

I hereby certify that the samples assayed for
gave the following results:

George E. Collins

NO.	DESCRIPTION	GOLD OZ. PER TON	SILVER OZ. PER TON	COPPER PER CENT (WET) ELECTRIC	LEAD PER CENT (WET) (FIRE)	SILICA PER CENT (INSOLUBLE)	IRON PER CENT	ZINC PER CENT	BIARIUM SULPHATE PER CENT	LIME PER CENT	MANGA- NESE PER CENT	REMARKS
<i>a</i>		<i>0.22</i>	<i>6.7</i>									
<i>B</i>		<i>0.14</i>	<i>64.1</i>									
<i>363</i>		<i>trace</i>	<i>1.4</i>		<i>9.3</i>							<i>Palmetto</i>
<i>364</i>		<i>0.06</i>	<i>1.7</i>		<i>22.0</i>							
<i>365</i>		<i>0.46</i>	<i>1.5</i>		<i>9.2</i>							<i>363 to 409 Highland Chief</i>
<i>366</i>		<i>trace</i>	<i>1.5</i>		<i>2.7</i>							
<i>367</i>		<i>0.06</i>	<i>3.1</i>		<i>28.3</i>							
<i>368</i>		<i>none</i>	<i>0.4</i>		<i>2.4</i>							
<i>369</i>		<i>0.42</i>	<i>4.9</i>		<i>34.3</i>							
<i>370</i>		<i>0.04</i>	<i>0.6</i>		<i>3.0</i>							
<i>371</i>		<i>0.02</i>	<i>0.4</i>		<i>trace</i>							
<i>372</i>		<i>0.04</i>	<i>0.6</i>		<i>6.5</i>							
<i>373</i>		<i>0.08</i>	<i>1.6</i>		<i>12.2</i>							
<i>374</i>		<i>none</i>	<i>0.9</i>		<i>trace</i>							
<i>375</i>		<i>0.02</i>	<i>0.3</i>		<i>5.6</i>							
<i>376</i>		<i>0.06</i>	<i>1.0</i>		<i>7.0</i>							
<i>377</i>		<i>0.06</i>	<i>1.9</i>		<i>11.0</i>							
<i>378</i>		<i>trace</i>	<i>1.0</i>		<i>1.6</i>							
<i>379</i>		<i>trace</i>	<i>2.6</i>		<i>33.7</i>							
<i>380</i>		<i>none</i>	<i>2.5</i>		<i>29.0</i>							
<i>381</i>		<i>trace</i>	<i>0.9</i>		<i>9.0</i>							
<i>382</i>		<i>0.10</i>	<i>0.7</i>		<i>5.0</i>							
<i>383</i>		<i>0.02</i>	<i>0.4</i>		<i>0.4</i>							
<i>384</i>		<i>trace</i>	<i>0.3</i>		<i>0.9</i>							

GOLD AT PER OUNCE CHARGES
SILVER AT PER OUNCE \$.....
LEAD AT PER CENT.
COPPER AT PER CENT.

J. W. Richards
ASSAYER

ASSAY OFFICE AND
CHEMICAL LABORATORY OF

J. W. RICHARDS 1118 NINETEENTH STREET

ORE SHIPPERS' AGENT
WRITE FOR TERMS

Denver, Colo., July 27 1916

I hereby certify that the samples assayed for
gave the following results:

George C. Collins

NO.	DESCRIPTION	GOLD OZ. PER TON	SILVER OZ. PER TON	COPPER PER CENT (WET) ELECTRIC	LEAD PER CENT (FIRE)	SILICA PER CENT (INSOLUBLE)	IRON PER CENT	ZINC PER CENT	BARIUM SULPHATE PER CENT	LIME PER CENT	MANGA- NESE PER CENT	REMARKS
385		trace	0.6		10.9							
386		trace	0.3		1.9							
387		0.04	0.4		1.5							
388		0.10	2.4		27.2							
389		0.04	0.8		8.3							
390		0.04	2.0		19.5							
391		0.06	1.9		27.5							
392		0.06	0.7		2.5							
393		0.04	2.0		7.6							
394		0.14	2.1		13.7							
395		0.01	4.4		1.5							
396		trace	0.4		0.2							
397		trace	0.5		3.2							
398		0.08	1.0		9.6							
399		trace	1.4		1.7							
400		0.01	1.7		1.9							
401		trace	1.2		0.2							
402		0.01	0.6		2.0							
403		0.01	0.8		2.7							
404		trace	4.8		3.6							
405		0.04	1.7		15.7							
406		0.08	2.8		25.8							
407		0.01	0.8		0.6							
408		0.02	0.5		1.4							

GOLD AT PER OUNCE CHARGES
SILVER AT PER OUNCE \$.....
LEAD AT PER CENT.
COPPER AT PER CENT.

116
187 95.5 65
20

J. W. Richards
ASSAYER

MINE
CONC. MILL
STATIC MILL

The Mary Murphy Gold Mining Company

AUG 1 Rec'd

ASSAY CERTIFICATE

A. G. Wolf

Romley, Colo., *July 30 - 1916*

I hereby certify that the samples submitted to me for assay, and marked as below, returned the following results, viz

SAMPLE MARK	OZ. PER TON		PERCENTAGE					WIDTH INCHES	REMARKS
	GOLD	SILVER	LEAD <i>Wet</i>	ZINC	COPPER	FE.	INSOL.		
}	.06	1.9	10.9		0.4	5.2		<i>Highland Chief Stope " " Floor</i>	
	.08	1.9	5.5		0.3	5.3			
<i>→ composite of samples cut.</i>									

NOTE:—Unless specially instructed, all mine lead assays to be by the fire method; all mill lead assays by the wet method. Report gold results to two places of decimals; all other assays to one place only.

L. M. Leavick

ASSAYER AND CHEMIST.

ASSAY OFFICE AND
CHEMICAL LABORATORY OF

J. W. RICHARDS 1118 NINETEENTH STREET

ORE SHIPPERS' AGENT
WRITE FOR TERMS

Denver, Colo., July 31 1916

I hereby certify that the samples assayed for
gave the following results:

George E. Collins

NO.	DESCRIPTION	GOLD OZ. PER TON	SILVER OZ. PER TON	COPPER PER CENT (WET) ELECTRIC	LEAD PER CENT (WET) (FIRE)	SILICA PER CENT (INSOLUBLE)	IRON PER CENT	ZINC PER CENT	BARIUM SULPHATE PER CENT	LIME PER CENT	MANGA- NESE PER CENT	REMARKS
<i>Comp. 366-391</i>	<i>Stops</i>				<i>Fire</i> <i>11.5</i>							<i>Highland Chief</i>
	<i>"</i>				<i>wet</i> <i>12.7</i>							
<i>" 392-409</i>	<i>Film</i>				<i>Fire</i> <i>5.7</i>							
	<i>"</i>				<i>wet</i> <i>7.46</i>							

GOLD AT PER OUNCE CHARGES
SILVER AT PER OUNCE \$.....
LEAD AT PER CENT.
COPPER AT PER CENT.

J. W. Richards
ASSAYER