

STOPE RECORDS (FROM ART'S SUMMARY)

WEST STOPES

STOPE	TONS. TO DATE	GRADE			METAL CONTENT
		Ag	PB	Zn	OZ. Ag
4690-8	^{3 3 2} 2367	14.7	5.4	7.3	34877
4690-9	5653	20.1	9.1	7.2	
4690-10	4931	17.3	5.7	6.6	
4690-11	4777	31.0	11.9	8.0	
4755-7	1055	8.6	4.3	3.0	
4755-9	814	12.6	4.4	5.4	
TOTAL, WEST 19,597					

EAST STOPES

4690-12	^{3 4} 2459	9.4	4.4	4.0
4690-13	2189	12.0	5.0	4.2
4690-14	1101	10.7	3.0	4.8
4755-2	3651	20.8	4.2	7.8
4755-3	510	11.9	4.8	7.0
4755-4	2370	13.6	5.9	5.8
4755-8	3787	19.6	6.4	6.4
4755-10	1197	14.3	3.1	5.2
4755-11	360	10.4	2.7	6.7
4755-10A	56	20.1	10.1	6.8
TOTAL, EAST 17,680				

GROSS STOPES 37,277

GROSS MINE: 43,674 18.2 6.9 6.5 to Sep. 30/71

Gross Production to Jan 15/72:

$43,674 \times 18.2 = 794,000$ $\times 6.9 = 301,200$ $\times 6.5 = 284,000$

add 3 1/2 mo - $8,326 \times 17.0 = 141,500$ $\times 6.0 = 50,000$ $\times 6.5 = 54,100$

@ 2500/ton 52,000 935,500 351,200 338,100

avg. 52000 ton 18.0 6.75 6.5

4690 - 8

- WEST

Aug	360	360	13.7	5.4	76	4932	1944	2736
Sept	415	775	10.3	4.7	109	4274	1950	4523
Oct	117	892	11.3	6.9	6.7	1322	807	784
Nov	-	-	-	-	-	-	-	-
Dec	-	-	-	-	-	-	-	-
Jan	-	-	-	-	-	-	-	-
Feb	-	-	-	-	-	-	-	-
Mar	-	-	-	-	-	-	-	-
Apr	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-
June	-	892	-	-	-	-	-	-
July	495	1387	8.6	4.3	58	4257	2128	2871
Aug	544	1931	18.9	5.1	7.2	10282	2779	3924
Sept	436	2367	23.5	7.4	55	9810	3226	2398
						<u>34877</u>	<u>12834</u>	<u>17236</u>
		2367	14.7	5.4	7.3	<u>74.1</u>		

8 by Aug. 34877 7.3

14.7 x 1.40 = 20.58

108 x 10 = 10.80

Ch Pb = 256680

= 7.30

Gr 344720 17.2

38.68

601,400

4690-9

- WEST

	in	total							
Aug									
Sept									
Oct	212	212	17.7	8.4	8.3	3752	1781	1760	
Nov	476	688	20.6	11.1	6.7	9806	5285	3189	
Dec	769	1457	21.5	10.5	6.8	16533	8074	5229	
Jan	721	2178	22.8	11.6	6.7	16239	8364	4821	
Feb	647	2825	23.8	12.1	9.8	15399	7829	6341	
Mar	597	3422	24.0	6.1	9.9	14328	3642	5910	
Apr	365	3787	13.4	6.0	5.0	4891	2190	1824	
May	202	3989	13.4	5.5	5.0	2707	1111	1091	
June	453	4442	15.0	7.3	5.3	6795	3307	2401	
July	398	4840	21.2	9.0	6.2	8437	3582	2067	
Aug	608	5448	19.5	8.0	7.5	11856	4862	4560	
Sept	205	5653	13.9	6.3	5.0	2849	1291	1025	
						113792	51318	40629	
		5653	20.1	9.1	7.2	1.26	11		

Ag. 113792

9.0

$20.1 \times 1.40 = 28.14$

$182 \times 10 = 18.20$

$16 Ph = 1.026.360$

$92 - \frac{812580}{1838940} = 16.1$

$\frac{28.14}{5} = 7.20$
 $\frac{18.20}{5} = 3.64$
 $7.20 + 3.64 = 10.84$

4690 - 10 WEST

	Time	Lat	Long	Wind	Temp	Pressure	Bar	Wind
Aug	910	910	18.3	4.1	5.7	16653	3931	5187
Sept	313	1223	10.5	4.2	7.0	3286	1315	2191
x Oct	235	1458	6.7	1.7	7.0	1574	399	1645
Nov	467	1925	20.6	11.1	6.7	9620	5184	3129
Dec	50	1975	16.4	6.7	6.7	820	335	335
Jan	738	2713	17.1	6.4	6.7	12620	4723	4945
Feb	392	2105	18.2	5.5	8.7	7134	2156	3410
Mar	472	3577	21.2	3.6	8.9	10006	1699	4201
Apr B	685	4262	19.3	7.7	5.1	13720	5274	3493
Apr C	213	4475	20.2	4.2	8.0	4303	895	1704
May	331	4806	13.9	5.6	4.8	4601	1854	1589
x June	125	4931	10.8	4.5	5.7	1350	562	712
July	-							
Aug	-							
Sept	-	4931						

85187 28127 32541

4931 - 17.3 57 66 86 : 1

of Ag = 85187 6.6 173 x 1.40 24.22

114 x 10 11.40

th Pb = 562.540

= 6.60

gn - 650.820 14.2

42.22

1213360

A690-11 - WEST

Camp
Sept

Oct	307	307	33.8	15.9	6.3	10377	4881.	1934
Nov	465	772	38.2	14.9	6.2	17763	6928.	2883
Dec	270	1042	30.0	16.7	5.0	8181	4509	1350
Jan	405	1447	30.8	17.5	8.0	12474	7087	3240.
Feb	357	1804	32.2	20.5	7.0	11495.	7318	2499
Mar	442	2246	28.7	15.8	6.7	12685	6984	2962
Apr	190	2436	37.5	21.9	7.3	7125	4161	1387
May	380	2816	19.2	10.6	6.1	7296	4028.	2318
June	557	3373	24.7	3.1	10.3	13758	1727	5737
July	357	3730	38.1	4.0	10.5	13602	1428	3748
Aug	479	4209	42.8	11.0	11.0	20501	5269	5269
Sept.	568	4777	22.6	5.1	8.9	12837	2897	5055

148094 59217 38 382

4777 310 119 8.0

6.5:1

by Aug. 148094 7.7

$31.0 \times 1.40 = 43.40$

$238 \times 10 = 2380$

by Ph = 1144340

8.00

Jan - 767 640 12.9

175.20

1,911,980

4755-7 WEST

	hrs	L. desc							
Aug	-								
Sept	-								
Oct	-								
Nov	-	-	-						
Dec	151	151	24.4	13.2	4.6	3684	1993	695	
* Jan	212	363	6.4	5.0	2.7	1357	1060	572	
Feb	-	363	-						
* Mar	238	601	5.1	2.2	2.7	1214	524	643	
* Apr	354	955	5.1	1.7	2.3	1805	602	814	
* M.	91	1046	10.3	3.5	4.7	937	318	423	
* June	9	1055	10.0	4.1	4.8	90	36	40	
July	-		-			9087	4533	3187	
Aug	-		-						
Sept	-	1055							
		1055	8.6	4.3	3.0	1421			

Ag - 9087 100 86 x 1.40 1204

86 x 10 860

Pb - 90660 16.9
63740
 26920

- 3.00
8
 2364

4755-9 - WEST

Aug
Sept
Oct
Nov
Dec
Jan
Feb

Mar -

Apr	711	-							
x W	515	515	10.3	3.5	4.7	1304	1804	2420	
Jan	198	713	15.6	4.2	6.2	3089	871	1267	
July	34	747	14.7	7.2	7.2	500	245	245	
Aug	67	814	20.3	10.2	6.9	1360	683	464	
Sept	-	814				1 -	-	-	
						10253	3601	4394	
		814	12.6	4.4	5.4	182.1			

by Ag - 10253 7.0

126 - 140 17.64

88 - 10 = 8.80

Ch Ph - 72020

= 540

Zn - 87880 15.6

x 31.84

159900

4690 - 12 EAST

	tons	to det				Ag	Pb	Zn
Aug	-							
Sept	-							
Oct	70	70	10.4	7.8	3.5	728	546	245
? Nov	49	119	8.5	6.3	2.9	416	309	144
Dec	-							
Jan	-							
* Feb	192	311	9.4	4.9	3.5	1805	941	674
Mar	386	697	10.4	5.2	3.9	4014	2007	1505
* Apr	302	999	8.6	4.1	3.6	2597	1238	1087
* May	390	1339	9.1	4.2	3.0	3529	1638	1170
June	477	1866	11.8	4.3	5.3	5629	2051	2528
* July	274	2140	6.8	2.6	3.9	1863	712	1068
* Aug	206	2326	7.7	6.0	4.7	1586	1236	968
Sept	113	2459	7.8	3.3	3.5	881	260	395
						23068	10938	9780
		2459	9.4	4.4	4.0		11200	Pb: Zn

Ag = 23068

Pb: Ag = 9.48

$94 \times 140 = 13.16$
 $88 \times 10 = 8.80$
 $80 \times .5 = 4.00$
25.9

Ums Pb = 218760

Ums Pb - Zn : Ag = 17.9

Zn = 195600
514360

1.20

.10

.5

4690-13 - EAST

	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar		
x Aug	211	211	11.9	3.6	3.3	2511	760	696		
x M.	185	396	10.1	4.8	3.5	1868	888	647		
+ June	508	904	12.6	6.0	4.0	6501	3048	2032		
+ July	384	1288	13.7	5.1	4.6	5261	1958	1766		
+ Aug	487	1775	8.6	3.5	3.9	4188	1704	1899		
Sept	414	2189	14.3	6.1	5.3	5920	XIX	2190		
						26149	10883	9234		
		2189	12.0	5.0	4.2		11811			

Aug = $\frac{26149}{3} = 8716.33$

$12.0 \times 1.40 = 16.80$

$150 \times 10 = 1500$

Un Pb = 217660

$82 \times 5 = 410$

Jan = $\frac{184680}{3}$

$\frac{410}{3} = 136.67$

$\frac{402340}{3} = 134113.33$

4690- 14 - EAST

Aug
Sept
Oct
Nov
Dec
Jan
Feb
Mar -
Apr -

? M	88	88	9.5	5.3	3.2	936	466	281
x June	68	156	4.6	4.3	4.8	313	792	326
+ July	166	322	9.9	2.7	3.2	1653	448	464
+ Aug	343	665	9.7	2.7	4.1	3327	926	1406
Sept	436	1101	12.9	2.7	6.6	5624	1177	2877
						11743	3309	5454
		1101	10.7	3.0	4.8	16541		

$$10.7 \times 1.40 = 14.98$$

$$60 \div 10 = 6.00$$

$$96 \div 5 = 2.80$$

$$\begin{array}{r} 2.80 \\ + 14.98 \\ \hline 17.78 \end{array}$$

$$\text{Ag. 13.} \quad 11743 \quad = 5.6$$

$$\text{Lb Pb} = 66180$$

$$\begin{array}{r} \text{Lb Zn} \quad 109080 \\ \hline 175260 \end{array} = 14.9$$

4755-2

EAST

	Am	to date						
Aug	316	316	25.4	2.0	10.3	8026	632	3255
Sept	1065	1381	18.8	1.9	9.1	20022	2023	9691
Oct	759	2140	26.7	4.6	8.9	20265	3491	6755
* Nov	358	2498	9.5	3.3	4.7	3201	1181	1683
Dec	378	2876	14.9	5.2	4.9	5632	1966	1852
Jan	213	3089	24.3	13.0	5.3	5176	2769	1129
Feb	541	3630	24.5	5.7	7.2	13254	3084	4003
* Mar	21	3651	6.6	3.5	5.0	138	73	10.
Apr	-	3651	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-
June	-	-	-	-	-	-	-	-
July	-	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-	-
Sept	-	3651	-	-	-	-	-	-

75911 / 15219 28378

3651 20.8 4.2 7.8 59.1

13 Aug = 75911 4.0

20.8 x 140 = 29.12
 84 x 10 = 8.40
 156 x 5 = 7.80
 * 45.32

6 Ph 304380
 6 Jan 567560
871940 11.5

4755 - 3

EAST.

Aug	60	60	48.7	26.1	6.7	2922	1566	402
Sept	322	442	21.2	12.0	7.0	8098	4584	2674
Oct	572	1014	22.9	7.7	7.6	13099	4404	4347
Nov	531	1545	18.8	9.3	6.0	9982	4938	3186
Dec	787	2332	23.4	11.6	5.4	18419	9129	4250
Jan	640	2972	25.1	11.1	6.9	16064	7104	4416
Feb	590	3562	15.5	7.0	5.4	9145	4130	3186
Mar	927	4489	19.8	10.9	6.8	18352	10104	6304
Apr	198	4687	28.9	14.0	8.1	5722	2772	1604
May	-	-	-	-	-	-	-	-
June	-	4687	20.7	10.4	6.5	101807	48731	30369
July	-	4687	-	-	-	116:1	-	-
3w. Aug	56	4743	14.8	7.5	5.8	829	420	321
3w. Sept	454	5177	11.6	4.5	7.2	5266	2043	3269
						6095	2463	3594
		510	11.9	4.8	7.0	6931		

Aug Aug = 101.807 = 9.5 $20.7 \times 146 = 2898$ 6095 = 8.1 $11.9 \times 140 = 1666$

$208 \times 10 = 2080$
 $130 \times 5 = 650$
 $96 \times 10 = 960$

16 Ph = 974620

$56 \times 28 = 1568$
 $56 \times 29 = 1624$
 $56 \times 30 = 1680$
 $56 \times 31 = 1736$
 $56 \times 32 = 1792$
 $56 \times 33 = 1848$
 $56 \times 34 = 1904$
 $56 \times 35 = 1960$
 $56 \times 36 = 2016$
 $56 \times 37 = 2072$
 $56 \times 38 = 2128$
 $56 \times 39 = 2184$
 $56 \times 40 = 2240$

$140 \times 5 = 700$

10 Sp = $\frac{607380}{1582000}$ 15.5

$\frac{71950}{121340} = 19.9$ 33.26

4755- 4 - EAST

x Aug	45	45	2.1	0.3	7.1	94	13	319.
Sept	-	45	-					
x Oct	46	91	5.6	4.4	5.2	258	202	239
Nov	673	764	14.2	5.3	6.2	9556.	3567	4173.
Dec	712	1476	17.4	8.0	5.6	12388	5696	3987
Jan	566	2042	13.6	5.9	5.8	7697	3339	3283.
† Feb	328	2370	7.0	3.7	5.5	7296	1214	1804.
Mar	-	2370	-					
Apr	-							
May	-							
June	-							
July	-							
Aug	-							
Sept	-	2370						

32289 14031 13805

2370 13.6 5.9 5.8 102 : 1

Ag = 32289 - 8.7 13.6 x 1.40 = 19.04

118 x 10. = 11.80

Pb = 280620 116 x 5 = 5.80

Sn = 276100 17.2

556720

3664

4755-8 - EAST

to date

Aug	-								
Sept									
Oct									
Nov									
Dec	-								
Jan	-								
Feb	-								
Mar	469	469	19.6	5.5	5.6	919 ✓	2579	2626	
Apr	766	1235	252	4.8	5.0	19303	3677.	6128	
M.	623	1858	16.4	3.0	5.2	10217	1869	3240	
June	648	2506	11.6	2.2	6.6	7517	1426	4277	
July	553	3059	24.2	15.0	6.9	13383	8295	3816	
Aug	728	3787 ✓	19.7	7.6	5.6	1434 ✓	5533	4077	
Sept	-	3787							
						73954	24379	24164	
		3787	19.6	6.4	6.4	11.1			

to Aug. - 73 954

6.6

$$19.6 \times 1.40 = 27.44$$

$$128 \times 10 = 12,80$$

$$= 6.40$$

$$\times 46.64$$

to Ph = 487580

to Ju = 483280

970860

13.1

4755-10 - EAST

Aug
 Sept
 Oct
 Nov
 Dec
 Jan
 Feb
 Mar
 Apr

M.	329	329	14.5	1.7	5.6	4770	559	1842
June	173	502	19.0	1.8	4.6	3287	311	796
July	29	531	19.2	1.8	4.4	557	52	128
x Aug	67	598 ✓	51	1.4	39	342	94	261
Sept	543	1141	13.0	3.9	5.2	7059	2118	2873
	56	1197	20.1	10.1	6.8	1725	565	381
						16015	2134	5850
						17140	3699	6231
		1141	14.0	2.7	5.1			
		1197	14.3	3.1	5.2			5911

13 Aug. 16015 3.9 17140 4.3 $14.3 \times 140 = 2002$
 16. 62680 $62 \sim 10 \quad 620$
 30 117000 11.2 124620 $= 520$
 179680 198600 11.6 3142

4755-11 - EAST

Aug								
Sept								
Oct								
Nov								
Dec								
Jan								
Feb								
Mar								
Apr								
May								
June								
July	294	294	11.9	3.1	7.4	3099	911	2175
x Aug	66	360	3.7	1.1	3.6	204	73	237
Sept	-	360						
						3743	984	2412
		360	10.4	27	67	4121		

By Ag. 3743

5.2

10.4 x 140 14.56

54 x 10 5.40

1/2 P₃ - 19680

1/2 P₂ - 48240 18.1

67920

6.70
26.66