

Adams Township, MI

BALTIC MINE
UNDERGROUND REPORT

1907.

F.P. 1406.

BAL TIC MINE

STOPEs AND OPENINGS FOR 1907

Adams Township, MI

No. 2 Shaft

Level	Drifting			* Area of Stopes Jan. 1, 1908			+ Area of Drifts Jan. 1, 1908			* Reserve Area Jan. 1, 1908			* Area Stopped During 1907			Area Drifted During 1907			Total Area During 1907			Copper Rock		
	N.	S.	Total	N.	S.	Total	N.	S.	Total	N.	S.	Total	N.	S.	Total	N.	S.	Total	N.	S.	Total	Skips Hoisted	Tons Stamped	Tons Per Sq Foot
1					1000	1000		928	928															
2					700	700		448	448															
3							656	2864	3520															
4				13900		13900		1536	1536	14520	54408	68928	11000		11000				11000		11000	8460	19195	1.745
5				12700	3300	16000		2848	2848	12488	45908	58396	10000	3000	13000				10000	3000	13000	10932	24882	1.914
6		311	311	12500	6600	19100		4256	4256	14040	60358	74398	9400	5600	15000		2488	2488	9400	8088	17488	11848	26966	1.541
7		660	660	11000	10300	21300		8096	8096	16440	54378	70818	8500	8600	17100		5280	5280	8500	13880	22380	13098	29642	1.324
8		434	434	14000	10000	24000		6678	6678	20318	55142	75460	10100	8000	18100		3472	3472	10100	11472	21572	17134	39093	1.812
9		505	505	6900	2500	9400		4200	4200	20582	64936	84618	6900	2500	9400		4040	4040	6900	6540	13440	11430	26103	1.942
10		223	223	1200		1200		1784	1784	23582	70908	94490	1200		1200		1784	1784	1200	1784	2984	2223	4778	1.600
11		270	270	1500		1500		2160	2160	30000	69366	99566	1500		1500		2160	2160	1500	2160	3660	3629	7939	2.168
12		63	63					504	504	40000	71583	111583					504	504		504	504	138	286	0.567
13																								
14																								
15																								
16																								
17																								
18																								
19																								
20																								
Tot		2466	2466	73700	34400	108100	656	36272	36928	191967	541287	738234	58600	27700	86300		19728	19728	58600	47428	106028	78892	178883	1.627

Sinking 1907 Total 305 1155

X Cutting 1907 Total 331

Secondary Drifting 1907 Total

* Exclusive of Drifts + Area increased by new drifting
Shaft Pibbar = 30ft Floor Pibbar = 20ft
Deltic assumed 8ft high

BAL TIC MINE

STOPEs AND OPENINGs FOR 1907

Adams Township, MI

No. 4 Shaft.

Drifting			*Area of Stopes			+ Area of Drifts			*Reserve Area			*Area Stopped			Area Drifted			Total Area			Copper Rock		Tons Per Sq. Ft.	Level
			Jan. 1, 1908			Jan. 1, 1908			Jan. 1, 1908			During 1907			During 1907			During 1907			Skips Hoisted	Tons Stamped		
N.	S.	Total	n.	S.	Total	n.	S.	Total	n.	S.	Total	n.	S.	Total	n.	S.	Total	n.	S.	Total				
			10550	1700	12250	1944	4240	6184																1
			24800	7600	32400	3576	3778	7024																2
			23150	23400	46550	3704	2544	6248																3
			24750	30700	55450	4608	2216	6824																4
			22900	28950	51850	3752	3176	6928																5
			22200	24150	46350	4664	3040	7704					3600	3600				3600	3600		3510	8160	2.266	7
			18650	27100	45750	4016	3070	7086					8400	8400				8400	8400		1928	4409	0.524	8
			16100	20400	36500	4968	2992	7960					0	0							2827	6450		9
			16800	23500	40300	4512	2512	7024	10000	10940	20940	5000	3600	8600			5000	3600	8600		6563	15054	1.754	10
			24300	14600	38900	5016	3056	8072	13000	12430	25430	9900	3600	13500			9900	3600	13500		9680	21989	1.628	11
140		140	19500	13200	32700	5800	2688	8488	17620	16040	32740	10500	4400	14900	1120		1120	4400	16020	20628	46948	2.930	12	
208		208	10900	11600	22500	6016	2648	8664	21830	19390	41420	12100	7500	19600	1640		1640	13740	7500	21240	16750	38362	1.806	13
407	222	629	5200	8600	13800	4360	3070	7430	66360	26060	91420	5200	8600	13800	3236	1776	5032	8456	10376	18832	17481	39376	2.091	14
440	363	803	1800	800	2600	3520	2320	5840	60100	30160	90260	1800	800	2600	3520	2920	6440	5320	3720	9040	6556	14699	1.626	15
27	10	37				216	80	296	63184	39816	103600				216	80	296	216	80	296				16
																								17
																								18
																								19
																								20
1219	597	1816	249600	236300	485900	60672	41640	102312	242744	153086	395830	44500	40500	85000	9752	4776	14528	54252	45276	99528	85923	195447	1.953	

177 1488

88 412

Sinking 1907 Total 177 1488 x Cutting 1907 Total 88 412 Secondary Drifting 1907 Total [] * Exclusive of Drifts Shaft Pillar = 30ft Drift assumed Floor Pillar = 20ft high

BALTIC MINE

STOPEs AND OPENINGS FOR 1907

Summary for all Shafts

fting	*Area of Stopes		+ Reserve Area	Area			Copper Rock		Tons Per Sq. Foot	Level
	Jan. 1, 1908	Jan. 1, 1908		Stoped During 1907	Drifted During 1907	Total During 1907	S. Kips Hoisted 1907	Tons Stamped 1907		
	5800	7552								1
	56850	19240								2
	113850	32280								3
	158770	30896	68428	11000	11000	8460	19195	1.745		4
	207850	35400	76493	13900	13000	13092	29321	2.255		5
311	212625	37912	125573	21200	2488	23688	13647	30660	1.294	6
660	208600	40224	104238	42800	5280	48080	29477	67449	1.403	7
434	194350	34432	131036	43200	3472	46672	30131	69649	1.278	8
604	150900	35384	158150	42400	4872	47272	35544	80100	1.694	9
636	133700	35064	218972	46300	3088	51388	33409	74904	1.457	10
643	106900	31976	250077	47200	5744	52344	45626	101484	1.940	11
173	79300	28228	284856	4600	9544	54144	49077	112847	2.084	12
930	46400	24632	250254	35500	7440	42940	34108	81373	1.895	13
267	22900	16872	188380	22900	10136	33036	27574	64444	1.924	14
620	3900	13496	214610	3900	12960	16860	11936	27570	1.631	15
331		2648	235054		2648	2648	1075	2352	0.888	16
										17
										18
										19
										20
634	1703135	431136	2306671	374000	69072	443072	333156	761288	1.716	142-142

*Note: 142 Ft. is added to main drifting as it was vein rock, 10th lev. North of N^o 6 shaft.

Sinking	1907	Total	X Cutting	1907	Total	Secondary Drifting	1907	Total	* Exclusive of Drifts	+ Area Increased by new Drifting
	767	5608		266	2580		142	142	Shaft Pillar = 30ft	Floor Pillar = 20ft
									Drift assumed 8ft high	

Summary of Openings

Linear Feet

Year	Sinking	Drifting	Cross Cutting	Sec Drifting	Total
1897	578	1872			2330
1898	595	3034			3629
1899	433	3264	337		4034
1901	492	4326	358		5176
1902	358	5395	391		6144
1903	480	5561	394		6435
1904	658	7204	325		8187
1905	835	7052	250		8137
1906	472	7610	265		8347
1907	767	8634	266		9667
Total	5608	53892	2680		62080

Summary of Stope Areas

Square Feet

Year	Stopes Dec. 31.	Area Stopped	Reserve Dec. 31.	Drifts Dec. 31.	Area Drifted
1897				1812	14496
1898	7600	7600		3034	24272
1899	50900	23300		3264	26112
1901	80100	49200		4326	34608
1902	200350	120250		5395	43160
1903	402900	202550		5561	44488
1904	647675	244775	1797319	7204	57632
1905	976395	328720	1787292	7052	56416
1906	1329195	352800	2019422	7610	60880
1907	1703195	374000	2306671	8634	69072

Summary of Rock Output

Tons Per Sq. Foot

Year	Area Stopped	Area Drifted	Total Area	Tons Stamped	Tons Per Sq. Ft.
1897	7600	38768	46368	33411	0.704
1900	23300	26112	49412	88598	1.793
1901	49200	34608	83808	114703	1.368
1902	120250	43160	163410	280575	1.710
1903	189750	44488	234238	500057	2.134
1904	244775	57632	302407	517601	1.700
1905	328720	56416	385136	604709	1.570
1906	352800	60880	413680	649932	1.571
1907	374000	69072	443072	761288	1.718

ALL LEVELS

1904

Level	Area Stopped	Area Drifted	Total Area	Tons Stamped	Tons Per Sq. Foot
1					
2	3900		3900	8351	2.085
3	16850		16850	17137.7	1.911
4	26900	1572	28472	53695.9	1.390
5	49050	1264	50314	76913.4	1.519
6	53175	7008	60183	103172.7	1.643
7	49300	5768	55068	100500.8	2.007
8	34300	9714	44014	78278.1	1.752
9	10300	11856	22156	37737.6	1.706
10	3700	13760	17460	30568.8	1.756
11		5496	5496	11506.9	2.111
12		504	504		
13					
14					
15					
16					
Total	244775	57632	302407	517601.0	1.700

1905

Level	Area Stopped	Area Drifted	Total Area	Tons Stamped	Tons Per Sq. Ft.
1					
2	3750		3750	6324.0	1.248
3	2200		2200	5033.1	2.288
4	10570	480	11050	17806.7	1.112
5	48850	1824	50674	97501.9	0.977
6	47000	792	47792	68914.8	1.433
7	54500	4368	58868	93277.2	1.584
8	56450	5528	61978	114474.1	1.847
9	44900	7864	52764	98993.6	1.876
10	34200	9720	43920	73431.4	1.672
11	19400	9536	28936	48743.5	1.691
12	1900	13012	15212	23762.1	1.562
13		2992	2992	4909.6	1.641
14					
15					
16					
Total	328720	56416	385136	604709	1.570

1906

Level	Area Stopped	Area Drifted	Total Area	Tons Stamped	Tons Per Sq. Ft.
1	1000		1000	279	
2	700		700	181	0.258
3				229	
4	2900	1536	4436	7647	1.724
5	20500	2848	23348	21228	0.709
6	91600	1768	93368	52660	1.214
7	43500	2816	46316	61246	1.322
8	55300	4240	59540	88780	1.574
9	53300	3376	56676	96226	1.698
10	49500	6256	55756	104635	1.876
11	40300	11800	52100	94390	1.847
12	33300	4768	38068	70005	0.839
13	10900	14200	25100	41694	1.661
14		6736	6736	10732	1.593
15		536	536		
16					
Total	302800	60880	413680	649932	1.571

1907

Level	Area Stopped	Area Drifted	Total Area	Tons Stamped	Tons Per Sq. Ft.
1					
2					
3					
4	11000		11000	19196	1.745
5	13000		13000	29321	2.255
6	21200	2488	23688	30660	1.294
7	42800	5280	48080	67449	1.403
8	43200	3472	46672	69649	1.278
9	42400	4872	47272	80100	1.694
10	46300	5088	51388	74904	1.457
11	47200	5144	52344	101484	1.940
12	44600	9544	54144	112847	2.084
13	35500	7440	42940	81373	1.895
14	22900	10136	33036	64444	1.974
15	3900	12960	16860	27510	1.631
16		2648	2648	2352	0.888
17					
18					
19					
20					
Total	374000	69072	443072	761288	1.718

BALTIC MINE

Summary of Underground Figures

Compiled by	For Year
C. G. HASON	1904
" "	1905
" "	1906
" "	1907

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Adams Township, MI