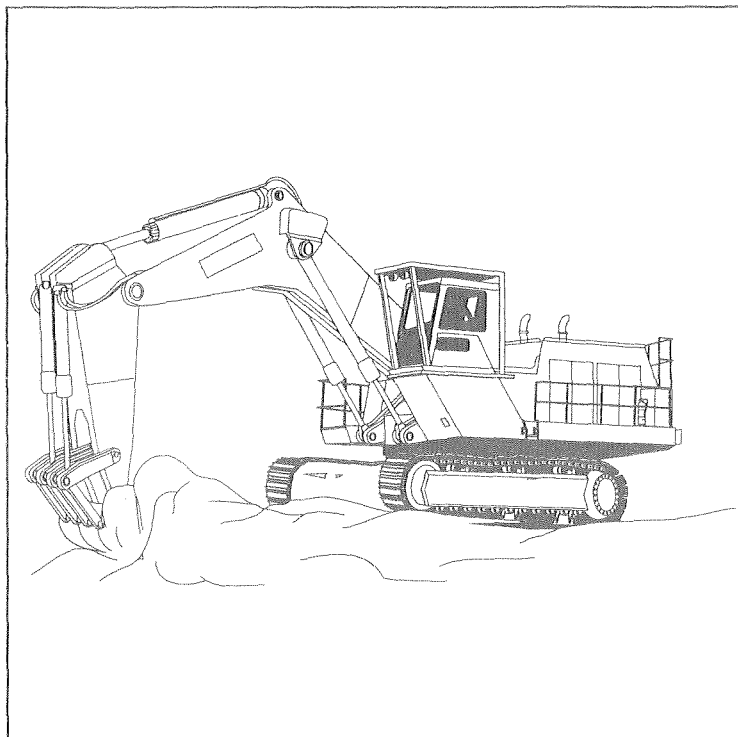


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The Annual Report of the Inspector of Mines



2010

INSPECTOR OF MINES
Barry D. Lesar

OFFICE AT
St. Louis County Garage
Highway 135 East
Virginia, Minn. 55792

PHONE: 218-742-9840

**SUMMARY OF STATISTICS
MINES OF ST. LOUIS COUNTY, MINNESOTA**

2010

Number of Mining Companies	7
Number of Mines in Operation	6
Number of Plants in Operation	6
Number of Wash Plants	0
Number of Mines Inactive	285
Number of Abandoned Mine Shafts Inspected	64
Total Number of Mines and Plants	291
Total Pellets Shipped	37,907,184
Total Ore Shipped	89,581
Taconite Mined	124,835,547
Stripping and Waste Removal, Tons	73,090,664
Total Material Moved, Tons Estimate	198,015,792
Total People Employed	3,761
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	27
Total Number of Man-hours Worked	7,845,824
Number of Visits, Inspections and Investigations	676

LABOR CLASSIFICATION AND HOURLY RATES

Shift Difference:	Sunday 1 1/4 Time
.....	Afternoon \$0.30
.....	Night \$0.45

2010 WAGE RATES INCENTIVE INCLUDED

Labor Grade	Wage Rate
1	\$22.15
2	\$24.23
3	\$26.67
4	\$28.06
5	\$29.80

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 only one of the mines in St. Louis and Itasca counties.

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

2010

INSPECTOR OF MINES

Barry D. Lesar

329 Viking Drive, Hoyt Lakes, Minnesota 55750

HOME PHONE: 218-225-3203 OFFICE PHONE: 218-742-9840

MOBILE UNIT: CD-28

E-MAIL: lesarb@co.st-louis.mn.us

Fax: 218-741-7832

ASSISTANT MINE INSPECTOR

Paul T. Wier

2311 Station 44 Road

Eveleth, Minnesota 55734

HOME PHONE: 218-744-2806

OFFICE PHONE: 218-742-9843

MOBILE UNIT: CD-20

ASSISTANT MINE INSPECTOR

Terrance M. O'Neil

616 S. Main Street, Box 294

Biwabik, Minnesota 55708

HOME PHONE: 218-865-6978

OFFICE PHONE: 218-742-9841

MOBILE UNIT: CD-14

ASSISTANT MINE INSPECTOR

Open Due to Retirement

OFFICE AT

ST. LOUIS COUNTY GARAGE

7823 HIGHWAY 135 EAST, Virginia, Minnesota 55792

PHONE: 218-742-9840

THE ST. LOUIS COUNTY BOARD OF COMMISSIONERS

District 1 Frank Jewel, Duluth, Minnesota
District 2 Steven O'Neil, Duluth, Minnesota
District 3 Chris Dahlberg, Duluth, Minnesota
District 4 Mike Forsman, Ely, Minnesota
District 5 Peg Sweeney, Gnesen Township, Minnesota
District 6 Keith Nelson, Virginia, Minnesota
District 7 Steve Raukar, Kelly Lake, Minnesota

THE ITASCA COUNTY BOARD OF COMMISSIONERS

District 1 Davin Tinquist
District 2 Catherine McLynn
District 3 Leo Trunt
District 4 Rusty Eichorn
District 5 Mark Mandich
Jeff Walker Itasca County Auditor
Vic Williams Itasca County Sheriff, Itasca County Mine Inspector

December 31, 2010

THE HONORABLE BOARDS OF COMMISSIONERS

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

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

Dear Chairman Raukar, Chairman Eichorn and Fellow Commissioners:

The Annual Report of the Inspector of Mines for the year 2010 is herewith submitted.

While the mining industry in northern Minnesota was dealt an economic blow in 2009, 2010 has been a year which has brought the industry back to full or near full production. While the environmental permitting for the Polymet project at the old Erie Mining Company plant site has not been finished, the outlook for semi-precious mining still looks positive. The start of the Mesabi Nugget Project outside of Aurora, along with the continued construction of the Essar Steel Project, along with continued production at the original Magnetation Project and the proposed expansion project in Itasca County, the future of mining in St. Louis and Itasca counties holds much promise for our area and our state.

On the Public Safety side of mining, the Minnesota DNR Division of Minerals, along with other agencies is in the process of expanding the underground mine mapping project to include the western Mesabi Range. This project would then complete the mapping for the entire Mesabi Range and should prove helpful in planning future expansions of both the Mining Industry and public uses for the old mine lands.

The total employment for the year was 3,761 and these people worked a total of 7,845,824 manhours.

There were 89,581 tons of natural ore shipped and 37,907,184 tons of taconite products shipped from these mines. There were 73,090,664 tons of stripping and waste removed from these mines.

Inspections and visits for 2010 were as follows: Approximately 676* inspections, visits and investigations were made to the operating and non-operating mines. There were 0 fatalities and 27 lost time or serious accidents reported.

Acknowledgment 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,



Barry D. Lesar
Inspector of Mines
St. Louis County

Excerpts from the Law On

INSPECTOR OF MINES

CHAPTER 180

MINNESOTA STATUTES

SECTION 180.02

QUALIFICATIONS, SALARY, OATH, BOND

Each inspector of mines and assistant shall be at least 25 years of age, a citizen of the state, and a resident of the county wherein appointed, of good moral character and temperate habits. Previous to appointment the inspector shall have had practical experience as a miner or otherwise engaged as an employee in mines of the state at least six years, or a mining engineer having had previous to appointment at least two years of practical experience in iron mines and iron mining and having had at least one year of such experience in this state. The inspector shall not while in office in any way be interested as an owner, operator, agent, stockholder, or engineer of any mine. The inspector shall live or have an office in the mining district of the county for which appointed. The salary of each inspector of mines and assistant shall be such sum as shall be fixed by the county board not exceeding \$7,500 per annum, and shall be allowed actual traveling expenses not to exceed \$1,200 in any one year. The inspector shall file with the county auditor an itemized account of expenses every three months, verified by affidavit, showing that they have been incurred in the discharge of official duties. Before entering upon the discharge of the duties of office, the inspector shall take an oath before some person authorized by law to administer oaths to support the Constitution of the United States and the Constitution of the state of Minnesota, and that the inspector will faithfully, impartially, and to the best of ability discharge the duties of office, and file a certificate of having done so in the office of the county auditor. The inspector shall give bond, payable to the county board, in the penal sum of \$5,000, with sufficient sureties to be approved by the county board, conditioned that the inspector will faithfully discharge the duties of office and this bond shall be filed with the county auditor.

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	(Sliver 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	26,608,768.51	5,250	33	0	0.00	94.19
1987	9	30,063,909	4,857	26	1	0.21	94.19
1988	9	37,250,242.97	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	43,976,323.01	6,051	97	1	0.17	93.936
1995	9	47,030,820.33	6,005	87	0	0.00	97.936
1996	8	46,144,620.64	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	5,610.7	77	1	0.18	109.936
2001	8	34,144,559.29	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	40,464,088.92	3,568	29	0	0.00	178.40 Average/Day
2006	7	39,617,873	3,714	14	1	0.27	178.40 Average Day
2007	7	38,041,615.6	3,724	13	2	0.54	187.848
2008	7	40,599,311	3,732	26	0	0.00	182.40 see pg. 4 wages
2009	7	18,025,710	2,687	39	0	0.00	201.44 see pg. 4 wages
2010	7	37,996,765	3,761	27	0	0.00	238.44 see pg. 4 wages

REPORT TO COUNTY INSPECTOR OF MINES
(Minnesota Statutes 180)
ORE SHIPPED FROM MINES, TONS OF STRIPPING REMOVED
NUMBER OF PEOPLE EMPLOYED, MINES OF ST. LOUIS COUNTY, MINNESOTA
YEAR ENDING DECEMBER 31, 2010

MINES AND SUPERINTENDENTS	TONS OF NATURAL ORE SHIPPED	TONS OF TACONITE PELLETS SHIPPED	TOTAL TACONITE MINED	TONS STRIPPING WASTE *	AVG. NO. PEOPLE EMPLOYED PLANTS/PITS	MAN HOURS	MONTHS WORKED
Operations Manager UNITED TACONITE LLC Jack Tuomi - VP & General Manager		5,111,795	15,232,717	15,048,403	499	1,033,779	12
Keewatin Taconite Co. Itasca Co. Production Division of USS St. Louis Co. Production Minnesota Ore Operations		4,816,043 0	17,222,273 0	9,606,707 0	Mine 220 Plant 147 Shops, Warehouse & Misc. 49	457,932 306,205 102,867	12 12 12
HIBBING TACONITE CO. Production Ed Latendresse, Manager Shipped From Plant		5,874,533	22,382,564	27,289,412	631	1,306,573	12
ARCELOR - MITTAL STEEL USA, MINORCA MINE, INC. Minorca Mine J.H. Holmes, Vice President, Operations		2,714,852 - Flux 110,432 - Chips	8,823,871	7,146,302	339	723,703	12
NORTH SHORE MINING COMPANY Babbitt, Silver Bay M. Mlinar, General Manager		6,210,761	14,822,905	10,926,684	575	1,204,185	12

REPORT TO COUNTY INSPECTOR OF MINES
(Minnesota Statutes 180)
ORE SHIPPED FROM MINES, TONS OF STRIPPING REMOVED
NUMBER OF PEOPLE EMPLOYED, MINES OF ST. LOUIS COUNTY, MINNESOTA
YEAR ENDING DECEMBER 31, 2010

MINES AND SUPERINTENDENTS	TONS OF NATURAL ORE SHIPPED	TONS OF TACONITE PELLETS SHIPPED	TOTAL TACONITE MINED	TONS STRIPPING WASTE *	AVG. NO. PEOPLE EMPLOYED PLANTS/PITS	MAN HOURS	MONTHS WORKED
MESABI MINING, LLC Tom Lutes, Mine Manager MESABI NUGGET, LLC Steve Rutherford - Operations Manager	Mesabi Mining is still in the permitting phase for the Mine. So there are no production or employment figures for calendar year 2010.						
USS CORPORATION, Minnesota Ore Opeartions Tom Kelly, Gen. Mgr. Minntac Plant, Mt. Iron Minntac Mine Minntac Plant Shop, Warehouse, & Miscellaneous MAGNETATION, INC. Larry Lehtinen, Chairman Nashwauk, MN		13,068,768	46,351,217	3,073,156 Mine, Maintenance - 547 Minntac Plant - 602 Administration - 115	37	1,140,095 1,255,062 239,575 75,848	12 12 12 12
TOTALS	89,581	37,907,184	124,835,547	73,090,664	3,761	7,845,824	12
TOTAL RAW ORE	89,581						
TOTAL RAW ORE AND PELLETS		37,996,765 TOTAL NATURAL ORE & TACONITE SHIPPED ALL TONNAGES ARE IN LONG TONS					

REPORT TO COUNTY INSPECTOR OF MINES
(Minnesota Statutes 180)
ORE SHIPPED FROM MINES, TONS OF STRIPPING REMOVED
NUMBER OF PEOPLE EMPLOYED, MINES OF ST. LOUIS COUNTY, MINNESOTA
YEAR ENDING DECEMBER 31, 2010

NON-FERROUS MINES AND SUPERINTENDENTS	TONS OF PRODUCT SHIPPED	TOTAL ORE MINED	TONS STRIPPING WASTE *	AVG. NO. PEOPLE EMPLOYED PLANTS/PITS	MAN HOURS	MONTHS WORKED
---	-------------------------------	-----------------------	------------------------------	---	--------------	------------------

Polymet Mining Corp.
 Joseph Scipioni, President & CEO

NON-FERROUS PROPERTY, IN DEVELOPMENT, NOT IN PRODUCTION AT THIS TIME

TOTAL MATERIAL MOVEMENT
 FERROUS AND NON-FERROUS

* - Total Tonnage of both waste rock and overburden removed to expose the ore body
 ** - Tonnage Used to Determine Total Production Shipped for the year

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

UNITED STATES STEEL CORPORATION

Minnesota Ore Operations
KEEWATIN TACONITE
P.O. Box 217
Keewatin, Minnesota 55753
Phone: 218-778-8798

Tom Kelly General Manager
Jeremy Smolich Plant Manager
Michael Bakk Area Manager - Electrical & Mine Maintenance
William Getty Area Manager, Mine Operations & Crusher
Tim Kalish Area Manager - Plant Operations & Maintenance
Doug Johnson Division Manager - Ore Movement & ISO
John Skube Labor Relations
Laurie Potter Manager, Safety & I.H.
Scott Karpinen Sr. Staff Supervisor of Safety & I.H.
Jerry Orrell Staff Supervisor, Safety & I.H.

* * * * *

UNITED TACONITE LLC

P.O. Box 180
Eveleth, MN 55734
Phone: 218-744-7800

Jack Tuomi Vice President - General Manager
Mike Smith Senior Area Manager, Mine & Plant Operations
Rob Bigelow Area Manager, Business Improvement/
Technical Services
Todd Nelson Area Manager, Finance
John Baxter Area Manager, Human Resources
Jon LaMusga Section Manager, Materials
Lyle Johnston Area Manager, Maintenance
Bryan Baird Area Manager, Safety
Candice Maxwell Section Manager, Environmental

HIBBING TACONITE COMPANY

P.O. Box 589
Hibbing, Minnesota 55746
Phone: 218-262-5950

E.M. Latendresse General Manager
D.J. Koth Manager - Technical Services
T.S. Tomsich Area Manager - Financial Control
J.T. Croswell Manager - Mining
P.A. Carlson Manager - Plants
D.A. Weiberg Manager - Maintenance
J.C. Tamminen Manager - Technical Support Manager
H.E. Drews Manager - Information Technology
M.P. Kern Manager - Human Resources
A.J. Bakk Manager - Safety & Loss Control
A.S. McDowell Manager - Environmental
R.W. Hess Manager - Procurement

* * * * *

MESABI MINING, LLC

P.O. Box 235
6500 County Road 666
Hoyt Lakes, Minnesota 55750
Phone: 218-225-6000
Fax: 218-225-0600

Mark Millet President - Iron Resources, Steel Dynamics, Inc.
Dave Bednarz Vice President - Iron Resources,
Steel Dynamics, Inc.
Tom Lutes Mine Manager, Mesabi Mining, LLC

**ARCELOR MITTAL
MINORCA MINE, INC.**

5950 Old Hwy. 53
P.O. Box 1
Virginia, Minnesota 55792
Phone: 218-749-5910
Fax: 218-749-3420

DIRECTORS

Louis Schorsch, Michael Rippey

ARCELOR - MITTAL MINING OFFICERS

Michael Rippey President and CEO, ArcelorMittal USA
Andy Harshaw Executive Vice President, Operations,
ArcelorMittal USA
Mark Whalen Vice President and General Manager,
ArcelorMittal Indiana Harbor
Daniel Mull Executive Vice President, Sales & Marketing
ArcelorMittal USA
John Brett Vice President & Controller, Corporate Finance &
Planning, ArcelorMittal USA
Jonathan H. Holmes Vice President, Operations,
ArcelorMittal Minorca Mine
Om Mandhana Vice President, Procurement & Supply Chain,
ArcelorMittal USA
Greg Ludkovsky Chief Technology Officer, ArcelorMittal
Dale Laidlaw Vice President, Human Resources,
ArcelorMittal Flat Carbon Americas
Vaidya Sethuramen Vice President, Finance & Chief Account Officer,
ArcelorMittal Flat Carbon Americas
Thomas A. McCue Treasurer ArcelorMittal Flat Carbon Americas
William Mundell Director of Taxes, ArcelorMittal USA
Paul Libenson General Counsel, ArcelorMittal USA
G. Craig Birchette Associate General Counsel, ArcelorMittal USA
Marc R. Jeske Associate General Counsel, ArcelorMittal USA

SECTION MANAGERS

Darrell Maki Manager - Plant
William Bond .. Division Manager - Business & Operating Technology
Gary Kleffman Manager - Human Resources/Labor Relations
Scott Harrison Manager - Pit
Karla Heritage - McKenzie Manager - Safety
Thomas Cossalter Manager - Purchasing

NORTHSHORE MINING COMPANY

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

**NORTHSHORE MINING BABBITT MINE
BABBITT, MINNESOTA 55706**

Phone: 218-827-2101

Michael Mlinar General Manager
James Korpi Operations Manager
Terry Nanti Maintenance Manager
Chuck Renwald Tech Services Manager
John Sandstrom Railroad Manager
Karl Kerschen Human Resources Manager
Andrea Hayden Environmental Manager
William Bundschuh Silver Bay Power Manager
Ron Holm Safety Manager
Scott Blood Plant Safety Representative
Maria Strand Plant Safety Associate
Rod Lampton Mine Safety Representative

UNITED STATES STEEL CORPORATION

Minnesota Ore Operations
MinnTac
P.O. Box 417
Mt. Iron, MN 55768
Phone: 218-749-7299

Tom Kelly General Manager
Mike Patton Plant Manager
Bruce Kniivila Division Manager - Mining, Maintenance
Scott Vagle Division Manager, Concentrating and Crushing
Ron Flick Division Manager - Agglomerating
Doug Johnson Division Manager, Ore Movement and ISO
John Skube Manager - Employee Relations
Laurie Potter Manager - Safety & I.H.
Scott Karpinen Sr. Staff Supervisor - Safety & I.H.
Robert Youngman Staff Supervisor - Safety & I.H.
Kent Swanson Staff Supervisor - Safety & I.H.
John Zupin Staff Supervisor - Safety & I.H.

* * * * *

POLYMET MINING
P.O. Box 475
6500 County Road 666
Hoyt Lakes, MN 55750

OFFICERS

Joseph Scipioni President and Chief Executive Officer
Douglas Newby Chief Financial Officer
Phillip Brodie-Hall Executive Vice President - Project Construction
Latisha Gietzen Vice President of Public, Government and
Environmental Affairs

STAFF

James Tieberg Division Manager - Mining
James Scott Environmental Manager
Richard Patelke Project Geologist
Dave Draves Site Controller
Stephen DeVaney Purchasing Manager
Paul Brunfelt Division Manager of Plant
Kevin Pylka Manager of Environmental Permitting & Compliance

* * * * *

MAGNETATION, INC.
Red Rock Business Center
832 First Street, Suite 130
Nashwauk, Minnesota 55769
Phone: 218-885-0043

Larry Lehtinen Chairman, President & CEO
Matt Lehtinen Vice President of Marketing &
Business Development
David J. Chappie Vice President of Operations & Engineering
Hope Wilson CFO

* * * * *

ALWORTH LAND & IMPROVEMENT COMPANY

1605 Alworth Building
306 W. Superior Street
Duluth, Minnesota 55802
Phone: 218-722-0816

R.K. Prescott Chairman
Nicholas B. Alworth Vice Chairman
Steven G. LaFlamme President
Terry F. Netzel Assistant Vice President
George W. Kratzner, II Treasurer
Thea M. Barnes Secretary
Patrick S. McGaffey Assistant Secretary/Assistant Treasurer

* * * * *

CONGDON MINERAL MANAGEMENT INC.

3920 13 Ave. E., Suite 7
Hibbing, Minnesota 55746-3672
Phone: 218-262-0799
Fax: 206-203-0098

John P. Congdon President
David G. Meineke Vice President
Ann L. Albrecht Assistant Secretary and Treasurer

* * * * *

EVELETH FEE OFFICE, INC.

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

Daniel L. England President
Thomas J. Malkovich Vice President/Manager of Mines
Beverly A. Saranpaa Administrative Assistant

* * * * *

GREAT NORTHERN IRON ORE PROPERTIES

Office of the Trustees
W-1290 First National Bank Building
332 Minnesota Street
St. Paul, Minnesota 55101-1361
Phone: (651) 224-2385
Fax: (651) 224-2387
www.gniop.com

Engineering & Inspection Office
801 East Howard Street
P.O. Box 429
Hibbing, Minnesota 55746-0429
Phone: 218-262-3886
Fax: 218-262-4295

J.S. Micallef President and CEO
J.A. Swearingen Trustee
R.W. Staehle Trustee
R.A. Stein Trustee
T.A. Janochoski Vice President and CFO
R.P. Johnson Manager of Mines
K.A. Baehr Manager of Accounting

* * * * *

HARTLEY OFFICE
740 East Superior Street
Duluth, Minnesota 55802
Phone: 218-723-8060

Mark Myles Trust Manager

* * * * *

IRON MINING ASSOCIATION OF MINNESOTA

324 West Superior Street
Suite 502
Duluth, Minnesota 55802
Phone: 218-722-7724
www.taconite.org

Craig Pagel President

OFFICERS

Ed Latendresse, Board Chair Hibbing Taconite
William Bond Arcelor Mittal, Minorca Mine
Jonathan Holmes Arcelor Mittal, Minorca Mine
Dana Byrne Cliffs Natural Resources
Mike Mlinar Northshore Mining
Maureen Talarico Cliffs Natural Resources
Tim Tomsich Hibbing Taconite
Jack Tuomi United Taconite
Scott Coleman Minnesota Ore Operations
Scott Vagle US Steel - Minntac
Jeremy Smolich US Steel - Keetac
Chrissy Bartovich US Steel
Larry Lehtinen Magnetation
Environmental; Committee Chrissy Bartovich
Public Information Committee Bob Poulter
Safety and Health Committee Laurie Potter

* * * * *

ONONDAGA IRON COMPANY

740 East Superior Street
Duluth, MN 55802
Phone: 218-723-8060

Douglas H. Lewis Chief Financial Officer
Kenneth Maine Chief Executive Officer

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MINING MINNESOTA

P.O. Box 16666
Duluth, Minnesota 55816
Phone: 218-393-2301
E-Mail: fongaro@miningminnesota.com

Frank Ongaro Executive Director

* * * * *

MERIDEN ENGINEERING, LLC

A Wholly-Owned Subsidiary of Superior Mineral Resources LLC
1910 East 8th Avenue
P.O. Box 650
Hibbing, Minnesota 55746
Phone: 218-262-6127

G.D. Lindahl President
J.A. Hecimovich Vice President

* * * * *

SUPERIOR MINERALS RESOURCES, LLC

1910 East 8th Avenue
P.O. Box 650
Hibbing, Minnesota 55746
Phone: 218-262-6127
www.superiormineral.com

H.W. Hilshorst President and Chief Executive Officer
G.D. Lindahl Vice President and Chief Executive Officer
J.A. Hecimovich Vice President and Chief Financial Officer

* * * * *

MESABI MINERAL ASSOCIATION

By Oneida Realty Company
1605 Alworth Building
306 W. Superior Street
Duluth, Minnesota 55802
Phone: 218-722-0816

R.K. Prescott Chairman

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GLOBAL MINERALS ENGINEERING, LLC

3920 13th Ave. E., Suite 7
Hibbing, Minnesota 55746-3672
Phone: 218-262-0799
Fax: 206-203-0098

David G. Meineke President & CEO
Dorothy M. Meineke Vice President & CFO
Richard F. Jaeger Mining Engineer
Michael G. Keppel Mining and Minerals Processing Engineer

* * * * *

MINNESOTA DEPARTMENT OF NATURAL RESOURCES

500 Lafayette Road
St. Paul, Minnesota 55155
(651) 259-5959
FAX (651) 296-5939

Tom Landwehr Commissioner
David Schad Deputy Commissioner
Larry Kramka Assistant Commissioner
Marty Vadis Director, Division of Lands and Minerals (LAM)

Division of Lands and Minerals
1525 E. Third Avenue
Hibbing, Minnesota 55746
(218) 231-8484
FAX (218) 262-7328

John Engesser Asst. Director, Division of Lands and Minerals
Peter Clevensline Manager, Engineering & Mineral Development

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STATE OF MINNESOTA
IRON RANGE RESOURCES
MINELAND RECLAMATION
1003 Discovery Drive
Chisholm, Minnesota 55719

Phone: (218) 274-7000 Fax: (218) 274-7002

D. Jordan Mining and Minerals Program Supervisor
B. Itkonen Mineland Reclamation Specialist, Sr.
G. Dormanen Mineland Reclamation Specialist
S. Perkovich Office & Administration Specialist, Sr.
J. Plummer Laurentian Vision and Real Property Coordinator

* * * * *

IRON RANGE RESOURCES
4261 HIGHWAY 53 SOUTH
P.O. BOX 441
EVELETH, MN 55734

Phone: (218) 744-7400 or 800-765-5043

T. Sertich Commissioner Iron Range Resources
B. Hiti Deputy Commissioner, Iron Range Resources
M. Sjoberg Director, Development Strategies

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RGGS Lands & Minerals LTD., L.P.
202 2nd Avenue South
Virginia, MN 57792
Phone: (218) 749-1291
Fax: (218) 749-1294

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MINNESOTA MINE INSPECTORS
St. Louis County

Barry D. Lesar Inspector of Mines
Paul T. Wier Assistant Mine Inspector
Terrance M. O'Neil Assistant Mine Inspector
Open Due To Retirement Assistant Mine Inspector

OFFICE AT
ST. LOUIS COUNTY GARAGE
Highway 135 East
Virginia, Minnesota 55792
Phone: 218-742-9840

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UNITED STATES DEPARTMENT OF LABOR
MINE SAFETY AND HEALTH ADMINISTRATION
515 W. 1st Street #333
Duluth, Minnesota 55802-1302
COMM: 218-720-5448
FAX: 218-720-5650
Duluth Duty Field Station COMM: 218-720-5448

DISTRICT OFFICE

Steven M. Richetta District Manager
Gerald D. Holeman Assistant District Manager
William H. Pomroy Staff Assistant
George F. Schorr Supervisory Special Investigator
Wayne L. Lundquist Conference Litigation Representative
Daniel J. Goyen Conference Litigation Representative
Mary M. Mikulich Supervisory Management/Program Analyst
Kenneth L. Bickel Safety Specialist
Stephen D. Cotie Health Specialist

DULUTH DUTY FIELD STATION

Dale E. Hedman Mine Safety & Health Inspector
Robert A. Marincel Mine Safety & Health Inspector

HIBBING FIELD OFFICE

522 East Howard Street, Suite 201A
Hibbing, Minnesota 55746
Phone: 218-262-5205
Fax: 218-262-1296

William G. Dethloff III Mine Safety & Health Inspector
Richard V. Boeckermann Mine Safety & Health Inspector
David R. Wallin Mine Safety & Health Inspector
Thaddeus J. Sichmeller Mine Safety & Health Inspector
John C. Koivisto Mine Safety & Health Inspector

MINNESOTA DEPARTMENT OF REVENUE

600 North Robert Street
St. Paul, Minnesota 55146
Phone: (651) 556-3100 Fax: (651) 297-5309

Myron Frans Commissioner
Gina Amacher Director, Special Taxes Division

Minerals Tax Office

612 Pierce St.
Eveleth, Minnesota 55734-1611
Phone: (218) 744-7424 Fax: (218) 744-7421

Norma J. Krogerus Revenue Tax Specialist Sr. - ext. 5867
Robert Wagstrom Engineering Specialist Sr. - ext. 5865
Carolyn Koskela Secretary - ext. 5866

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INTERNATIONAL UNION OF OPERATING ENGINEERS

Local No. 49, 49A, 49B, 49C, 49D, and 49E
Minnesota, North Dakota, South Dakota
8381 Enterprise Drive N
Virginia, MN 55792
Phone: 218-741-8190 - Virginia
Phone: 218-724-3840 - Duluth

Thomas Pariseau President
Daniel Kingsley Officer
J. Dale Long Officer
Brent Pykkonen Officer (Duluth)
Janet Haley Secretary
Pam Fairchild Secretary (Duluth)

**UNITED STEEL WORKERS OF AMERICA
DISTRICT 11**

MINNEAPOLIS OFFICE

Phone: 612-623-8045

R. Bratulich Director

EVELETH SUB-DISTRICT OFFICE

Phone: 218-744-2757

Fax: 218-744-7926

John Rebrovich Staff Representative

Cathy Warner Staff Representative

Peggy May Staff Representative

**UNITED STEEL WORKERS OF AMERICA
LOCAL UNITS**

LOCAL #6860

UNITED TACONITE LLC

Phone: 218-744-4480

John Motley President

Joe Fredrickson Vice President

Amy Hutkowski Recording Secretary

Steve Lere Financial Secretary

Jim Ravnikar Treasurer

Larry Roberts Safety Coordinator

Bryan Sandnas Plant Safety Chairman

Paul Horoshak Mine Safety Chairman

LOCAL #2660

KEEWATIN TACONITE

Phone: 218-778-6909

Jack Thronson President

David Mlakar Safety Chair/Safety Representative

Joe Ferris Safety Representative

Kevin Noonan Area Chair, Concentrator

Cliff Tobey Area Chair, Shops

Jeff Stalboerger Area Chair, Pit

Harlee Sirjord Area Chair, Pond

Tom Damjanovich Area Chair, Crusher

Carl Jeranek Area Chair, Pellet Plant

**LOCAL #2705
HIBBING TACONITE COMPANY**

Phone: 218-254-2492

Fax: 218-254-7100

115 W. Lake Street, Chisholm, MN 55719

Frank Jenko President
Mike Wright USW International Safety Department
Bob Brown Chairman, Safety Committee
John Bartz Alternate

**LOCAL #6115
MITTAL STEEL USA, MINORCA MINE INC.**

Phone: 218-741-3310

Ray Pierce President
Tom French Coordinator
Jim Labernik Sub Chair, Truck Shop
Jim Kottke Sub Chair, Training

**LOCAL #1938
USX - MINNTAC MINE**

Phone: 218-741-0887

Mike Woods President
Jon Malek Vice President
Dave Chesser Recording Secretary
Chad Daniels Financial Secretary
Paul Centa Treasurer
Tim Carlson Safety Committee Chairman
Mark Hagsten Safety Committee Co-Chairman
Dennis Jensrud Safety Coordinator - Minntac/Keetac
Rodney Moberg Full-Time Safety Representative, Mine/Shops
Lowell Carlon Full-Time Safety Representative, Concentrator/
Crushers
Dave Toole Full-Time Safety Representative,
Agglomerators I, II, III

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BUILDING AND CONSTRUCTION LABORERS

LOCAL 1097

307 North First Street

Virginia, MN 55792

Paul A. Knaffla President
David L. Becker Vice President
Timothy G. McGauley Business Manager/Financial Secretary
Jerry F. Strle "E" Board Member
Richard M. Walker "E" Board Member
Todd A. Payne "E" Board Member
Rick J. Cannata Recording Secretary
Michael G. Warner Sergeant at Arms
Shelly A. Witanen-McDonald Staff

NON-FATAL LOST-TIME AND SERIOUS ACCIDENTS

ARCELOR MITTAL, MINORCA MINE, INC.

Lab Analyst, Date of Accident - January 28, 2010, Injured was removing a screen panel, which required pulling the screen panel towards him. When he pulled, he felt a pull in the lower left groin area. This resulted in a hernia. Days Lost - 20

Pit Maintenance, Date of Accident - June 30, 2010, Injured was stepping off the lube truck when he felt a pain in his left knee. The damage to the knee required surgical repair. Days Lost - 34

Plant Operations, Date of Accident - August 3, 2010. Injured climbed a ladder to unplug the scrubber discharge sock feeding the launder. When the material broke free, the force of the accumulated water/material knocked him off the ladder and he fell to the ground. This resulted in a fractured heel. Days Lost - 41

Warehouse Attendant, Date of accident - August 9, 2010. Injured was boarding the forklift when she felt a pain in her right hip. This resulted in a hip strain. Days Lost - 4

UNITED TACONITE LLC

MINE

Mine Operations, Date of Accident - May 7, 2010. Injured was getting into the shift change van at 10:40 P.M. While entering the van, the employee slipped and hit the door opening on the van with his shin, causing an open wound. There were wet conditions, muddy boots and it was dark outside. Days lost - 10

Mine Operations, Driller, Date of accident - December 29, 2010. Injured was exiting the drill when his footwear grippers caught on the bottom step of the drill causing him to lose balance and pitch forward. He landed on his right foot, breaking the outer metatarsal bone. Days Lost - 2 days in 2010

PLANT

Plant Maintenance, Date of Accident - December 30, 2009. Injured employee was in the process of grouting in a new base for a replacement pump. He was mixing up grout with a small 5 gallon portable mixer. He was finished mixing up a batch of grout and shut off the mixer. He then attempted to remove the 5 gallon pail from the mixer, but the pail was stuck. He attempted to wiggle the pail free when he inadvertently bumped the toggle start switch to "on" and the mixer started. Injured had his hand on the pail handle when the mixer started. This spun his hand around, twisting the pail handle and injuring his hand. Injured freed his hand after several revolutions. This resulted in a sprain or strain to the left hand. This resulted in a bruise to the right elbow and a bump on the head. Days Lost - 0

Plant Operations, Date of Accident - January 3, 2010. Injured was trying to close a seal water line valve. The valve was stuck and the handle was bent. While trying to turn the valve, injured felt a pop in his right wrist. Days Lost - 23

Plant Operations, Fines Crusher, Date of Accident - May 12, 2010. Injured was attempting to remove the low speed coupler guard for #10 conveyor with a partner. While moving, the guard shifted and pinched a finger between the guard and the motor. Days Lost - 1

Plant Maintenance, Concentrator, Date of Accident, September 30, 2010. Injured was lifting a ladder into position, turned, and felt a pop in his back. Days Lost - 92 in 2010

Plant Maintenance, Date of Accident - October 19, 2010. Injured was maneuvering a four-wheeled cart out of the elevator. When the wheels contacted the door channel, they caused the cart handle to strike Injured, which caused Injured to fall to the floor. This resulted in a contusion to the back. Days Lost - 5

HIBBING TACONITE COMPANY

Maintenance Mechanic, Date of Accident - May 27, 2010. Injured and his partners were assigned to replace the crowd cables on a BE295 electric rope shovel. The crowd cable is received from the manufacturer on a large wooden spool. HTC has fabricated and approved a metal cable stand used to hold the spool and accompanying cable. A round metal shaft (pole) is slid through the middle of the spool. The cable spool and stand are positioned to line up with the shovel. This allows for easy and efficient removal of the old cable from the shovel and spooling of the new cable onto the shovel. In this incident, a mechanic was using a boom truck and a sling to remove the cable assembly from the back of the boom truck and to position both of them on the ground in preparation to change the cable. Injured was on the ground assisting with positioning the cable assembly with his hands on the side of the stand as it was being set down. One side of the assembly had been placed on the ground. As the other side was being set down, the shaft for the cable stand shifted toward the bracket (plate which holds the shaft in place on the cable stand) pinching injured's thumb on his right hand. Injured suffered an avulsion injury; stitches were used to repair the thumb. Days Lost - 15

Maintenance Mechanic, Date of Accident - June 8, 2010. Injured and his partner were removing a shim/bracket on a 4-foot finisher to replace it with a new stabilizing bracket and drive. The drive had been removed and injured had placed the 3/8-inch hoisting sling around the stub shaft collar of the finisher, and lifted the finisher drum to allow removal of the shim/bracket. As the drum was lifted by the crane, injured's partner removed one side of the shim/bracket piece (north side). Injured went to help and remove the other side of the shim/bracket piece (south side) when it is believed the sling shifted from the stub shaft collar and slid between the pillow block and the stub shaft, causing the drum to drop about 3 inches. When the drum shifted/dropped, it pinched injured's right index finger and right thumb between the shim and the pillow block. Injured suffered a crushed right index finger which was surgically removed just above the second joint, and a laceration to the thumb which required stitches. Days Lost - 12

KEEWATIN TACONITE

Plant Hybrid, Date of Accident - March 18, 2010. Injured was assigned to close a valve in the Pellet Plant in the chip mill area. Injured was closing a 6" Dezurik valve with a manufactured compatible wrench. Injured attached the wrench to the valve and pulled the wrench toward himself. Valve was located approximately seven feet from the floor. The valve wrench has a square cast iron head and a three-foot long, one-inch diameter pipe handle. Injured proceeded to exert a pulling force on the wrench and the cast iron head of the wrench broke. As this happened, with injured's momentum the pipe handle knocked injured's hard hat off. With backward motion, injured lost his balance and fell to the floor, bumping his head and bruising his right elbow. Days Lost - 0

NORTHSHORE MINING COMPANY

Babbitt Mine

Mine Railroad, Date of Accident - June 20, 2010. Injured had just finished fueling the spiker and had to climb in to the pickup bed to shut off the fuel pump. As he exited the truck box he grabbed the edge of the tailgate for support and cut his finger on a bracket on the tailgate. Days Lost - 0

Mine Railroad, Date of Accident - August 30, 2010. Injured was cutting a 4-inch piece of pipe for the bed of a pickup. When he went to reposition the pipe in the cutoff saw, the back of his hand contacted the spinning blade, cutting the back of his hand, which required medical attention. Days Lost - 8

Silver Bay

Plant Maintenance, Date of Accident - February 8, 2010. Injured was changing bearings on the #11 furnace roll screen. Injured supported the roller shaft with a choker and removed the old bearing assembly. When injured turned to grab the new parts, the shaft slipped off the choker and fell approximately 3 inches pinching the index finger of injured's left hand. Days Lost - 3

Pellet Plant Operations, Date of Accident - February 16, 2010. Injured was using a torch to remove old bolts that were holding an angle iron frame to a wood support structure. A piece of wood started to burn from the hot slag and as injured went to tamp out the small fire, his hand came in contact with the flame from the torch. A nitrile glove on the inside of his work glove melted and burned his fingers. Days Lost - 2

Plant Maintenance, Date of Accident - May 4, 2010. Injured was changing grizzlies on the upper screen deck on the #3 Crushing line. He had crawled under the grizzlies to put nuts on the new bolts when one of the grizzlies came loose from its position and struck him in the forehead. Days Lost - 0

Fine Crusher Operations, Date of Accident - June 8, 2010. Injured was lifting an idler rack from the floor to the idler bed on the #3 south shuttle when he felt a pain in his groin. Days Lost - 38

Plant maintenance, Date of Accident - September 30, 2010. Injured was walking down the west side of the 62/162 conveyor ramp while holding on to the conduit. His left foot slipped and he twisted his ankle. Days Lost - 23

USS CORPORATION, MINNTAC MAINTENANCE

Maintenance Tech, Date of Accident - March 4, 2010. Injured was cutting bolts off the grate side plate for removal when he changed his body position. He lost his balance and fell from a crouch back onto the depth bed fingers. These fingers are 1/4" stainless steel rod mounted in a holder that swings from a pivot and the assembly is used to indicate the depth of green pellets that are being fed into the grate. He was crouching on the nearly flat grate casting bed working under the crossover catwalk above. He stated that while cutting, his torso weight was over his toes and when he moved, the weight was over or behind his heels. The finger support bracket had to be ground into pieces to allow Response personnel to transport him with the finger still impaled. This resulted in a puncture wound in the upper thigh. Days Lost - 0

Maintenance Tech - Electrical. Date of Accident - March 16, 2010. Injured was descending a ladder. When he stepped on the bottom rung, he felt a pain in his knee. This resulted in a torn meniscus in the knee. Days Lost - 15

Maintenance Tech - Mechanical. Date of Accident - June 2, 2010. While injured was removing a hoist drum from a shovel, the manual hoist lock injured was setting dropped unexpectedly. Injured tried to catch the lock, which caused a tear to his bicep tendon. Days Lost - 18

Maintenance Tech - electrical. Date of accident August 1, 2010. Injured and his partner meggered a motor (tested the windings, etc.) and the test indicated a bad winding in the motor. While the megger was still attached, injured disconnected the test lead from the starter and received a shock. Days Lost - 2

MAGNETATION

Supervisor, Date of Accident - May 30, 2010. Injured was using two wrenches to tighten a loose bolt on the Grizzly Hopper. One of the wrenches slipped off and struck injured in the nose. This resulted in a broken nose. Days Lost - 4 hours

Plant Operator, Date of Accident - September 18, 2010. While exiting the loader, injured's hand slipped off the handrail and due to mud on the top deck injured slipped and fell to the ground. This resulted in a sore leg and lower back. Days Lost - 20