

STATEMENT SHOWING COMPARATIVE COST OF ALL EXPLOSIVES  
USED AT SOFT ORE MINES

	1 9 4 4	1 9 4 5	1 9 4 6	1 9 4 7
PRODUCT - Tons .....	2,700,228	2,562,695	2,143,676	3,286,638
<u>POWDER</u>				
Pounds - 40%.....		150	100	7,897
50% .....	815			
60% .....	74,070	37,457	33,125	13,325
80% .....				3,206
1X and 2X Hercomite ...	1,092,650	1,093,650	896,138	1,195,381
1X and 2X Gelamite ....				137,100
Total Pounds - Powder .....	1,168,535	1,094,659	929,363	1,356,909
Total Cost - Powder .....	\$ 134,423.51	125,861.91	113,896.57	184,282.70
Fuse - Feet .....	4,190,851	3,824,987	3,082,459	4,377,420
Caps - Number .....	599,138	541,726	421,489	550,703
Leading Wire - Feet .....	4,000	4,500	17,750	112,510
Connecting Wire - Pounds .....	172	72	62	96
Tamping Bags - Number .....	96,450	86,295	62,350	36,000
Tamptite Shells .....				38,950
Powder Bags .....	93	127	137	170
Fuse Lighters .....	121,084	105,700	96,900	124,300
Electric Exploders .....	11,619	4,074	9,381	15,291
Master Fuse Lighters .....	1,548	2,000	1,000	
Total Cost, Fuse , Caps, etc \$	31,530.09	28,557.13	25,792.30	45,871.33
Total Cost, All Explosives \$	165,953.60	154,419.04	139,688.87	230,154.03
Average Price per Pound - Powder \$	.1150	.1150	.1226	.1358
Cost per Ton - Powder .....	\$ .0498	.0491	.0531	.0561
Cost per Ton - Fuse, Caps, etc ..	\$ .0117	.0112	.0121	.0139
Cost per Ton - All Explosives ..	\$ .0615	.0603	.0652	.0700
Pounds of Powder per ton of Ore	.4328	.4271	.4335	.4128

1947 The mines included in 1947 figures are Athens, Cambria Jackson, Lloyd, Maas, Mather A and Negaunee.

The Production increased 1,142,962 tons or 53% in 1947, compared with 1946 - Production in 1946 was low due to mines being idle February 8th to May 22nd.

The average price per pound for Powder increased .0132 or 10.7% compared with 1946, and .0208 or 18% over 1945.

The cost per ton for all explosives increased .0048 or 7.3% over 1946

JSM:RN  
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