,041,616	3,724	13	2	0.54	187.848
2008	7	40,599,311	3,732	26	0	0.00	182.40
2009	7	18,025,710	2,687	39	0	0.00	201.44
2010	7	37,996,765	3,761	27	0	0.00	238.44
2011	7	40,395,202	4,215	24	0	0.00	188.40
2012	9	41,099,022	4,441	17	0	0.00	221.85
2013	9	40,221,204	4,371	29	0	0.00	226.24
2014	9	41,301,098	4,387	29	0	0.00	226.24
2015	10	34,683,076	4,047	19	0	0.00	231.92
2016	7	28,970,579	3,621	22	0	0.00	231.92
2017	7	39,485,849	3,944	18	0	0.00	231.92
2018	6	40,986,054	3,954	14	0	0.00	241.20
2019	6	38,665,148	4,105	7	1	0.24	249.68
2020	6	31,921,917	3,562	11	0	0.00	258.40
2021	6	39,951,315	4,323	12	0	0.00	266.16

**REPORT OF THE COUNTY INSPECTOR OF MINES — PER MS 180.11  
OPERATIONAL SUMMARY  
YEAR ENDING DECEMBER 31, 2021**

	USS CORPORATION M.O.O. KEEWATIN TACONITE	USS CORPORATION M.O.O. MINNTAC	UNITED TACONITE LLC	HIBBING TACONITE CO	NORTHSHORE MINING CO BABBITT AND SILVER BAY	CLEVELAND CLIFFS MINORCA MINE, INC	TOTALS
TONS OF TACONITE PRODUCTS SHIPPED	5,362,607	14,190,078	5,195,995	7,157,603	5,244,085	2,800,947	<b>39,951,315</b>
TOTAL TACONITE MINED ST. LOUIS COUNTY ITASCA COUNTY	17,777,061 314,765	50,169,044	15,143,354	28,900,483	16,426,225	8,801,291	137,217,458 <u>314,765</u> <b>137,532,223</b>
TONS STRIPPING WASTE (ROCK & OVERBURDEN) ST. LOUIS COUNTY ITASCA COUNTY	25,823,929 2,172,000	60,328,810	22,352,778	30,835,550	9,309,508	7,566,927	156,217,502 <u>2,172,000</u> <b>158,389,502</b>

**REPORT OF THE COUNTY INSPECTOR OF MINES — PER MS 180.11  
OPERATIONAL SUMMARY  
YEAR ENDING DECEMBER 31, 2021**

	USS CORPORATION M.O.O. KEEWATIN TACONITE	USS CORPORATION M.O.O. MINNTAC	UNITED TACONITE LLC	HIBBING TACONITE CO	NORTHSHORE MINING CO BABBITT AND SILVER BAY	CLEVELAND CLIFFS MINORCA MINE, INC	TOTALS
PELLET CHIPS						87,471	<b>87,471</b>
TONS OF CONCENTRATE SHIPPED			21				<b>21</b>
AVERAGE NUMBER OF EMPLOYEES PLANTS / PITS	403	1,727	529	746	559	359	<b>4,323</b>
EMPLOYEE HOURS	859,738	2,853,973	1,115,826	1,443,318	1,133,199	759,317	<b>8,165,371</b>
MONTHS WORKED	12	12	12	12	12	12	

**MINING COMPANIES, MINE OPERATIONS,  
SAFETY PERSONNEL AND OTHER AGENCIES**

**UNITED STATES STEEL CORPORATION**

Minnesota Ore Operations  
KEETAC  
PO Box 217  
Keewatin, MN 55753  
Phone: 218-778-8700

Lukas Klemke ..... Plant Manager - Mine  
Travis Kolari ..... Plant Manager - Plant  
Tim Kalisch ..... Senior Area Manager Operations & Maintenance  
Susan Wiire ..... Manager Employee & Labor Relations  
Mark Salo ..... Senior Manager Safety & Security  
Kent Swanson ..... Manager Safety & Industrial Hygiene

\* \* \* \* \*

**UNITED STATES STEEL CORPORATION**

Minnesota Ore Operations  
MINNTAC  
PO Box 417  
Mt. Iron, MN 55768  
Phone: 218-749-7200

Lukas Klemke ..... Plant Manager - Mine  
Travis Kolari ..... Plant Manager - Plant  
Chad Buus ..... Senior Area Manager Operations & Maintenance  
Cory Hertling ..... Senior Area Manager Maintenance  
Susan Wiire ..... Manager Employee & Labor Relations  
Mark Salo ..... Senior Manager Safety & Security  
Kent Swanson ..... Manager Safety & Industrial Hygiene  
Mike Levar ..... Safety & Industrial Hygiene Specialist  
Jeffrey Tomsich ..... Safety & Industrial Hygiene Specialist  
Christie Dixon ..... Safety & Industrial Hygiene Specialist

**CLEVELAND CLIFFS MINORCA MINE, INC.**

5950 Old U.S. Highway 53 North  
PO Box 1  
Virginia, MN 55792

(218) 749-5910

**Managers**

Robb A. Peterson ..... Operations Manager  
Eric A. Krause ..... Section Manager – Mine Operations  
Adam R. Sersha ..... Section Manager – Plant Operations  
Dan G. Vidmar ..... Manager – HR / LR  
Matthew W. Zimmer ..... Section Manager – Asset Management  
Dean V. Wegleitner ..... Principal Safety & Security  
Nolan Koskela ..... Area Manager – Financial Control  
Kylee J. Paakkonen ..... Section Manager Accounting  
Todd M. Sarazine ..... Section Manager – Process Control  
Darren Zabrocki ..... Manager – Purchasing  
Jaime L. Johnson ..... Manager – Environmental

\*\*\*\*\*

**HIBBING TACONITE COMPANY**

PO Box 589

Hibbing, Minnesota 55746

Phone: 218-262-5950

Chad Asgaard ..... General Manager  
Joe Marturano ..... Manager - Asset Management  
Adam Radel ..... Manager - Financial Control  
Dan Aagenes ..... Manager - Mining  
Adam Osborne ..... Manager - Plants  
William Dittrich ..... Manager - Human Resources  
Andrea J. Bakk ..... Manager - Safety & Loss Control  
Tasha Niemi ..... Manager - Environmental  
Tim Angelo ..... Manager - Procurement

\* \* \* \* \*

**UNITED TACONITE, LLC**

PO Box 180

Eveleth, MN 55734

Phone: 218-744-7800

Nick Beukema ..... General Manager  
Conor McCue ..... Area Manager - Plant  
Jared Lubben ..... Area Manager - Mine  
Derek Clark ..... Area Manager - Maintenance  
Adam Radel ..... Area Manager - Finance  
Joseph Mattson ..... Area Manager - Human Resources  
Ryan Bogart ..... Area Manager - Safety  
Candice Maxwell ..... Area Manager - Environmental  
Jon Lamusga ..... Section Manager - Materials

**NORTHSHORE MINING COMPANY**

10 Outer Drive  
Silver Bay, Minnesota 55614  
Phone: 218-226-4125  
Fax: 218-226-6037

**NORTHSHORE MINING BABBITT MINE**

**BABBITT, MINNESOTA 55706**

Phone: 218-827-2101

Paul Carlson .....	General Manager
Ron Holm .....	Plant Manager
Cory Wills .....	Mine Manager
Bryan Rusco .....	Railroad Manager
Scott Blood .....	Safety Manager
Andrea Hayden .....	Environmental Manager
Phil Melander .....	Maintenance Manager
Jay Bretto .....	Human Resource Manager
Chris Tokvam .....	Purchasing Manager
Nolan Koskela .....	Finance Manager
Mark Anderson .....	Safety Section Manager
Jake Baxter .....	Plant Safety Representative
Abby Cyr .....	Plant Safety Associate
Ryan Pokorny .....	Mine Safety Representative

**POLYMET MINING**

PO Box 475  
6500 County Road 666  
Hoyt Lakes, MN 55750  
Phone: 218-471-2150

Jon Cherry ..... President and Chief Executive Officer  
LaTisha Gietzen ..... Director of Public and Community Relations  
James Tieberg ..... Division Manager - Mining  
Kevin Pylka ..... Manager of Environmental Permitting & Compliance  
Christie Kearney ..... Environmental Site Director

\* \* \* \* \*

**TWIN METALS MINNESOTA, LLC**

400 Miners Drive  
Ely, MN 55731

Kelly Osborne ..... CEO  
Julie Padilla ..... Chief Regulatory Officer  
Derek Heinecke ..... V.P. Finance  
Glenn Barr ..... V.P. Engineering  
Dean DeBeltz ..... Director Operations and Safety  
Chris Anderson ..... Director Legal Affairs



**PIONEER FOUNDERS, LLC**  
306 W. Superior Street, Suite 1605  
Duluth, Minnesota 55802-1816  
Phone: 218-590-2987

Nicholas B. Alworth ..... Managing Director

\* \* \* \* \*

**CONGDON MINERAL MANAGEMENT, INC.**

1035 7th Ave. E.  
Hibbing, Minnesota 55746-3675  
Phone: 218-262-0799  
Fax: 206-203-0098

David C. Adams ..... President  
David G. Meineke ..... Vice President

\* \* \* \* \*

**EVELETH FEE OFFICE, INC.**

301 McKinley Avenue  
PO Box 521  
Eveleth, Minnesota 55734-0521  
Phone: 218-744-4646  
Fax: 218-744-2149

Daniel L. England ..... President  
Robb Bigelow ..... Vice President / Director of Mining Lands  
Heidi McDermid ..... Administrative Assistant

\* \* \* \* \*

**GLACIER PARK IRON ORE PROPERTIES, LLC**

**CORPORATE OFFICE**

755 E. Mulberry Avenue, Suite 600  
San Antonio, TX 78212  
Phone: 210-821-6523

Mr. David Schlagel ..... President  
Matt Gonzales ..... Controller

**HIBBING OFFICE**

801 E. Howard Street  
PO Box 429  
Hibbing, MN 55746  
Phone: 218-262-3886

Jeff Tromp ..... Chief Mining Engineer  
Austin Dusek ..... Geologist / GIS Specialist  
Robert Crowe ..... Mining Engineer / Inspector  
John Reed ..... Geological Engineer  
Matt Walto ..... Manager of Mines

\* \* \* \* \*

**MERISTEM TRUST CO.**

212 South Main Avenue, Suite 131  
Sioux Falls, SD 57104  
Phone: 952-838-3564

Anne Novak ..... Vice President

\* \* \* \* \*

**GLOBAL MINERALS ENGINEERING, LLC**

**1035 7th Ave. E.**

**Hibbing, Minnesota 55746-3675**

**Phone: 218-262-0799**

**Fax: 206-203-0098**

David G. Meineke ..... President & CEO  
Dorothy M. Meineke ..... CFO

**\* \* \* \* \***

**MINNESOTA DEPARTMENT OF NATURAL RESOURCES**

**500 Lafayette Road**

**St. Paul, Minnesota 55155**

**(651) 259-5959**

Sarah Strommen ..... Commissioner  
Barb Naramore ..... Deputy Commissioner  
Jess Richards ..... Assistant Commissioner  
Joseph Henderson ... Director, Division of Lands and Minerals (LAM)  
Mike Liljegren ..... Assistant Director of Mine Permitting

**Division of Lands and Minerals**

**1525 Third Avenue E.**

**Hibbing, Minnesota 55746**

**(218) 231-8443**

Peter Clevensline ..... Asst. Director, Division of Lands and Minerals  
Ted Anderson ..... Manager, Engineering and Operations  
Kathryn Larson ..... Reclamation Supervisor  
Matt Carter ..... Geology Supervisor

**\* \* \* \* \***

**STATE OF MINNESOTA**

**DEPARTMENT OF**

**IRON RANGE RESOURCES & REHABILITATION**

**MINELAND RECLAMATION**

**1003 Discovery Drive**

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Linda Johnson ..... Mining and Reclamation Programs Supervisor  
Shelley Sallee ..... Office & Administration Specialist, Sr.  
James B. Plummer ..... Planning Director  
Tom Schmelzler ..... Building and Grounds Supervisor

**\* \* \* \* \***

**DEPARTMENT OF  
IRON RANGE RESOURCES & REHABILITATION  
4261 HIGHWAY 53 SOUTH  
P.O. BOX 441  
EVELETH, MN 55734  
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Mark Phillips ..... Commissioner  
Jason Metsa ..... Deputy Commissioner  
Matt Sjoberg ..... Executive Director of Development  
Marianne Bouska ..... Chief Operating Officer  
Linda Johnson ..... Mining Reclamation and Property Development

**\* \* \* \* \***

**RGGS Lands & Minerals LTD., L.P.  
P.O. Box 1266  
Virginia, MN 57792  
Phone: (218) 749-1291  
Fax: (218) 749-1294**

**\* \* \* \* \***

**ST. LOUIS COUNTY  
SAFETY AND RISK MANAGEMENT  
2503 RICE LAKE ROAD  
DULUTH MN 55811-4819  
PHONE: 218-726-2139**

Joseph J. Austin ..... Director  
Karen Matvey ..... Information Specialist

**Government Services Center  
201 South 3rd Avenue West  
Virginia MN 55792  
Phone: 218-742-9841**

Derek Harbin ..... Inspector of Mines  
David Hamalainen ..... Assistant Mine Inspector  
Micah Hovet ..... Assistant Mine Inspector

**ST. LOUIS COUNTY LAND AND MINERALS  
GOVERNMENT SERVICE BUILDING  
320 West 2<sup>nd</sup> Street  
Duluth MN 55802**

Julie Marinucci ..... Director

\* \* \* \* \*

**UNITED STATES DEPARTMENT OF LABOR  
MINE SAFETY AND HEALTH ADMINISTRATION  
515 W. First Street, Room 323  
Duluth, MN 55802-1302  
Phone: 218-720-5448  
Fax: 218-720-5650**

**DISTRICT OFFICE**

Christopher A. Hensler ..... District Manager  
Gerald D. Holeman ..... Assistant District Manager  
Daniel J. Goyen ..... Assistant District Manager  
Wilbert W. Koskiniemi Jr. .... Supervisory Special Investigator  
Scott E. Salo ..... Conference/Litigation Representative  
Stephen D. Cotie ..... Health Specialist

**DULUTH FIELD OFFICE**

William H. Soderlind ..... Supervisory Mine Safety & Health Inspector  
Richard D. Galarno ..... Mine Safety & Health Inspector  
Mindy A. Meierbachtol ..... Mine Safety & Health Inspector  
Robert A. Nelson ..... Mine Safety & Health Inspector  
Cory C. Niemi ..... Mine Safety & Health Inspector  
Jeffrey J. Rausch ..... Mine Safety & Health Inspector  
Rufus L. Taylor ..... Mine Safety & Health Inspector

**HIBBING FIELD OFFICE**

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Kevin N. Ouke ..... Supervisory Mine Safety & Health Inspector  
Jerome A. Cuffe ..... Mine Safety & Health Inspector  
Luke E. Jarvi ..... Mine Safety & Health Inspector  
Nancy K. Krull ..... Mine Safety & Health Inspector  
Ryan D. Moberg ..... Mine Safety & Health Inspector  
Savannah J. Stougard ..... Mine Safety & Health Inspector

**\* \* \* \* \***

**MINNESOTA DEPARTMENT OF REVENUE**

**600 North Robert Street**

**St. Paul, Minnesota 55101**

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Robert Doty ..... Commissioner  
Jack Mansun ..... Director, Special Taxes Division  
Steve Helmen ..... Minerals Tax Supervisor  
Nick Norris ..... Revenue Tax Specialist

**Minerals Tax Office**

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**Virginia, Minnesota 55792**

**Phone: (218) 744-7424 Fax: (218) 742-9153**

Bob Wagstrom ..... Production Tax  
Robert Pecchia ..... Production Tax

**\* \* \* \* \***

**INTERNATIONAL UNION OF OPERATING ENGINEERS**

Local No. 49

8381 Enterprise Drive N

Virginia, MN 55792

Phone: 218-741-8190 - Virginia

2829 Anthony Lane South

Minneapolis, Minnesota 55418-3285

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Jason George ..... Business Manager, Financial Director, Minneapolis  
Ryan Davies ..... Area Business Representative, Virginia  
Dan Snidarich ..... Area Business Representative, Virginia  
Dan Manick ..... Area Business Representative, Virginia

**UNITED STEEL WORKERS OF AMERICA**

**DISTRICT 11**

**MINNEAPOLIS OFFICE**

Phone: 612-623-8045

Emil Ramirez ..... Director

**EVELETH SUB-DISTRICT OFFICE**

Phone: 218-744-2757

Fax: 218-744-7926

Cathy Drummond ..... Assistant to the Director  
John Arbogast ..... Staff Representative  
Michele Frederickson ..... Staff Representative  
Mike Woods ..... Staff Representative

**UNITED STEEL WORKERS OF AMERICA  
LOCAL UNITS**

**LOCAL #6860  
UNITED TACONITE, LLC  
Phone: 218-744-4480**

Jamie Winger ..... President  
Ryan Denzel ..... Vice President  
David Cherro ..... Recording Secretary  
Dan Hill ..... Financial Secretary  
Justin Krebs ..... Treasurer  
Larry Roberts ..... Safety Coordinator  
Loretta Sanders ..... Plant Safety Chairman  
David Cherro ..... Mine Safety Chairman  
Bryan Sandnas ..... Training Coordinator

**LOCAL #2660  
KEEWATIN TACONITE  
Phone: 218-778-6909**

Jake Friend ..... President  
Joe Ferris ..... Safety Chair / Safety Representative  
Carl Jeranek ..... Safety Representative  
Pat Savage ..... Area Chair, Concentrator  
Jeremy Fredette ..... Area Chair, Shop  
Steve Krasaway ..... Area Chair, Pit  
Lorne Middlestead ..... Area Chair, Pond  
Tawnya Gustafson ..... Area Chair, Crusher  
Nate Bandelin ..... Area Chair, Pellet Plant  
Eric Staydohar ..... Area Chair, Electrical

**LOCAL #2705  
HIBBING TACONITE COMPANY**

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Steve Rancourt ..... Vice President  
Mike Mandich ..... Financial Secretary  
Bill Fredette ..... Recording Secretary  
Wade Bexell ..... Treasurer  
Andy Fisher ..... Union Safety Representative  
Bill Fredette ..... Safety Chairman



**LOCAL #6115**  
**CLEVELAND CLIFFS MINORCA MINE, INC.**  
Phone: 218-741-3310

Dave Zasadni ..... President  
Tom French ..... Safety Coordinator  
Reed Milos ..... Sub Chair, Safety  
Kyle Lamma ..... Training Coordinator

**LOCAL #1938**  
**USS - MINNTAC MINE**  
Phone: 218-741-0887

Steve Bonach ..... President  
Mitch McDonald ..... Vice President  
Dave Chessner ..... Recording Secretary  
Paul Centa ..... Financial Secretary  
Rick Niemi ..... Treasurer  
Mitch McDonald ..... Safety Committee Chairman  
Mark Hagsten ..... Safety Committee Co-Chairman  
Matt Robillard ..... Safety Coordinator - Minntac/Keetac  
Rick Niemi ..... Full-Time Safety Representative, Mine/Shops  
Mike Hultman ..... Full-Time Safety Representative, Concentrator/  
Crushers  
Paul Coombe ..... Full-Time Safety Representative,  
Agglomerators I, II, III

\* \* \* \* \*

**BUILDING AND CONSTRUCTION LABORERS**  
**LOCAL 1097**

712 4th St. North  
Virginia, MN 55792  
Phone: 218-741-3638

Rick J. Cannata ..... President  
Todd Payne ..... Vice President  
Shawn Braford ..... Business Manager/Financial Secretary  
Aaron C. Jarva ..... "E" Board Member  
Patrick D. O'Connell ..... "E" Board Member  
Ryan Towner ..... "E" Board Member  
Michael G. Warner ..... Recording Secretary  
Shelly A. Wiitanen ..... Office Manager  
Leslie Oberg ..... Sergeant at Arms

## **NON-FATAL LOST-TIME AND SERIOUS ACCIDENTS**

### **CLEVELAND CLIFFS MINORCA MINE INC:**

Service Technician, Date of Accident – January 15, 2021. Employee was pulling a steel cable to hook up a haul truck that was stuck. The conditions were packed snow, and the employee was wearing ice cleats, but as the task was being performed the employee slipped and landed on the left shoulder causing a tear of the rotator cuff. The injury resulted in surgery. Days Lost – 33

Maintenance Mechanic, Date of Accident – January 27, 2021. Employee was performing maintenance on a rod mill trommel and as the employee was repositioning the left shoulder came in contact with a pad eye. This caused soreness and bruising. Days Lost – 2

Utility Technician, Date of Accident – February 1, 2021. Employee was lifting a 50-lb. box about three feet off the ground to place onto a shelf. During the lift the box came in contact with the shelf it was destined for and abruptly stopped the employee's lifting motion. This caused a tear of the employee's left rotator cuff. The injury resulted in surgery. Days Lost – 42

Operations Technician, Date of Accident – February 1, 2021. Employee was exiting a pickup truck and slipped, falling to the ground injuring the left wrist. A fracture of the bone resulted. Days Lost – 34

Utility Technician, Date of Accident – September 30, 2021. Employee was taking apart a two-piece rim that was 10" in diameter; the last remaining bolt on the rim was stripped so the employee used a grinder to cut the bolt off. As this occurred and the bolt was cut free, the pressure from the tire tube caused the rim to strike the employee in the hands, upper chest, and face area. The injuries resulted in lost time. Days Lost - 63

### **HIBBING TACONITE:**

Tractor Operator, Date of Accident – May 25, 2021. Two light fleet vehicles were both traveling eastbound through the pit, one vehicle was coming from the Mine view on the south leg of the road. The other was coming down the main haul road on the north leg of that road. The roads meet at a "V" intersection coming down the hill. One vehicle slowed at the "V" to cross over the haul road to a dump. As they were creeping toward the haul road to look around a cobbing pile on their left, the other vehicle was coming over a gradual hill in the road by the intersection. Neither vehicle saw the other resulting in the vehicles making contact. A passenger in one vehicle received minor whiplash and sore back. Days Lost – 1

## **HIBBING TACONITE COMPANY (cont)**

Maintenance Mechanic, Date of Accident – November 2, 2021. MMG was assisting other MMGs on the task of replacing the ~18" diameter rubber lined "Y" pipe. The 1st section of piping was removed with the overhead crane and placed on the floor. One section of the 2-piece Victaulic clamp was removed and placed on the platform of a rolling stair. The injured began moving the rolling stair to prepare for replacement of the next section of piping. The section of clamp (~32 lbs.) fell from the platform of the rolling stair (7.5 ft.) striking the injured in the face area which resulted in stitches to lips and front teeth damage. Days Lost - 2

## **NORTHSHORE MINING COMPANY**

### **Babbitt:**

Coarse Crusher Maintenance Technician, Date of Accident – May 10, 2021. The employee had just finished rigging two 30" crusher wall liners and was standing with his foot positioned between the rigged liners and another liner lying on the floor. When a co-worker started to raise the liners, the load slid back and pinned the affected employee's foot/ankle against the stationary liner. The impact resulted in a fracture to the employee's ankle. Days Lost - 21

### **Silver Bay:**

None

## **UNITED TACONITE:**

Plant Operator, Date of Accident – February 12, 2021. While attempting to remove built-up concentrate from a chute liner, the employee was operating a jack hammer and a large slab slid down off the chute and pinned the employee's left leg. Days Lost - 53

## **USS CORPORATION, MINNESOTA ORE OPERATIONS**

### **KEETAC:**

None

### **MINNTAC:**

Line Attendant, Date of Accident - January 27, 2021. Employee was attempting to clean in the line 8 basement south of the 147 pumps by the 23-03-1 belt. As the employee was moving a piece of classifier skirting about 10 feet, they slipped and fell up against the 120-08-1 feed end wall. The employee noted pain in their left shoulder resulting in an arm fracture. Days Lost – 67

Maintenance Technician, Date of Accident – February 10, 2021. Employee was removing a bottom wear plate from the bucket of the 247 loader. In the process of arc airing the weld on the top right corner of the wear plate, the left side of the plate swung downward and the right-side weld broke free causing the plate to land on the employee's left foot. Estimated weight of plate was approximately 500 pounds with dimensions of 85" x 28" x 1". The employee was wearing a steel toe boot with metatarsal protection and the boot was in good condition. Two toes were amputated following the incident. Days Lost – 180

Maintenance Technician, Date of Accident – April 19, 2021. Employee was using a T-handle chuck wrench to tighten one of the jaws on a 4-jaw chuck and felt pain in his right shoulder. The T-handle wrench being used weighs 5 lbs. and measures 20" wide at the handles and 10-1/4" long. Employee suffered a torn rotator cuff. Days Lost - 59