

# **Exploration of the Bunker Hill Mine Project, near Kellogg, Idaho for Lead, Silver, and Zinc**

**Prepared for:**

**Azteca Gold Corporation, Inc.  
Suite 315, 8921 N. Indian Trail Rd  
Spokane WA, U.S.A., 99208**

**Prepared by:**

**Edward Brennan, Consulting Geologist  
2/62 Cordelia St. South Brisbane Qld 4101 Australia  
PO Box 874 Spring Hill Qld 4004 Australia  
Phone: (61) (07) 38444052  
Email: eedwardb@bigpond.net.au**

**Nicole Preuss, Geology Manager  
4207 E. Rowan Ave  
Spokane, WA 99217  
Phone: 509-714-6126  
Email: npreuss@m2tsi.com**

**July 12, 2007**

## TABLE OF CONTENTS

	Page Number
1.0 SUMMARY	4
2.0 INTRODUCTION AND TERMS OF REFERENCE	4-5
3.0 RELIANCE ON OTHER EXPERTS	5
4.0 PROPERTY DESCRIPTION AND LOCATION	5-7
5.0 ACCESSIBILITY, CLIMATE, INFRASTRUCTURE, AND PHYSIOGRAPHY	7
6.0 HISTORY	7-13
7.0 GEOLOGICAL SETTING	13-14
7.1 REGIONAL GEOLOGY	13
7.2 LOCAL GEOLOGY	13-14
8.0 DEPOSIT TYPE	14
9.0 MINERALIZATION	14-15
10.0 EXPLORATION	15
11.0 DRILLING	15
12.0 SAMPLING METHOD AND APPROACH	15
13.0 SAMPLE PREPARATION, ANALYSES, AND SECURITY	16
14.0 DATA VERIFICATION	16
15.0 ADJACENT PROPERTIES	16-17
16.0 MINERAL PROCESSING AND METALLURGICAL TESTING	17
17.0 MINERAL RESOURCE AND MINERAL RESERVE ESTIMATES	17
18.0 OTHER RELEVANT DATA AND INFORMATION	17
19.0 INTERPRETATIONS AND CONCLUSIONS	17
20.0 RECOMMENDATIONS	18
21.0 REFERENCES	19
22.0 SIGNATURE AND DATE	20
23.0 STATEMENT OF QUALIFICATIONS	21-23

APPENDIX A – Shoshone County Assessor list of Bunker Hill Mine Claims

APPENDIX B - Bunker Hill Special Collections from University of Idaho

## LIST OF FIGURES

**Figure 1:** List of Townships, Ranges, and Sections associated with the Bunker Hill Mine.

**Figure 2:** Claim block outline of the property owned by the Bunker Hill & Sullivan Mining & Smelting Company.

**Figure 3:** 1982 Bunker Hill total ore reserves.

**Figure 4:** 1982 Quill ore body reserves.

**Figure 5:** 1982 Newgard ore body reserves.

**Figure 6:** 1984 Bunker Hill total ore reserves compiled from information in R. Russell report.

**Figure 7:** 1988 ore reserve from as calculated by Bunker Hill staff.

**Figure 8:** Redistributed ore reserves as defined by Cominco Engineering Services, LTD from the 1989 CESL report. Note the asterisk (\*) under Silver Total is the average grade excluding drill indicated reserves.

**Figure 9:** Summary of Sweeny Area ore resources.

**Figure 10:** Production statistics for Wardner sub-district, excluding Bunker Hill production.

**Figure 11:** Production statistics from Coeur d'Alene Mining District properties hosted by the Revett and St. Regis Formations.

**Figure 12:** Work programs and associated cost estimates.

## 1.0 SUMMARY

This report provides a summary of the physical setting, geology, and mining history of the Bunker Hill Mine Project and provides recommendations for exploration. The report was prepared at the request of Azteca Gold Corporation, Inc. so as to conform to National Instrument 43-101.

The Bunker Hill Mine Project is situated in the Coeur d'Alene Mining District, Shoshone County, Idaho. The main host rocks for the deposit are quartzites of the Revett Formation of the Ravalli Group. There are 3 main ore types, Bluebird, Jersey, and Hybrid. All ore types contain varying amounts of lead, silver, and zinc.

It is recommended that surface and underground diamond core drilling, geochemical rock chip sampling, and an assessment of the historical mining data be undertaken.

## 2.0 INTRODUCTION AND TERMS OF REFERENCE

This technical report has been prepared at the request of Azteca Gold Corporation, Inc., an entity with offices at Suite 315, 8921 North Indian Trail Road, Spokane WA, U.S.A., 99208. Azteca Gold Corporation Inc is a publicly traded corporation in Canada (AZG.V on the TSX-V), and has been in business since December 1, 2006.

The report concerns the Bunker Hill Mine Project near Kellogg, Idaho, U.S.A.

The report reviews the ownership of the Bunker Hill Mine Project, previous mining operations, the onsite infrastructure, and the geology and mineralization at Bunker Hill. **Much of the documentation from previous mining operations and exploration programs, however, is not available.** This Technical Report is based on third party reports, published reports made by persons and entities cited below, and by field examination of the Bunker Hill Mine Project.

On May 10, 2007 Nicole Preuss toured the accessible underground portion of the Bunker Hill Mine, with the Vendor and others. The Kellogg Tunnel and the immediate service areas adjacent to it appeared to be in good to fair working order. Access to the ore faces or any working tunnels was not granted.

On May 21, 2007 Ted Brennan and Nicole Preuss met with the Vendor of the New Bunker Hill Mine. **The Vendor showed the location where cross sections and mine level maps were stored in the Bunker Hill mine office. The author was not allowed to thoroughly examine any cross sections or maps of the mine. Nor was the author allowed to remove cross section or maps for closer evaluation. Some of the documents that were discussed during the meeting were released to the authors via the Vendor's attorney, and have been used to compile this report.** The Vendor has not reviewed this report for accuracy.

Most of the information about the property and surrounding areas are given in United States terms and units although metric units are also used at times. References to currency are always in United States dollars.

The Bunker Hill Mine Project is situated within the Coeur d'Alene mining district, Shoshone County, Idaho. While Bunker Hill is a historical mining operation, it has been out of production

for some time and for the purposes of this report will be considered an exploration property. The property contains lead, silver, and zinc mineralization.

### **3.0 RELIANCE ON OTHER EXPERTS**

The author has relied to some extent on geological, engineering, metallurgical, legal, environmental and other reports and documents completed by others, as well as opinions from other persons. Some of these persons are not “qualified” in the terms of the definition of NI 43-101. This report draws substantially on a report by Cominco Engineering Services LTD, September 1989, An Economic Evaluation of the Bunker Hill Operation of Bunker Hill Mining Co. (U.S.) Inc., 24p.; a report by Russell, R. L., July 1984, Plan for Re-establishing Production at the Bunker Hill Mine, Review of Bunker Limited Partnership Consensus Plan, 94p.; a book by Aiken, K. G., 2005, Idaho’s Bunker Hill The Rise and Fall of a Great Mining Company, 1885-1981, University of Oklahoma Press, 284 p. Information was also drawn from Bennett, E. H. & Venkatakrishnan, R., 1982, A Palinspastic Reconstruction of the Coeur d’Alene Mining District Based on Ore Deposits and Structural Data, Economic Geology, V. 77, pp1851-1866; Leach, D. L., Landis G. P., & Hofstra, A. H., 1988, Metamorphic origin of the Coeur d’Alene base – and precious-metal veins in the Belt basin, Idaho and Montana, Geology, V. 16, pp. 122-125; and Meyer, R. L., 1981, Geology of the Bunker Hill Mine, a brief description, Internal Bunker Hill document, 5p. Additionally, this technical report draws on information derived from personal communications with the current owner and Dwight Juras. Some of the opinions expressed in this report are those of others persons and if so are cited.

### **4.0 PROPERTY DESCRIPTION AND LOCATION**

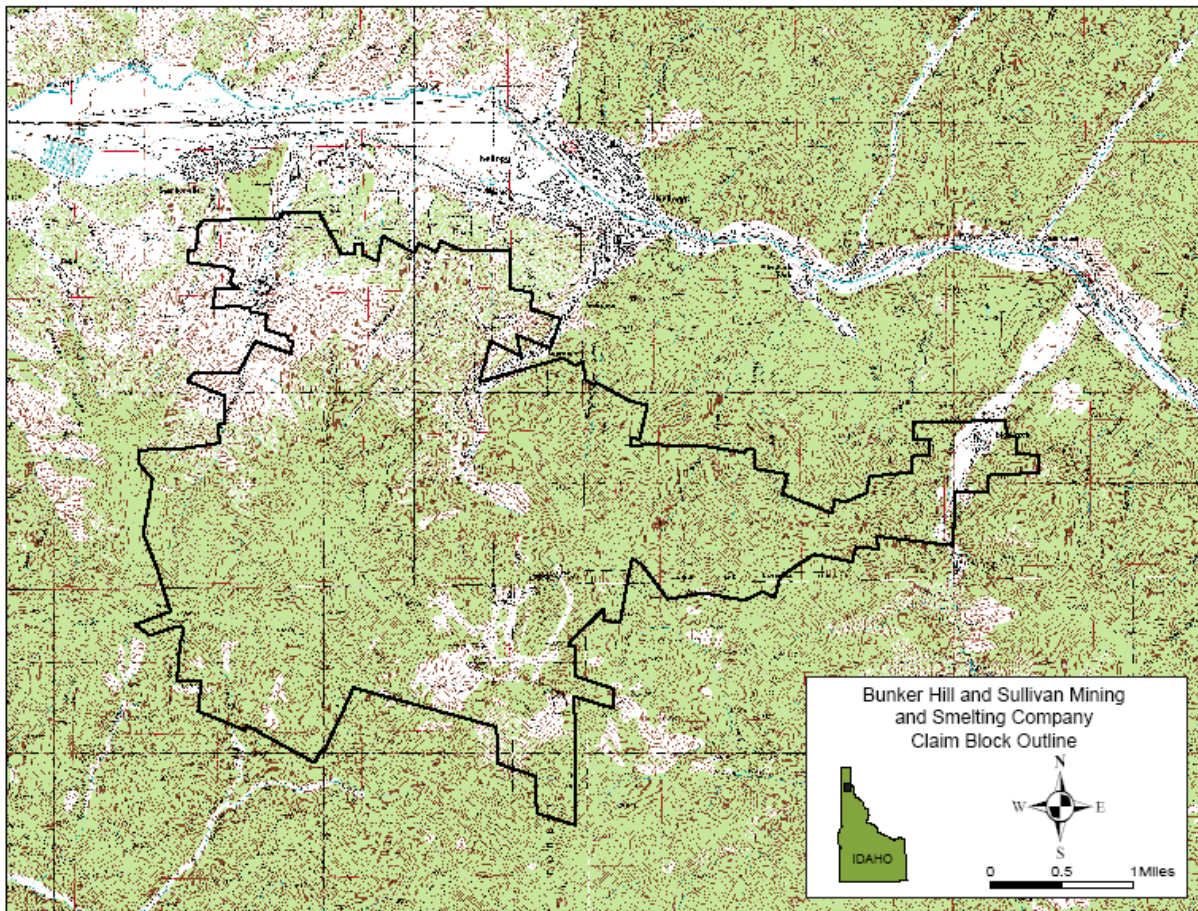
Azteca Gold Corporation is entering into an option to purchase 100% of the Bunker Hill property. The details of this transaction are currently being negotiated. The Bunker Hill Mine is comprised of 518 mining claims. The claims are located in numerous sections of six different Townships and Ranges. Figure 1, below lists the Township, Range and Sections associated with the Bunker Hill Mine. A detailed list of the mine claims including Parcel, Survey Number, Name, and Locations, along with other information is located in Appendix A. The information in Appendix A was acquired from the Shoshone County Assessor’s Office in Wallace, Idaho. Figure 2 is an outline of the mine claim block as it was when the Bunker Hill & Sullivan Mining and Smelting Company owned the property. The Vendor presented this outline map to Azteca Gold Corporation as an example of what is owned by the New Bunker Hill Company, but the Vendor did not confirm its accuracy. It has been overlaid on the area topography. Azteca has not physically surveyed the property and is relying on the map presented by the current owner, and a title opinion conducted on behalf of Azteca Gold Corporation by Evans, Keane Attorneys At Law, Kellogg, Idaho.

A map showing the location of surface facilities was provided by the Vendor, but is out of date, unreadable, and missing a scale bar, and would therefore be misleading to present in this report. Once access is granted to the property an up-to-date map showing all the current surface facilities will be developed.

**Figure 1:** List of Townships, Ranges, and Sections associated with the Bunker Hill Mine.

Township	Range	Sections
47 N	3 E	1, 2,3
48 N	2 E	1,2,3,10,11,12,14,15,22,23,24,25,26,35
48 N	3 E	3,6,7,8,10,13,15,16,17,18,19,20,29,30
49 N	2 E	23,26,34
49 N	5 E	30
50 N	5 E	31

**Figure 2:** Claim block outline of the property owned by the Bunker Hill & Sullivan Mining & Smelting Company.



Azteca Gold Corporation is not aware of any royalties, back-in rights payments, or other agreements and encumbrances to which the Bunker Hill property is subject. The EPA is currently in litigation with the current owners of the Bunker Hill Mine, in the U.S. District Court in Idaho. In that litigation the EPA is seeking recovery of past CERCLA response costs

estimated to be approximately \$24 million, as well as specific performance of various remedial actions that they have mandated in the past. Azteca is currently in discussions with the EPA in respect to limiting their future obligations and potential liability should they take title of the Bunker Hill property.

Azteca Gold Corporation has not applied for any drilling permits at this time. Prior to beginning drilling activities Azteca will receive approval of any required permits from the governing agency(s) with jurisdiction over the Bunker Hill property.

## **5.0 ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE, AND PHYSIOGRAPHY**

The Bunker Hill Mine Project is located at Kellogg, Idaho within the Coeur d'Alene mining district, Shoshone County, Idaho. The area is accessed from Spokane, Washington via Interstate 90 east, to the 50 exit.

The Bunker Hill Mine Project is in a sub-alpine area with average annual rainfall of approximately 25 inches and average annual snowfall of approximately 48 inches. Summers are generally dry and warm while winter can bring heavy accumulations of snow in the mountains. The climate is favorable for year-round mining operations.

The closest major airports to the Bunker Hill Mine Project are in Spokane, Washington (32 miles west of Coeur d'Alene on I-90) and Missoula, Montana (108 miles east of Lookout Pass on I-90). Necessary supplies, equipment, and services to carry out exploration and mine development projects are available in Kellogg, Wallace, Mullan, Coeur d'Alene, and Wardner, Idaho, as well as Spokane, Washington. A trained mining workforce is available in the above mentioned communities.

## **6.0 HISTORY**

The actual discovery of the Bunker Hill mining claim is unclear and surrounded in legend. The official claim notice was filed September 10, 1885 by Phillip O'Rourke and Noah Kellogg. A dispute was filed in court and First District Judge Norman Buck ruled that J. T. Cooper and O. O. Peck would each receive an eighth of Bunker Hill for providing the original grub stake money used to locate the claim. This decision was appealed, but ultimately upheld by the Supreme Court in February 1887. (Aiken, 2005)

And On July 29, 1887 S.G. Reed, M. Winch, & N. Kellogg purchased the mining claims and mill and incorporated the Bunker Hill and Sullivan Mining and Concentrating Company (BHSMC). Numerous improvements were made in mining, milling and transportation processes during the earlier years of the mine. This increased use of technology, such as the introduction of machine drills to increase productivity of mining and a tramway for transporting ore from the mine to the mill, brought about worker unrest. Local unions viewed these changes as a way for the company to decrease the size and skill level of the workforce, and thus decrease the pay of the miners (Aiken, 2005). The over 12,000 foot long, Kellogg Tunnel was completed in late 1903 linking all the mines and giving access to new ore bodies.

On March 10, 1904 the March ore body was discovered and ensured Bunker Hill reserves well into the twentieth century. In an effort to again increase the productivity at the mine West Mill No.1 and West Mill No.2 were opened in 1909 and 1912, respectively. On September 23, 1915 the BHSMC Company announced that a smelter would be built in Kellogg, Idaho and on July 5, 1917 smelting operations began. “The addition of the lead smelter put Bunker Hill in an elite group of mining concerns that had the ability to process their own mine production and position the company for greater integration during the pro-business 1920s.” (Aiken, 2005)

Between 1917 and 1949 the Bunker Hill and Sullivan Mining and Concentrating Company weathered two World Wars, the Great Depression, and the worker unrest associated with this time period. Its continued efforts to increase technological advances in mining and milling processes and the discovery of the Shea ore body set Bunker Hill on a road of expansion.

During the 1950s and 1960s the company focus was on diversifying the activities of BHSMC to better withstand the volatility of the metals market. The acquisition of a fabrication plant, lead and zinc chemical plant, and numerous options on metals properties throughout North and South America lead the company to change its name to the Bunker Hill Company in 1956, as a symbol of this new diversification. In 1968, Gulf Resources and Chemical Corporation merged with the Bunker Hill Company, ending the 81 years of Bunker Hill as an independent company. (Aiken, 2005)

With the 1970s came a new level of environmental awareness that would eventually close the Bunker Hill Mine. In 1980 revised OSHA regulations required Bunker Hill make engineering changes to contend with lead in the workplace. They were no longer allowed to rely on respirators to protect the employees. In June, 1980 the U.S. Court of Appeals for the District of Columbia affirmed the EPA ambient air quality standard for lead of 1.5 micrograms. The cost to upgrade the aging plant and smelter facilities to meet the new EPA regulation ultimately caused the closure of the mine in 1981. (Aiken, 2005)

In 1982 the Bunker Hill Company was sold to Bunker Limited Partnership. In 1984, a report by Robert Russell was prepared to address the viability of restarting the mine. This report concluded that by placing a set of 12 stopes in close proximity to each other as well as the No. 1 and No. 2 Shafts into production a viable operation would result. Improvements in mining and grade control practices were forecasted to increase the ore recovery in the Quill ore body by 11% over what recovery have been in the same stope in 1981. Mr. Russell stated that ore grade for the first year of production was expected to be 3.08% Lead, 1.74 oz. Silver, and 5.60% Zinc.

The Bunker Limited Partnership continued to operate until 1991 when the partnership filed for bankruptcy. In 1992, the Placer Mining Company was transferred the mineral rights to Bunker Hill. The operation was subsequently renamed the New Bunker Hill Mining Company. While under the current owner’s guidance the mine has been on care and maintenance. Underground railways, shops, electrical wiring, and water pumps along the Kellogg Tunnel and associated areas are in good to fair working order. The upper hoist and shaft equipment is in operating and usable condition. The condition of the mine beyond the immediate service level is unknown but is reported by the Vendor to be in good condition. All levels below the 11 level are currently

flooded. Periodic pumping and inspection of the 13 level indicated the flooded areas are in usable condition.

In March, 2007 Azteca Gold Corporation signed a letter of intent to acquire an option on the Bunker Hill Mine. The Environmental Protection Agency has stated recently that Azteca Gold will not be held liable for any prior environmental violation and cleanup. Also, they have indicated that the Bunker Hill Mine will be removed from the Superfund list. Pintlar Incorporated, a subsidiary of Gulf Resources and Chemical and the consulting firm CH2MHill are responsible for EPA Superfund cleanup of the smelter site.

**The author, as the Qualified Person, has not done sufficient work to classify the historical estimate as current mineral resources or mineral reserves, in accordance with the 43-101 requirements. All references to historical mineral resources or historical mineral reserves of this report will be in *quotes and italicized*, to indicate that these terms are taken directly from historical reports and are not intended to imply current mineral resources or current mineral reserves as defined by the 43-101 instrument.**

The following information is from the Meyers report, pages BHM00075 – BHM00093, which is a compilation of internal documents provided to Azteca Gold Corporation by the current owner’s attorney.

In 1982, “*reserve calculations*” were defined as follows:

**“Proven Ore:** *The term “proven ore” means a body of ore so extensively sampled that the risk of failure in continuity of the ore in such body is reduced to a minimum.”*

**“Probable Ore:** *The term “probable ore” means ore as to which the risk of failure in continuity is greater than for proven ore, but as to which there is sufficient warrant for assuming continuity of the ore.”*

**“Possible Ore:** *This category is confined to intervening blocks between maximum limits of Proven-Probable ore between levels, and as a limited continuity beyond blind Proven-Probable Reserves, for which a volume and grade can be assigned. Possible ore is not to be considered a part of the reserves that truly exist, but serve to point up necessary development which should add to actual reserves.”*

These are very limiting parameters with which to define an ore body, but this was the historical practice at Bunker Hill. The “*ore reserves*”, as of January 1982, for all ore bodies are in Figure 4.

**Figure 4:** 1982 Bunker Hill total ore reserves.

Category	Tonnage	Lead (%)	Silver (oz.)	Zinc (%)
“ <i>Proven</i> ”	1,367,067	2.68	1.61	4.06
“ <i>Probable</i> ”	1,163,705	2.42	1.44	3.83
“ <i>Possible</i> ”	1,360,018	2.30	1.37	3.87
Total	3,890,790	2.47	1.48	3.93

Two of the ore bodies of current interests are the Quill and Newgard. These ore bodies are mainly in areas of the mine above the flooded levels and would be readily accessible. The Quill and Newgard ore body “reserves” from 1982 are shown in Figures 5 and 6.

**Figure 5:** 1982 Quill ore body “reserves”.

<b>Quill Ore</b>	Tonnage	Lead (%)	Silver (oz.)	Zinc (%)
“Proven & Probable”	890,644	2.34	1.31	4.65
“Possible”	414,958	2.10	1.22	4.41
Total	1,305,602	2.26	1.28	4.57

**Figure 6:** 1982 Newgard ore body reserves.

<b>Newgard Ore</b>	Tonnage	Lead (%)	Silver (oz.)	Zinc (%)
“Proven & Probable”	663,189	1.23	0.68	3.26
“Possible”	199,515	1.20	0.65	2.89
Total	862,704	1.23	0.67	3.18

Robert Russell states in his 1984 report (Plan for re-establishing productions at the Bunker Hill Mine) that “*ore reserve estimation and record keeping at Bunker Hill differ from the standard practice.*” He goes on to state, “Reserves at Bunker Hill are an inventory of potential mineable blocks. The blocks are based upon a simple set of vertically limiting rules for projection upward from the top mining floor and/or downward from the sill floor of each stope.” It was his opinion that the definition used for *proven, probable, and possible reserves* was conservative. The vertical limiting factors applied to define those categories are stated below.

- Ore Above**    0’ – 25’ Vertical – “Proven”  
                   25’ – 50’ Vertical – “Probable”  
                   50’ – 100’ Vertical – “Possible”
- Ore Below**    0’ – 50’ Vertical – “Probable”  
                   50’ – 100’ Vertical – “Possible”

Figure 7 show the “ore reserve” summary developed by Robert Russell in 1984. He states that a “review of the geology and ore projections in known blocks revealed a high degree of probability that more ore exists in several active areas.” In his opinion historical “ore reserve” estimates were conservative. From that review he defined 353,000 tons of “inferred” ore. Figure 7 is a compilation of the data developed by R. Russell in 1984.

**Figure 7:** 1984 Bunker Hill total “*ore reserves*” compiled from information in R. Russell report.

Category	Tonnage	Lead (%)	Silver (oz.)	Zinc (%)
“ <i>Proven</i> ”	554,000	3.06	1.73	5.65
“ <i>Probable</i> ”	343,000	2.94	1.66	5.69
“ <i>Possible</i> ”	320,750	2.45	1.40	5.86
“ <i>Drill Indicated</i> ”	934,000	1.58	0.83	7.72
“ <i>Inferred</i> ”	353,000	1.96	1.12	7.82
Total	2,504,750	2.26	1.26	6.76

The 1989 report by Cominco Engineering Services LTD. (CESL) stated the “*ore reserve*” calculation, done by the Bunker Hill staff, considered only “crown and still pillars, and unmined portions of stope blocks”. Furthermore, the 1988 calculations used restrictive guidelines to define “*Proven*”, “*Probable*”, and “*Possible reserves*”. The historical definitions used in 1988 for Bunker Hill “*reserves*” are as follows:

**“*Proven Ore:* where exposed on one side, as by drifting, or “*blind*” stoping, is considered proven for a vertical distance upward or downward of 50 feet.”**

**“*Probable Ore:* is presumed to extend upward or downward beyond the completely sampled section a distance of one-half the distance to the next level (normal level interval 200 feet) but the total of Proven plus Probable ore will not exceed a vertical distance of 100 feet upward or downward from the sampled section.”**

**“*Possible Ore:* is presumed to extend upward or downward beyond the limits of the Proven and Probable Blocks for 100 feet. “**

Using these limiting definitions a 7,336,900 ton ore body was defined. The average ore grades were 2.85% Lead, 1.58 oz. Silver, and 4.95% Zinc. Figure 8 shows each type of reserve. Cominco Engineering Services stated that the “*reserve audit consisted of a review of Bunker Hill ore reserve calculation methodology and an evaluation of the geological credibility of each ore block. With minor exceptions, all ore reserve blocks are believed to be reasonable as presented.*”

**Figure 8:** 1988 “*ore reserve*” from as calculated by Bunker Hill staff.

Category	Tonnage	Lead (%)	Silver (oz.)	Zinc (%)
“ <i>Proven</i> ”	2,949,500	3.01	1.71	4.74
“ <i>Probable</i> ”	1,803,200	2.61	1.43	5.02
“ <i>Possible</i> ”	2,584,200	2.84	1.55	5.14
Total	7,336,900	2.85	1.58	4.95

It was the opinion of CESL that “*ore reserve*” calculation at Bunker Hill “primarily rank reserves on their relative availability for mining rather than strictly on the relative levels of certainty of the assigned tonnages and grades.”

Cominco Engineering Services LTD defined their interpretation of “*ore reserves*” as having “been ranked specifically with respect to the relative level of certainty of assigned tonnages and grades.” The CESL definitions for ore reserves are as follows:

**“Proven (Most Assured):** *Blocks of ore, for the most part pillars and remnants, that are bounded top and bottom by previously mined areas, i.e., can be considered to have been exposed on two sides.*”

**“Probable:** *Ore blocks that are bounded by previous development only on the top or bottom, i.e., can be considered to have been exposed only one side.*”

**“Possible (Least Assured):** *These reserves by definition require no substantial proof of existence and therefore this category has not been altered from the Bunker Hill usage.*”

**“Drill Indicated:** *ore-grade mineralization on the Quill-Newgard area that has been encountered principally in drill holes.*”

With the redistribution of “*ore reserves*” and the addition of “*Drill Indicated*” ore another 1,582,000 tons could be added to the “*reserve*”, thereby increasing the total to 8,941,600 tons. Figure 9 shows each type of reserve as defined by CESL. The “*Drill Indicated*” ore comes from approximately 20 drill holes that intercepted mineralization. It was CESL’s opinion that the intercepts represented a real and continuous mineralized zone.

**Figure 9:** Redistributed “*ore reserves*” as defined by Cominco Engineering Services, LTD from the 1989 CESL report. Note the asterisk (\*) under Silver Total is the average grade excluding drill indicated reserves.

Category	Tonnage	Lead (%)	Silver (oz.)	Zinc (%)
“ <i>Proven</i> ”	1,457,600	3.44	2.00	5.96
“ <i>Probable</i> ”	3,212,000	2.61	1.43	4.58
“ <i>Possible</i> ”	2,690,000	2.65	1.44	4.85
“ <i>Drill Indicated</i> ”	1,582,000	1.13	N/A	5.64
Total	8,941,600	2.50	1.58*	5.07

A company document titled “Mine Resources – Jul. 2001” discusses the tonnage and grade associated with the Sweeny Area of the mine. This document reviewed the previously submitted reports on the Sweeny Area and recalculated the contained ore, excluding any previously mined areas. The report determined that there were 36,000,000 tons of ore remaining above the Sweeny Level (Bunker Hill Mine Level 5). The average grades for “*resources*” above the Sweeny Level were 2.68% Lead, 1.02 oz. Silver, and 0.67% Zinc (Fig. 10). The document states: “*The ore resource calculation . . . relate to selected areas of the total Sweeny Area (Ore*

Zone) and do not reflect the full potential ore resource of the Sweeny Area.” Further geologic study of this area is warranted, and should be a major focus of future evaluations.

The “Mine Resources - Jul. 2001” document also discussed the area below the Sweeny Level. Approximately 5,000,000 tons were defined with an average grade of 3.04% Lead, 1.13 oz. Silver, and 0.83% zinc (Fig. 10). The document states: “*There is limited documentation available to the author in regard to this aspect of the ore resource tonnage. A more detailed study could result in a much higher resource tonnage.*” This statement is important because it indicates the deposit remains open at depth as historic mining operations did not go below about 1500 meters. Other mines in the area that mine the same structure are currently mining at depths exceeding 2700 meters.

**Figure 10:** Summary of Sweeny Area “ore resources”.

<b>Sweeny Area Resource</b>	<b>Tons</b>	<b>Lead (%)</b>	<b>Silver (oz.)</b>	<b>Zinc (%)</b>
Above Sweeny Level (BH Level 5)	36,000,000	2.68	1.02	0.67
Below Sweeny Level (BH Level 5)	5,000,000	3.04	1.13	0.83
<b>TOTAL RESOURCE</b>	<b>41,000,000</b>	<b>2.72</b>	<b>1.03</b>	<b>0.69</b>

## **7.0 GEOLOGICAL SETTING**

### **7.1 REGIONAL GEOLOGY**

The Bunker Hill Mine Project is situated in the Coeur d’Alene Mining District of northern Idaho. The district lies within the Middle Proterozoic depositional basin of the Belt Supergroup which is a thick sequence of metasedimentary rocks, primarily quartzites, argillites, and minor carbonates. The Belt Supergroup is divided into four major stratigraphic intervals: the Lower Belt, the Ravalli Group, the middle Belt, and the Missoula Group. The Ravalli Group is the primary rock sequence in the area and is comprised of the Burke, Revett, and St. Regis Formations.

The Coeur d’Alene Mining District is situated at the western end of the Lewis and Clark Shear Zone. This shear zone is several kilometers wide in Idaho and represents a major crustal flaw (Bennett and Venkatakrisnan, 1982; Leach, et al., 1988). Precious- and base-metal deposits occur throughout the Lewis and Clark Shear Zone (Leach, et al. 1988). The district is bounded by the Thompson Pass fault to the north and the Placer Creek fault to the south. The Osburn fault bisects the district. According to Leach, et al. (1988) large, steeply plunging isoclinal folds and cleavage in the district developed in response to strike slip movement within the Lewis and Clark Shear Zone.

The deposits are primarily veins in the Belt Supergroup (Leach, et al., 1998). The mines in the district exploit ore in the steeply dipping veins (Bennett and Venkatakrisnan, 1982).

### **7.2 LOCAL GEOLOGY**

The Bunker Hill Mine Project is located at Kellogg, Idaho, near the south fork of the Coeur d’Alene River, within the Page-Galena mineral belt. Its ore bodies occur within the Ravalli

Group of the Belt Supergroup (Meyer, 1981). According to White and Winston (1982) near the Bunker Hill Mine Project the Revett Formation consists of three main rock types: vitreous quartzite, sericitic quartzite, and siltite-argillite.

Several structural features are present within the Bunker Hill Mine Project. The Osburn Fault to the north places the Prichard Formation next to the mine formations (Meyer, 1981). The property is bounded to the east by the Alhambra thrust fault (Meyer, 1981). The Bunker Hill Mine Project lies just to the north of the Tyler Ridge anticline (Juras, 1982). The Cate fault, a strong shear zone, is sub-parallel to the Tyler Ridge anticline (Meyer, 1981; Juras, 1982).

According to Meyer (1981) ore bodies within the Bunker Hill Mine Project can be grouped into three different types. “Bluebird” ore is characterized by mineralogy consisting of sphalerite and galena (sphalerite in excess of galena) with variable amounts of pyrite (Meyer, 1981). The gangue minerals are bluish-clear quartz along with some siderite.

“Jersey” type ore bodies consist principally of veins containing galena with lesser amounts of sphalerite, chalcopyrite, and tetrahedrite (Meyer, 1981). These veins are referred to as “link” veins as they appear to extend between and have a structural relationship with the Cate fault and the Dull fault (Meyer, 1981; Juras, 1982). Gangue minerals are primarily white quartz and some siderite (Meyer, 1981).

A third type of ore body important to past production in the Bunker Hill Mine is also structurally controlled (Meyer, 1981). These ore bodies are zones of brecciation associated with junctions of major faults. Meyer (1981) suggests that recurrent shattering was accompanied by pulses of sulfide-carbonate replacement.

The Vendor provided a copy of a mine level map. A section of the middle of the map is missing from the copied document, and no north arrow is shown on the map, thus making this item incomplete. Also the copy does not give a clear indication of its location in the mine. Without a complete copy and an exact location, it would be misleading to include the document in this report. Once access is granted to the historical records and an evaluation of existing sections and plan levels will be completed.

## **8.0 DEPOSIT TYPE**

The Coeur d’Alene Mining District is situated at the western end of the Lewis and Clark Shear Zone. (Bennett and Venkatakrishnan, 1982; Leach, et al., 1988). Precious metal and base-metal deposits occur throughout the Lewis and Clark Shear Zone (Leach, et al. 1988). The deposits are primarily veins in the Belt Supergroup (Leach, et al., 1998), and mines in the district exploit ore in the steeply dipping veins (Bennett and Venkatakrishnan, 1982).

The Bunker Hill Mine Project is a lead, silver, zinc deposit that is in shear-hosted vein structures along the south end of the Coeur d’Alene Mining District.

## **9.0 MINERALIZATION**

According to Meyer (1981) ore bodies within the Bunker Hill Mine Project can be grouped into three different types. “Bluebird” ore is characterized mineralogically by sphalerite and galena

and variable amounts of pyrite. Gangue minerals are bluish clear quartz and siderite. This ore is commonly localized in smaller parasitic folds, broken by reverse shears (Meyer, 1982).

In the footwall of the Cate fault are “link” veins. These quartz-sulfide vein fillings contain argentiferous galena with lesser sphalerite, chalcopyrite, and tetrahedrite. White quartz is the principle gangue mineral with some siderite. Original filling textures have been destroyed by post-ore shearing, resulting in development of steely and schistose galena which flow around boudins and rods of siderite and chalcopyrite (Meyer, 1981). This category of ore is referred to as “Jersey” type.

“Hybrid” ore bodies are multi-stage systems where “Bluebird” type fracture zones opened and brecciated and then where re-fractured and flooded by galena from the newly opened “link” veins. The galena penetrated and partially replaced the previous minerals and filled the remaining spaces. (Meyer, 1981)

No maps or sections showing the location of mineralized zones were provided by the Vendor. Once access is granted to the property an evaluation of existing maps and section will be completed.

## **10.0 EXPLORATION**

To date, there has been no exploration activates conducted on the property by Azteca Gold Corporation, or its’ contractor. The Bunker Hill mine has been on care and maintenance since the current owner acquired the property in 1992.

## **11.0 DRILLING**

Historic drilling locations will be confirmed where possible by searching mining records. Currently, there is no access to these records, but access is expected to be granted in the near future.

New diamond core drilling will be conducted from the surface. It is estimated that approximately 50,000 feet of core drilling will be conducted. Surface drilling will be done by a Boart Longyear LF-70 diamond core dill rig. Drilling will be conducted to confirm historically reported ore zones and to identify additional new ore bodies.

Orientation of drill holes will be identified once access is granted to the historical data. By gaining an understanding of the historical placement of drill holes and their relative success in finding ore, a more efficient drilling program can be developed.

## **12.0 SAMPLING METHOD AND APPROACH**

The author does not have any documentation for sampling methods, recovery factors, or sample quality at this time. Once access is granted to the historical mine documents it is believed that past procedures and relevant details of location, density, size, etc. will become apparent. At this time there is no reason to question the reliability of historical data.

Any future sampling will be in compliance with standard industry best practice methods.

### 13.0 SAMPLE PREPARATION, ANALYSES, AND SECURITY

The author does not have any documentation for sample preparation, quality control measure, or security measures at this time. Once access is granted to the historical mine documents it is believed that past sample preparation, analytical procedures, and quality control measures will become apparent. At this time there is no reason to question the reliability of the historical data.

Any future sampling, analyses, and quality control activities will be in compliance with standard industry best practice methods.

### 14.0 DATA VERIFICATION

The author does not have any documentation on data verification at this time. Once access is granted to the historical mine documents a detailed analysis of the quality control measures, and the nature of any limitations in the data will be identified.

During the site visit by the author, no access was granted to underground areas where samples could be collected and geology verified. Once access is granted to these areas of the mine, a sampling program to verify historical data will be undertaken in accordance with standard industry best practice methods.

### 15.0 ADJACENT PROPERTIES

The following information is from Mitchell and Bennett's (1983) compilation of historic production in the Coeur d'Alene Mining District. **The information is not necessarily indicative of the mineralization on the Bunker Hill Mine Property.** Each property is hosted by the same rock formations, the Revett and St. Regis, and found within the Wardner sub-district. Figure 2 lists the production statistics from each of the properties in the Wardner sub-district of the Coeur d'Alene Mining District, excluding Bunker Hill. Figure 3 lists the production statistics from other properties hosted by the Revett and St. Regis Formations.

**Figure 10:** Production statistics for Wardner sub-district, excluding Bunker Hill production (compiled from Mitchell and Bennett, 1983).

Property	Tons Produced	Lead (lbs.)	Lead (%)	Silver (oz.)	Silver (oz/ton)	Zinc (lbs.)	Zinc (%)
Last Chance	2,845,356	432,477,581	7.60	8,611,079	3.03	N/A	N/A
Senator Stewart	1,041,814	150,925,283	7.24	6,610,160	6.34	323,888	0.02
Ontario	325,502	41,675,316	6.40	1,776,391	5.46	N/A	N/A
Sierra Nevada	289,450	38,811,872	6.70	1,314,667	4.54	55,485	0.01
Caledonia	263,182	66,775,589	12.69	8,092,307	30.75	N/A	N/A
Arizona	2,321	57,950	1.25	1,590	0.69	29,312	0.63
<b>TOTAL</b>	<b>4,767,625</b>	<b>730,723,591</b>	<b>7.66</b>	<b>26,406,194</b>	<b>5.54</b>	<b>408,685</b>	<b>0.004</b>

**Figure 11:** Production statistics from Coeur d’Alene Mining District properties hosted by the Revett and St. Regis Formations (compiled from Mitchell and Bennett, 1983).

<b>Property</b>	<b>Tons Produced</b>	<b>Lead (lbs.)</b>	<b>Lead (%)</b>	<b>Silver (oz.)</b>	<b>Silver (oz/ton)</b>	<b>Zinc (lbs.)</b>	<b>Zinc (%)</b>
<b>Page Group</b>	4,307,335	541,567,870	6.29	14,609,180	3.39	543,559,226	6.31
<b>Blackhawk</b>	214,126	34,707,194	8.10	756,323	3.53	9,419,415	2.20
<b>Crown Point</b>	63,098	12,797,717	10.14	669,695	10.61	N/A	N/A
<b>Alhambra</b>	2,200	140,636	3.20	10,536	4.79	N/A	N/A
<b>New Hilarity</b>	879	44,311	2.52	661	0.75	70,362	4.00
<b>Sunshine</b>	9,800,584	139,671,091	0.71	294,659,890	30.07	8,432,646	0.04
<b>Galena</b>	3,872,524	20,354,814	0.26	95,092,611	24.56	1,474,465	0.02
<b>Crescent</b>	868,926	3,261,626	0.19	22,570,068	25.97	582,731	0.03
<b>Polaris</b>	320,783	3,682,340	0.57	7,368,759	22.97	29,718	0.005
<b>Silver Summit</b>	798,761	147,555	0.01	19,932,835	24.95	119,200	0.01
<b>Coeur Unit</b>	755,618	331,731	0.02	11,845,834	15.68	474,912	0.03
<b>Mineral Point</b>	440,779	127,162	0.01	5,859,581	13.29	N/A	N/A
<b>Big Creek Silver</b>	16,847	1,239,698	3.68	323,019	19.17	N/A	N/A
<b>Argentine</b>	401	4,238	0.53	4,132	10.30	N/A	N/A
<b>Signal</b>	248	18,265	3.68	251	1.01	20,206	4.07
<b>TOTAL</b>	<b>21,463,109</b>	<b>758,096,248</b>	<b>1.77</b>	<b>473,703,375</b>	<b>22.07</b>	<b>564,182,881</b>	<b>1.31</b>

## 16.0 MINERAL PROCESSING AND METALLURGICAL TESTING

If historical data is found to show previous mineral processing and metallurgical testing was completed, a discussion summarizing those activities will be forthcoming. Currently, a discussion is not applicable due to the inaccessibility of historic data.

## 17.0 MINERAL RESOURCE AND MINERAL RESERVE ESTIMATES

There are no current reserves or resources estimated at this time. Any new information gathered will be reported in compliance with NI 43-101 standards.

## 18.0 OTHER RELEVANT DATA AND INFORMATION

The library at the University of Idaho in Moscow has several Special Collections that contain historical documents from the Bunker Hill Mine. A list of these documents is contained in Appendix B. This data is readily accessible and a valuable resource of information pertaining to historic operations of the mine.

## 19.0 INTERPRETATIONS AND CONCLUSIONS

The Bunker Hill Project is in the early stages of due diligence. It is a historic lead, silver, zinc mine, in an active district where many other mines are currently operating. The completions of exploration activities will discuss the new information gathered and summarize the historic data.

## 20.0 RECOMMENDATIONS

Azteca Gold Corporation should implement three work programs; a drilling campaign, a geochemical rock chip sampling program, and an assessment of the historical data. All programs should be conducted concurrently. None of the three work programs are contingent upon the successful completion of any other work program.

The drilling campaign should consist of surface drilling to intersect historic ore zones and identify new ore body locations. Approximately 50,000 feet of diamond core drilling at an estimated cost of \$3.5 million. Additionally, an extensive underground geochemical rock chip sampling program of the stopes should be implemented to identify exposed ore zones. All safely accessible levels of the mine should be rock chip sampled to identify current ore locations, and a basic map of each area where samples were collected should be developed. The estimated cost for the rock chip sampling program would be \$2 million. An assessment of the historical data with regard to drill hole assays and locations, quality control measures, and the degree of data confidence should also be undertaken. Estimated cost of the historical data assessment would be \$1.5 million. This assessment should attempt to identify locations of previous sample collection and re-assess that same location. None of the data at Bunker Hill is electronically formatted. During the assessment of historical data all available information should be captured electronically, by either scanning or data entry. The estimated total cost for these programs is \$7 million. Figure 12 contains a breakdown of the estimated costs associated with the three work programs. The budget and timing of these activities may change once Azteca is granted access to the Bunker Hill property.

**Figure 12:** Work programs and associated cost estimates.

<b>WORK PROGRAMS</b>	
<b>Drilling Campaign</b>	
Total Footage	50,000 ft
Cost/Foot	\$50/ft
Mob/Demob Costs	\$50,000
Core Logging	\$350,000
Assaying	\$600,000
<b>TOTAL COST</b>	<b>\$3,500,000</b>
<b>Geochemical Sampling</b>	
Mapping/Surveying	\$1,200,000
Sample Collection	\$500,000
Assaying	\$300,000
<b>TOTAL COST</b>	<b>\$2,000,000</b>
<b>Data Assessment</b>	
Data Identification	\$200,000
Data Capture	\$900,000
Geologic Modeling	\$400,000
<b>TOTAL COST</b>	<b>\$1,500,000</b>

## 21.0 REFERENCES

Aiken, K. G., 2005, Idaho's Bunker Hill The Rise and Fall of a Great Mining Company, 1885-1981, University of Oklahoma Press, 284 p.

Bennett, E. H. & Venkatakrisnan, R., 1982, A Palinspastic Reconstruction of the Coeur d'Alene Mining District Based on Ore Deposits and Structural Data, *Economic Geology*, V. 77, pp1851-1866.

Cominco Engineering Services LTD, September 1989, An Economic Evaluation of the Bunker Hill Operation of Bunker Hill Mining Co. (U.S.) Inc., 24p.

Internal Company Report, Author unknown, *Mine Resources* Jul. – 2001.

Juras, D. S., 1982, Structure of the Bunker Hill Mine, Kellogg Idaho, Idaho Bureau of Mines and Geology, *Bulletin* 24, pp. 31-34.

Leach, D. L., Landis G. P., & Hofstra, A. H., 1988, Metamorphic origin of the Coeur d'Alene base – and precious-metal veins in the Belt basin, Idaho and Montana, *Geology*, V. 16, pp. 122-125.


Meyer, R. L., 1981, Geology of the Bunker Hill Mine, a brief description, Internal Bunker Hill document, 5p.

Meyers, R.L., 1982, A bound copy of a compilation of various documents from the Vendor's Attorney. pp. BHM00075 – BHM00093.


Russell, R. L., July 1984, Plan for Re-establishing Production at the Bunker Hill Mine, Review of Bunker Limited Partnership Consensus Plan, 94p.

**22.0 SIGNATURE AND DATE**

I, Edward Brennan, hereby certify this report on the 12<sup>th</sup> day of July, 2007.

  
\_\_\_\_\_

I, Nicole Preuss, hereby certify this report on this 12<sup>th</sup> day of July, 2007.

  
\_\_\_\_\_

## 23.0 STATEMENT OF QUALIFICATIONS

### Authors Certificate

I, Edward Brennan, of Brisbane, Australia, hereby certify:

- (1) I am a consulting geologist to Azteca Gold Corporation. My address is as follows:  
Edward Brennan, Consulting Geologist  
2-62 Cordelia St. South Brisbane Qld 4101 Australia  
PO Box 874 Spring Hill Qld 4404 Australia
- (2) I have taken full responsibility for the technical report “Exploration of the Bunker Hill Mine Project, near Kellogg, Idaho for Lead, Silver, and Zinc.” Dated July 12, 2007.
- (3) I visited the property on May 21<sup>st</sup>, 2007, and had with me an engineer who is familiar with the area in Matt Russell. Also with me was geologist Nicole Preuss who assisted in the compilation of this report. I have had at my disposal the historical documents on the Bunker Hill Exploration Project that Azteca Gold Corporation currently has available.
- (4) I am a fellow of the Australasian Institute of Mining and Metallurgy and a member of the Canadian Institute of Mining and Metallurgy. I have been a member (of various grades) of these institutions since 1956. I was the Australasian Institute of Mining and Metallurgy’s representative of the JORC committee for 10 years and for seven of the 10 years I was Deputy Chairman.
- (5) I am a graduate of the University of New South Wales with a B. E. in Applied Geology in 1962.
- (6) I have practiced as a consulting geologist in Australia, North and South America, Papua New Guinea, Solomon Islands, Indonesia, Malaysia, Thailand, Myanmar, Portugal, Finland, with various minor assignments elsewhere in the world for a period of 35 years. Before consulting I was employed as a geologist and a trainee geologist by several companies for 15 years.
- (7) By means of education, expertise in the style of mineralization and geological setting of the potential area at the Bunker Hill Mine Project, I fully qualify to be a qualified person for the purpose of Canadian National Instrument 43-101.
- (8) I have had no prior knowledge of the Bunker Hill Exploration Project area although I have had previous experience with this type of deposit.

- (9) All material facts and information made available to me by the title holder have been included in this report and thus there is no material that could influence opinions of the property that is apparently available that is not included.
- (10) In every respect I am independent of Azteca Gold Corporation and have received only a fee for service. There is no planned or expected benefit to me for this report.
- (11) I am fully aware of the Canadian National instrument 43-101 and forms and this report has been compiled to comply with the relevant instructions.
- (12) I consent to filing of this technical report with the Toronto Stock Exchange or any other exchange or regulatory authority in the form that has been presented. I authorize the publication of this report in this format by the regulatory authorities including in electronic media.

Edward Brennan, Consulting Geologist      Dated: July 12<sup>th</sup>, 2007

## Co-Author Certificate

I, Nicole Preuss, of Spokane, Washington, hereby certify:

- (1) I am a consulting geologist with M2 Technical Services, on full time loan to Azteca Gold Corporation. My address is as follows:  
Nicole Preuss, Geology Manager  
4207 E. Rowan Ave.  
Spokane WA 99217.
- (2) I have, under the guidance and supervision of Edward Brennan, written and compiled the technical report “Exploration of the Bunker Hill Mine Project, near Kellogg, Idaho for Lead, Silver, and Zinc”, dated July 12, 2007.
- (3) On May 21<sup>st</sup>, 2007, I visited the property and had with me an engineer who is familiar with the area in Matt Russell. I have had at my disposal the historical documents on the Bunker Hill Exploration Project the Azteca Gold Corporation currently has available.
- (4) I am a member of the Australasian Institute of Mining and Metallurgy and have been since 2001.
- (5) I graduated with various honors from Central Missouri State University with a Bachelor of Science in Geology, and from Southern Illinois University with a Master of Science in Geology.
- (6) All material facts and information made available to me by the title holder have been included in this report and thus there is no material that could influence opinions of the property that is apparently available that is not included.
- (7) I control 50,000 shares of Azteca Gold Corporation, in the form of stock options, and thus I am not independent of Azteca Gold Corporation.
- (8) I am fully aware of the Canadian National instrument 43-101 and forms and this report has been compiled to comply with the relevant instructions.
- (9) I consent to filing of this technical report with the Toronto Stock Exchange or any other exchange or regulatory authority in the form that has been presented. I authorize the publication of this report in this format by the regulatory authorities including in electronic media.

Nicole Preuss, Geology Manger

Dated: July 12<sup>th</sup>, 2007

- **Shoshone County Assessor  
Mining Claims**
- Related to Bunker Hill Mine

## Owner Listing

Shoshone County Assessor

Mining Claims

Listed in OWNER NAME, PARCEL, SURVEY #, SURVEY NAME order

Owner Name	Parcel	Survey Number & Name	Claim Location	BPT	Claim Acres	Owned Acres
	MC0098	3460 ESSEX	28/29-49-4	422153	1.000	1.000
PLACER MINING CORP	MC0016	0755 ONTARIO	12-48-2	353115	10.055	10.055
	MC0016	0764 CARBONATE	11-48-2	353115	6.551	6.551
	MC0016	0790 SILVER CASKET	11-48-2	353115	15.770	15.770
	MC0016	1357 NO. 5	11-48-2	353115	19.075	19.075
	MC0016	1409 OMAHA	12-48-2	353115	17.050	17.050
	MC0016	1412 REEVES	2-48-2	353115	14.523	14.523
	MC0016	1413 PACKARD	2-48-2	353115	20.321	20.321
	MC0016	1414 QUAKER	2/11-48-2	353115	2.878	2.878
	MC0016	1503 AM. DANISH	2-48-2	353115	12.238	12.238
	MC0016	1628 ALFRED	2-48-2	353115	12.326	12.326
	MC0016	1628 MAGGIE	2-48-2	353115	13.872	13.872
	MC0016	1633 PRINCESS		353115	11.695	5.900
	MC0016	1639 LEGAL TENDER (AMND.)	11-48-2	353115	16.324	16.324
	MC0016	1639 ROYAL KNIGHT (AMND.)	2/11-48-2	353115	13.871	13.871
	MC0016	1639 SILVER KING (AMND.)		353115	18.251	18.251
	MC0016	1663 PHILLIPPINE	2-48-2	353115	13.740	13.740
	MC0016	1664 HARRISON	11-48-2	353115	9.020	9.020
	MC0016	1715 NINETY SIX	11-48-2	353115	12.017	12.017
	MC0016	1723 LYDIA FRAC.	2-48-2	353115	0.454	0.454
	MC0016	1723 MABEL	2/3-48-2	353115	13.627	13.627
	MC0016	1723 MANILA	2/3-48-2	353115	7.599	7.599
	MC0016	1723 O.K.	2/3-48-2	353115	14.709	14.709
	MC0016	1723 O.K. WESTERN	2/3-48-2	353115	14.587	14.587
	MC0016	1723 SUNNY	2/3-48-2	353115	19.113	19.113
	MC0016	1723 WHIPPOORWILL	2/3-48-2	353115	8.909	8.909
	MC0016	1945 WILLIAM LAMBERT FRAC	2-48-2	353115	9.561	9.561

Owner Listing

Shoshone County Assessor  
 Mining Claims  
 Listed in OWNER NAME, PARCEL, SURVEY #, SURVEY NAME order

518 min

Owner Name	Parcel	Survey Number & Name	Claim Location	BPT	Claim Acres	Owned Acres
	MC0016	2067 SAXON	2-48-2	353115	2.662	2.662
	MC0016	2123 LINK	12-48-2	353115	17.346	17.346
	MC0016	2124 SPUR	11/12-48-2	353115	4.299	4.299
	MC0016	2496 SPEAR	12-48-2	353115	6.843	6.843
	MC0016	2507 BAND	2-48-2	353115	10.844	10.844
	MC0016	2583 MARION	11-48-2	353115	1.058	1.058
	MC0016	2626 MAINE		353115	1.158	1.158
	MC0016	2627 CALIFORNIA	11-48-2	353115	1.148	1.148
	MC0016	2840 CHECK	1/12-48-2	353115	4.195	4.195
	MC0016	2862 FLORENCE		353115	15.524	15.524
	MC0016	2862 SUGAR	10/11-48-2	353115	2.719	2.719
	MC0016	3111 BILLY	11-48-2	353115	16.707	16.707
	MC0016	3164 VENTURE	2-48-2	353115	9.313	9.313
	MC0016	3214 GOTH	2/11-48-2	353115	11.161	11.161
	MC0016	3214 L-2	2-48-2	353115	3.276	3.276
	MC0016	3214 L-3	2-48-2	353115	13.245	13.245
	MC0016	3563 SILVER KING M.S.		353115	3.327	3.327
	MC0033	0546 TYLER	12-48-2	352133	14.770	14.770
	MC0033	0550 EMMA	12-48-2	352133	10.689	10.689
	MC0033	0551 LAST CHANCE	12-48-2	352133	17.317	17.317
	MC0033	0554 SIERRA NEVADA	12-48-2	352133	17.665	17.665
	MC0033	0562 VIOLA	12-48-2	352133	10.569	10.569
	MC0033	0569 OAKLAND	11-48-2	352133	4.590	4.590
	MC0033	0586 JACKASS	13-48-2	352133	11.200	11.200
	MC0033	0614 LACKWANNA	13-48-2	352133	16.525	16.525
	MC0033	0615 SKOOKUM	12-48-2	352133	17.610	17.610
	MC0033	0619 ROLLING STONE	18-48-3	352133	15.093	15.093

## Owner Listing

## Shoshone County Assessor

## Mining Claims

Listed in OWNER NAME, PARCEL, SURVEY #, SURVEY NAME order

Owner Name	Parcel	Survey Number & Name	Claim Location	BPT	Claim Acres	Owned Acres
	MC0033	0621 FAIRVIEW	18-48-3	352133	10.690	10.690
	MC0033	0750 SAN CARLOS	12-48-2	352133	7.170	7.170
	MC0033	0755 ONTARIO FR.	11-48-2	352133	1.626	1.626
	MC0033	0933 SOLD AGAIN FR.	12-48-2	352133	8.221	8.221
	MC0033	0959 REPUBLICAN FR.	12-48-2	352133	3.698	3.698
	MC0033	1035 MILO	17-48-3	352133	19.790	19.790
	MC0033	1041 APEX	11-48-2	352133	1.928	1.928
	MC0033	1041 RAMBLER	11-48-2	352133	7.978	7.978
	MC0033	1041 TIP TOP	11-48-2	352133	4.909	4.909
	MC0033	1220 BUTTE	11-48-2	352133	20.520	20.520
	MC0033	1220 CARIBOO	11-48-2	352133	20.061	20.061
	MC0033	1220 GOOD LUCK	11-48-2	352133	19.676	19.676
	MC0033	1220 JERSEY FR.	12-48-2	352133	10.112	10.112
	MC0033	1220 LILLY MAY	11/12-48-2	352133	19.432	19.432
	MC0033	1227 MABUNDALAND	13-48-2	352133	20.599	20.599
	MC0033	1227 MASHONALAND	13-48-2	352133	20.401	20.401
	MC0033	1227 MATABELELAND	13-48-2	352133	19.949	19.949
	MC0033	1227 STOPPING	13-48-2	352133	15.151	15.151
	MC0033	1227 ZULULAND	13-48-2	352133	20.517	20.517
	MC0033	1228 ALLA	13-48-2	352133	8.153	8.153
	MC0033	1228 BONANZA FR.	18-48-3	352133	4.439	4.439
	MC0033	1228 EAST	18-48-3	352133	4.640	4.640
	MC0033	1228 IRON HILL	18-48-3	352133	17.736	17.736
	MC0033	1228 LACROSSE	13-48-2	352133	9.361	9.361
	MC0033	1228 MINERS DELIGHT	13-48-2	352133	10.138	10.138
	MC0033	1228 NO NAME	13-48-2	352133	13.868	13.868
	MC0033	1228 OLLIE MCMILLAN	18-48-3	352133	15.895	15.895

## Owner Listing

## Shoshone County Assessor

## Mining Claims

Listed in OWNER NAME, PARCEL, SURVEY #, SURVEY NAME order

Owner Name	Parcel	Survey Number & Name	Claim Location	BPT	Claim Acres	Owned Acres
	MC0033	0621 FAIRVIEW	18-48-3	352133	10.690	10.690
	MC0033	0750 SAN CARLOS	12-48-2	352133	7.170	7.170
	MC0033	0755 ONTARIO FR.	11-48-2	352133	1.626	1.626
	MC0033	0933 SOLD AGAIN FR.	12-48-2	352133	8.221	8.221
	MC0033	0959 REPUBLICAN FR.	12-48-2	352133	3.698	3.698
	MC0033	1035 MILO	17-48-3	352133	19.790	19.790
	MC0033	1041 APEX	11-48-2	352133	1.928	1.928
	MC0033	1041 RAMBLER	11-48-2	352133	7.978	7.978
	MC0033	1041 TIP TOP	11-48-2	352133	4.909	4.909
	MC0033	1220 BUTTE	11-48-2	352133	20.520	20.520
	MC0033	1220 CARIBOO	11-48-2	352133	20.061	20.061
	MC0033	1220 GOOD LUCK	11-48-2	352133	19.676	19.676
	MC0033	1220 JERSEY FR.	12-48-2	352133	10.112	10.112
	MC0033	1220 LILLY MAY	11/12-48-2	352133	19.432	19.432
	MC0033	1227 MABUNDALAND	13-48-2	352133	20.599	20.599
	MC0033	1227 MASHONALAND	13-48-2	352133	20.401	20.401
	MC0033	1227 MATABELELAND	13-48-2	352133	19.949	19.949
	MC0033	1227 STOPPING	13-48-2	352133	15.151	15.151
	MC0033	1227 ZULULAND	13-48-2	352133	20.517	20.517
	MC0033	1228 ALLA	13-48-2	352133	8.153	8.153
	MC0033	1228 BONANZA FR.	18-48-3	352133	4.439	4.439
	MC0033	1228 EAST	18-48-3	352133	4.640	4.640
	MC0033	1228 IRON HILL	18-48-3	352133	17.736	17.736
	MC0033	1228 LACROSSE	13-48-2	352133	9.361	9.361
	MC0033	1228 MINERS DELIGHT	13-48-2	352133	10.138	10.138
	MC0033	1228 NO NAME	13-48-2	352133	13.868	13.868
	MC0033	1228 OLLIE MCMILLAN	18-48-3	352133	15.895	15.895

Owner Listing

Shoshone County Assessor

Mining Claims

Listed in OWNER NAME, PARCEL, SURVEY #, SURVEY NAME order

Owner Name	Parcel	Survey Number & Name	Claim Location	BPI	Claim Acres	Owned Acres
	MC0033	1228 SCHOFIELD CONS	18-48-3	352133	8.853	8.853
	MC0033	1228 SULLIVAN EXT.	13-48-2	352133	0.558	0.558
	MC0033	1228 SUMMIT	13-48-2	352133	9.897	9.897
	MC0033	1229 ALLIE	13-48-2	352133	18.287	18.287
	MC0033	1229 BLUE BIRD	13-48-2	352133	13.901	13.901
	MC0033	1229 BOUGHT AGAIN	13-48-2	352133	15.756	15.756
	MC0033	1229 JOSIE	13-48-2	352133	20.651	20.651
	MC0033	1229 MAPLE	13-48-2	352133	1.687	1.687
	MC0033	1229 OFFSET	13-48-2	352133	0.257	0.257
	MC0033	1229 ROOKERY	13-48-2	352133	6.746	6.746
	MC0033	1229 SUSIE	13-48-2	352133	3.324	3.324
	MC0033	1298 LIKELY	12-48-2	352133	4.706	4.706
	MC0033	1325 HORNET	12-48-2	352133	11.448	11.448
	MC0033	1325 KING	12-48-2	352133	0.903	0.903
	MC0033	1328 SAMPSON	12-48-2	352133	7.112	7.112
	MC0033	1345 COMSTOCK	18-48-3	352133	16.676	16.676
	MC0033	1345 DAISY	18-48-3	352133	17.740	17.740
	MC0033	1345 DANDY	18-48-3	352133	20.312	20.312
	MC0033	1345 JESSIE	18-48-3	352133	12.246	12.246
	MC0033	1345 JULIE	18-48-3	352133	18.188	18.188
	MC0033	1345 JUSTICE	18-48-3	352133	12.077	12.077
	MC0033	1345 OPHIR	18-48-3	352133	15.594	15.594
	MC0033	1345 WALLA WALLA	18-48-3	352133	17.938	17.938
	MC0033	1347 ALHAMBRA	17-48-3	352133	20.256	20.256
	MC0033	1348 FANNIE MAY	17-48-3	352133	18.165	18.165
	MC0033	1349 BONNIE JEAN	17-48-3	352133	12.162	12.162
	MC0033	1349 DAWN FR.	17-48-3	352133	1.486	1.486

Owner Listing

Shoshone County Assessor

Mining Claims

Listed in OWNER NAME, PARCEL, SURVEY #, SURVEY NAME order

Owner Name	Parcel	Survey Number & Name	Claim Location	BPT	Claim Acres	Owned Acres
	MC0033	1349 INKA	18-48-3	352133	10.878	10.878
	MC0033	1349 LUCKY	18-48-3	352133	17.986	17.986
	MC0033	1349 MIDDAY	18-48-3	352133	10.403	10.403
	MC0033	1349 NO. 1	18-48-3	352133	19.375	19.375
	MC0033	1349 PROTECTION	17-48-3	352133	20.347	20.347
	MC0033	1349 TOUGHNUT	17/18-48-3	352133	13.421	13.421
	MC0033	1356 EXCELSIOR	11-48-2	352133	3.113	3.113
	MC0033	1357 NO. 1	11-48-2	352133	18.772	18.772
	MC0033	1357 NO. 2	11-48-2	352133	18.976	18.976
	MC0033	1357 NO. 3	11-48-2	352133	20.530	20.530
	MC0033	1357 NO. 4	11-48-2	352133	19.951	19.951
	MC0033	1359 MCKINLEY	17-48-3	352133	14.663	14.663
	MC0033	1466 CARTER	14-48-2	352133	17.003	17.003
	MC0033	1466 COXEY	14-48-2	352133	4.697	4.697
	MC0033	1466 DEADWOOD	11-48-2	352133	7.194	7.194
	MC0033	1466 DEBS	11-48-2	352133	18.183	18.183
	MC0033	1466 HAMILTON	14-48-2	352133	20.654	20.654
	MC0033	1466 HARD CASH	11/14-48-2	352133	20.489	20.489
	MC0033	1466 NEVADA	14-48-2	352133	12.602	12.602
	MC0033	1488 ARIZONA	12-48-2	352133	10.399	10.399
	MC0033	1526 WHEEL BARROW	12-48-2	352133	7.812	7.812
	MC0033	1527 NEW ERA	12-48-2	352133	12.652	12.652
	MC0033	1619 HAMILTON FR.	11/14-48-2	352133	13.233	13.233
	MC0033	1620 BERNICE	14-48-2	352133	19.278	19.278
	MC0033	1620 MOUNTAIN KING	14-48-2	352133	18.535	18.535
	MC0033	1620 MOUNTAIN QUEEN	14-48-2	352133	20.534	20.534
	MC0033	1620 SOUTHERN BEAUTY	14-48-2	352133	15.012	15.012

Owner Listing

Shoshone County Assessor  
 Mining Claims  
 Listed in OWNER NAME, PARCEL, SURVEY #, SURVEY NAME order

Owner Name	Parcel	Survey Number & Name	Claim Location	BPT	Claim Acres	Owned Acres
	MC0033 1620	WAVERLY	14-48-2	352133	17.757	17.757
	MC0033 1628	GOODENOUGH	2-48-2	352133	11.886	11.886
	MC0033 1681	MCLELLAN M.S.	11-48-2	352133	4.616	4.616
	MC0033 1688	TUNNEL FRACTION			1.545	1.545
	MC0033 1830	STEMWINDER	12-48-2	352133	7.075	7.075
	MC0033 1882	UTAH	12-48-2	352133	3.427	3.427
	MC0033 1916	BUTTERNUT	13-48-2	352133	1.259	1.259
	MC0033 1916	HOMESTAKE	13-48-2	352133	15.857	15.857
	MC0033 2052	OVERLAP	12-48-2	352133	0.895	0.895
	MC0033 2072	BEE	12-48-2	352133	11.591	11.591
	MC0033 2072	COMBINATION	1/12-48-2	352133	13.568	13.568
	MC0033 2072	HAWK	12-48-2	352133	20.606	20.606
	MC0033 2072	IDAHO	12-48-2	352133	12.922	12.922
	MC0033 2072	IOWA	1/12-48-2	352133	20.650	20.650
	MC0033 2072	OREGON	12-48-2	352133	10.081	10.081
	MC0033 2072	SCORPION FR.	1/12-48-2	352133	7.612	7.612
	MC0033 2072	WASHINGTON	1/12-48-2	352133	20.660	20.660
	MC0033 2077	EIGHTY-FIVE	15-48-2	352133	20.508	20.508
	MC0033 2077	IOWA NO. 2	15-48-2	352133	20.647	20.647
	MC0033 2077	K-10	14-48-2	352133	20.608	20.608
	MC0033 2077	K-11	15-48-2	352133	20.508	20.508
	MC0033 2077	K-12	15-48-2	352133	20.508	20.508
	MC0033 2077	K-13	15-48-2	352133	20.654	20.654
	MC0033 2077	K-16	14-48-2	352133	20.646	20.646
	MC0033 2077	K-17	15-48-2	352133	20.608	20.608
	MC0033 2077	K-18	15-48-2	352133	20.660	20.660
	MC0033 2077	K-19	15-48-2	352133	20.534	20.534

Owner Listing

Shoshone County Assessor  
 Mining Claims  
 Listed in OWNER NAME, PARCEL, SURVEY #, SURVEY NAME order

Owner Name	Parcel	Survey Number & Name	Claim Location	BPI	Claim Acres	Owned Acres
	MC0033	2077 K-20	15-48-2	352133	20.661	20.661
	MC0033	2077 K-21	14-48-2	352133	20.661	20.661
	MC0033	2077 K-22	14-48-2	352133	20.661	20.661
	MC0033	2077 K-23	15-48-2	352133	19.917	19.917
	MC0033	2077 K-28	15-48-2	352133	18.063	18.063
	MC0033	2077 K-29	15-48-2	352133	14.591	14.591
	MC0033	2077 K-30	14-48-2	352133	20.300	20.300
	MC0033	2077 K-31	14-48-2	352133	20.646	20.646
	MC0033	2077 K-32	22-48-2	352133	11.082	11.082
	MC0033	2077 K-39	15-48-2	352133	10.469	10.469
	MC0033	2077 MINNESOTA	15-48-2	352133	17.491	17.491
	MC0033	2077 MISSOURI NO. 2	15-48-2	352133	11.989	11.989
	MC0033	2077 NINETY ONE	15-48-2	352133	20.256	20.256
	MC0033	2077 NINETY-TWO	15-48-2	352133	20.508	20.508
	MC0033	2078 CHAIN	12-48-2	352133	5.014	5.014
	MC0033	2080 K-01	14-48-2	352133	20.515	20.515
	MC0033	2080 K-02	14-48-2	352133	20.515	20.515
	MC0033	2080 K-03	14-48-2	352133	20.661	20.661
	MC0033	2080 K-04	14-48-2	352133	20.658	20.658
	MC0033	2080 K-05	14-48-2	352133	20.659	20.659
	MC0033	2080 K-06	14-48-2	352133	20.661	20.661
	MC0033	2080 K-07	14-48-2	352133	20.661	20.661
	MC0033	2080 K-08	14-48-2	352133	20.661	20.661
	MC0033	2080 K-09	14-48-2	352133	20.651	20.651
	MC0033	2080 K-14	14-48-2	352133	8.549	8.549
	MC0033	2080 K-15	14-48-2	352133	10.262	10.262
	MC0033	2080 K-24	14-48-2	352133	7.176	7.176

Owner Listing

Shoshone County Assessor  
 Mining Claims  
 Listed in OWNER NAME, PARCEL, SURVEY #, SURVEY NAME order

Owner Name	Parcel	Survey Number & Name	Claim Location	BPI	Claim Acres	Owned Acres	
	MC0033	2368	NORMAN	11-48-2	352133	4.198	4.198
	MC0033	2369	GRANT	11/12-48-2	352133	0.128	0.128
	MC0033	2429	CYPRESS	12/13-48-2	352133	0.346	0.346
	MC0033	2432	HICKORY	13-48-2	352133	0.001	0.001
	MC0033	2432	SPRUCE	13-48-2	352133	0.017	0.017
	MC0033	2452	HELEN MARR	12-48-2	352133	2.279	2.279
	MC0033	2452	HEMLOCK	13-48-2	352133	0.189	0.189
	MC0033	2509	SPOKANE	12-48-2	352133	4.789	4.789
	MC0033	2511	HEART	12-48-2	352133	0.123	0.123
	MC0033	2511	JACK	12-48-2	352133	1.082	1.082
	MC0033	2511	KEY	12-48-2	352133	0.287	0.287
	MC0033	2511	QUEEN	12-48-2	352133	0.376	0.376
	MC0033	2511	TEDDY	12-48-2	352133	0.002	0.002
	MC0033	2540	MAY		352133	0.918	0.918
	MC0033	2583	ACE	12/13-48-2	352133	0.073	0.073
	MC0033	2583	CLUB	11/12-48-2	352133	0.088	0.088
	MC0033	2583	DIAMOND	11/12-48-2	352133	0.011	0.011
	MC0033	2583	NELLIE	12-48-2	352133	0.245	0.245
	MC0033	2583	ROMAN	11-48-2	352133	1.443	1.443
	MC0033	2583	SPADE	12-48-2	352133	0.006	0.006
	MC0033	2584	BRADY	12-48-2	352133	0.891	0.891
	MC0033	2587	A	24-48-2	352133	20.532	20.532
	MC0033	2587	B	24-48-2	352133	20.633	20.633
	MC0033	2587	C	24-48-2	352133	20.633	20.633
	MC0033	2587	D	24-48-2	352133	19.725	19.725
	MC0033	2587	DREW	13-48-2	352133	19.483	19.483
	MC0033	2587	E	24-48-2	352133	19.750	19.750

Owner Listing

Shoshone County Assessor  
 Mining Claims  
 Listed in OWNER NAME, PARCEL, SURVEY #, SURVEY NAME order

Owner Name	Parcel	Survey Number & Name	Claim Location	BPT	Claim Acres	Owned Acres
	MC0033	2587 EDNA	13-48-2	352133	12.204	12.204
	MC0033	2587 EMILY GRACE	13-48-2	352133	10.462	10.462
	MC0033	2587 F	24-48-2	352133	14.547	14.547
	MC0033	2587 FOSTER	13-48-2	352133	20.659	20.659
	MC0033	2587 K-40	24-48-2	352133	3.084	3.084
	MC0033	2587 LILLY	13/24-48-2	352133	20.637	20.637
	MC0033	2587 MEDIUM	13-48-2	352133	6.904	6.904
	MC0033	2587 MISSING LINK	24-48-2	352133	14.456	14.456
	MC0033	2587 NO. 1	13/24-48-2	352133	19.670	19.670
	MC0033	2587 NO. 2	13/24-48-2	352133	20.633	20.633
	MC0033	2587 PEAK	24-48-2	352133	20.433	20.433
	MC0033	2587 PENFIELD	13-48-2	352133	20.659	20.659
	MC0033	2587 SILVER	03-48-2	352133	0.003	0.003
	MC0033	2587 SNOWLINE	24-48-2	352133	19.207	19.207
	MC0033	2587 YREKA #10	19-48-3	352133	20.649	20.649
	MC0033	2587 YREKA #11	19-48-3	352133	20.636	20.636
	MC0033	2587 YREKA #12	30-48-3	352133	20.643	20.643
	MC0033	2587 YREKA #13	30-48-3	352133	20.061	20.061
	MC0033	2587 YREKA #14	30-48-3	352133	20.645	20.645
	MC0033	2587 YREKA #15	25-48-2 & 30-48-3	352133	20.592	20.592
	MC0033	2587 YREKA #16	25-48-2 & 30-48-3	352133	20.592	20.592
	MC0033	2587 YREKA #17	30-48-3	352133	20.624	20.624
	MC0033	2587 YREKA #18	30-48-3	352133	20.624	20.624
	MC0033	2587 YREKA #19	24/25-48-2 30-48-3	352133	20.592	20.592
	MC0033	2587 YREKA #20	24-48-2 & 19/30-48-3	352133	20.592	20.592
	MC0033	2587 YREKA #21	19/30-48-3	352133	20.624	20.624
	MC0033	2587 YREKA #22	24-48-2 & 19-48-3	352133	20.415	20.415

Owner Listing

Shoshone County Assessor  
Mining Claims  
Listed in OWNER NAME, PARCEL, SURVEY #, SURVEY NAME order

Owner Name	Parcel	Survey Number & Name	Claim Location	BPT	Claim Acres	Owned Acres
	MC0033	2080 K-25	14-48-2	352133	3.154	3.154
	MC0033	2080 K-26	14-48-2	352133	2.993	2.993
	MC0033	2080 K-27	14-48-2	352133	7.096	7.096
	MC0033	2080 K-33	23-48-2	352133	14.448	14.448
	MC0033	2080 K-34	23-48-2	352133	18.554	18.554
	MC0033	2080 K-35	23-48-2	352133	10.453	10.453
	MC0033	2080 K-36	23-48-2	352133	20.128	20.128
	MC0033	2080 K-37	23-48-2	352133	20.661	20.661
	MC0033	2080 K-38	23-48-2	352133	20.661	20.661
	MC0033	2080 KANSAS	14-48-2	352133	20.536	20.536
	MC0033	2080 MISSOURI	14-48-2	352133	20.061	20.061
	MC0033	2080 TEXAS	14-48-2	352133	20.556	20.556
	MC0033	2081 BEAR	13-48-2	352133	16.919	16.919
	MC0033	2081 BLACK	18-48-3	352133	20.640	20.640
	MC0033	2081 BROWN	18-48-3	352133	20.248	20.248
	MC0033	2081 DEWEY	18-48-3	352133	20.656	20.656
	MC0033	2081 ITO	13-48-2	352133	6.456	6.456
	MC0033	2081 OYAMA	13-48-2	352133	6.278	6.278
	MC0033	2081 S-01	18/19-48-3	352133	20.641	20.641
	MC0033	2081 S-02	18/19-48-3	352133	18.870	18.870
	MC0033	2081 S-03	18/19-48-3	352133	20.655	20.655
	MC0033	2081 S-04	18/19-48-3	352133	20.633	20.633
	MC0033	2081 S-05	19-48-3	352133	20.641	20.641
	MC0033	2081 S-06	19-48-3	352133	20.641	20.641
	MC0033	2081 S-07	19-48-3	352133	20.641	20.641
	MC0033	2081 S-08	18/19-48-3	352133	20.641	20.641
	MC0033	2081 S-09	24-48-2 & 19-48-3	352133	20.641	20.641

## Owner Listing

Shoshone County Assessor  
Mining Claims  
Listed in OWNER NAME, PARCEL, SURVEY #, SURVEY NAME order

Owner Name	Parcel	Survey Number & Name	Claim Location	BPI	Claim Acres	Owned Acres
	MC0033	2081 S-10	13/24-48-2 18-49-3	352133	20.640	20.640
	MC0033	2081 S-11	13-48-2	352133	20.601	20.601
	MC0033	2081 S-12	13-48-2	352133	20.518	20.518
	MC0033	2081 S-13	13-48-2	352133	19.218	19.218
	MC0033	2081 SAMPSON	18-48-3	352133	18.023	18.023
	MC0033	2081 SARINA	18-48-3	352133	12.967	12.967
	MC0033	2081 STAR	18-48-3	352133	18.545	18.545
	MC0033	2186 SIMS	12-48-2	352133	0.191	0.191
	MC0033	2187 LINCOLN	11/12-48-2	352133	0.082	0.082
	MC0033	2201 BROOKLYN	10-48-2	352133	17.889	17.889
	MC0033	2201 NEW JERSEY	10-48-2	352133	18.477	18.477
	MC0033	2201 SCHUTE FR.	10-48-2	352133	10.463	10.463
	MC0033	2203 BONAZA KING	18-48-3	352133	18.591	18.591
	MC0033	2204 FUNSTON	18-48-3	352133	19.447	19.447
	MC0033	2204 GET THERE	18-48-3	352133	19.446	19.446
	MC0033	2204 JUNCTION	18-48-3	352133	19.446	19.446
	MC0033	2204 LAST CHANCE	18-48-3	352133	19.447	19.447
	MC0033	2249 CHEYENNE	12-48-2	352133	8.341	8.341
	MC0033	2250 BUCKEYE	13-48-2	352133	12.177	12.177
	MC0033	2274 ATLAS	17/18/19/20-48-3	352133	10.634	10.634
	MC0033	2274 GLOBE	18-48-3	352133	5.126	5.126
	MC0033	2274 LONG GREEN	19/20-48-3	352133	20.011	20.011
	MC0033	2274 O.K.	18/19-48-3	352133	14.084	14.084
	MC0033	2274 TIMOTHY	18-48-3	352133	19.936	19.936
	MC0033	2274 TIMOTHY FR.	18-48-3	352133	0.586	0.586
	MC0033	2328 CONFIDENCE	7-48-3	352133	17.599	17.599
	MC0033	2328 FLAGSTAFF	31-50-5	352133	12.847	12.847

Owner Listing

Shoshone County Assessor  
 Mining Claims  
 Listed in OWNER NAME, PARCEL, SURVEY #, SURVEY NAME order

Owner Name	Parcel	Survey Number & Name	Claim Location	BPI	Claim Acres	Owned Acres
	MC0033	2587 YREKA #23	19-48-3	352133	20.507	20.507
	MC0033	2587 YREKA #24	19-48-3	352133	20.649	20.649
	MC0033	2587 YREKA #25	24-48-2 & 19-48-3	352133	19.257	19.257
	MC0033	2587 YREKA #26	19-48-3	352133	20.649	20.649
	MC0033	2599 BOER	12-48-2	352133	3.516	3.516
	MC0033	2599 GRANT	12/13-48-2	352133	0.372	0.372
	MC0033	2611 A-1	12/13-48-2	352133	20.065	20.065
	MC0033	2611 A-2	12/13-48-2	352133	15.864	15.864
	MC0033	2611 ASSET	12/13-48-2	352133	0.567	0.567
	MC0033	2611 CHILDS	12/13-48-3	352133	4.259	4.259
	MC0033	2611 ELI	18-48-3	352133	0.104	0.104
	MC0033	2611 EVANS	18-48-3	352133	3.876	3.876
	MC0033	2611 GUM	18-48-3	352133	0.208	0.208
	MC0033	2611 NICK	12/13-48-2	352133	15.516	15.516
	MC0033	2611 OX	18-48-3	352133	8.103	8.103
	MC0033	2611 RUTH	18-48-3	352133	2.511	2.511
	MC0033	2611 SHERMAN	12/13-48-2	352133	0.604	0.604
	MC0033	2611 SIMMONS	12/13-48-2	352133	0.391	0.391
	MC0033	2611 TAFT	18-48-3	352133	0.898	0.898
	MC0033	2611 YALE	12/13-48-2	352133	0.052	0.052
	MC0033	2624 AFRICAN	13-48-2	352133	2.046	2.046
	MC0033	2624 GUS	13-48-2	352133	0.709	0.709
	MC0033	2624 ROY	13-48-2	352133	0.038	0.038
	MC0033	2624 TRUMP	13-48-2	352133	0.002	0.002
	MC0033	2654 KIRBY FR.	12-48-2	352133	6.822	6.822
	MC0033	2654 MCCLELLAN	12-48-2	352133	8.907	8.907
	MC0033	2654 MILES	12-48-2	352133	15.846	15.846

Owner Listing

Shoshone County Assessor

Mining Claims

Listed in OWNER NAME, PARCEL, SURVEY #, SURVEY NAME order

Owner Name	Parcel	Survey Number & Name	Claim Location	BPI	Claim Acres	Owned Acres
	MC0033	2654 PITT	12-48-2	352133	0.809	0.809
	MC0033	2868 BONANZA KING M.S.	8-48-3	352133	4.032	4.032
	MC0033	2870 STANDARD	17-48-3	352133	8.680	8.680
	MC0033	2921 FLAGSTAFF NO. 2	12-48-2	352133	6.353	6.353
	MC0033	2921 FLAGSTAFF NO. 3	12-48-2	352133	10.157	10.157
	MC0033	2921 FLAGSTAFF NO. 4	12-48-2	352133	17.783	17.783
	MC0033	2921 SCELINDA NO. 1	1-48-2	352133	17.316	17.316
	MC0033	2921 SCELINDA NO. 2	1/12-48-2	352133	19.375	19.375
	MC0033	2921 SCELINDA NO. 3	1/12-48-2	352133	13.739	13.739
	MC0033	2921 SCELINDA NO. 4	1/12-48-2	352133	10.380	10.380
	MC0033	2921 SCELINDA NO. 5	1/12-48-2	352133	14.083	14.083
	MC0033	2921 SCELINDA NO. 7	1-48-2	352133	17.477	17.477
	MC0033	2921 SCELINDA NO. 8	1-48-2	352133	12.162	12.162
	MC0033	2966 ETHEL	11/14-48-2	352133	16.268	16.268
	MC0033	2966 KATHERINE	11-48-2	352133	14.617	14.617
	MC0033	2966 MANCHESTER	10/11-48-2	352133	17.196	17.196
	MC0033	2966 MCROONEY	10/11-48-2	352133	4.634	4.634
	MC0033	2966 STUARD NO. 2	10/11-48-2	352133	20.464	20.464
	MC0033	2966 STUARD NO. 3	10/11-48-2	352133	20.659	20.659
	MC0033	2966 SULLIVAN	10/11-48-2	352133	16.740	16.740
	MC0033	2966 SWITZERLAND	10/11-48-2	352133	10.328	10.328
	MC0033	2975 HOOVER NO. 1	13/14-48-2	352133	17.156	17.156
	MC0033	2975 HOOVER NO. 2	13/14-48-2	352133	19.983	19.983
	MC0033	2975 HOOVER NO. 3	13/14-48-2	352133	16.005	16.005
	MC0033	2975 HOOVER NO. 4	13/14-48-2	352133	14.547	14.547
	MC0033	2975 HOOVER NO. 5	13/14-48-2	352133	13.222	13.222
	MC0033	2976 ADATH	22/23-48-2	352133	20.659	20.659

## Owner Listing

Shoshone County Assessor  
Mining Claims  
Listed in OWNER NAME, PARCEL, SURVEY #, SURVEY NAME order

Owner Name	Parcel	Survey Number & Name	Claim Location	BPT	Claim Acres	Owned Acres
	MC0033	2976 AL KYRIS	22/23-48-2	352133	20.659	20.659
	MC0033	2976 ANNA LAURA	23-48-2	352133	20.659	20.659
	MC0033	2976 ATLAS	22/23-48-2	352133	20.659	20.659
	MC0033	2976 ATLAS NO. 1	22/23-48-2	352133	20.659	20.659
	MC0033	2976 FRACTION	22/23-48-2	352133	15.574	15.574
	MC0033	2976 GAY	22/23-48-2	352133	3.348	3.348
	MC0033	2976 PANORAMA	22/23-48-2	352133	16.997	16.997
	MC0033	2976 RED DEER	22/23-48-2	352133	20.654	20.654
	MC0033	2976 SETZER	22/23-48-2	352133	13.800	13.800
	MC0033	2977 LESLEY	23/26-48-2	352133	20.312	20.312
	MC0033	2977 LESLEY NO. 2	23/26-48-2	352133	20.659	20.659
	MC0033	2977 LESLEY NO. 3	23/26-48-2	352133	20.659	20.659
	MC0033	2977 LITTLE ORE GRANDA	23/26-48-2	352133	20.659	20.659
	MC0033	2977 NORTH WELLINGTON	23/26-48-2	352133	20.639	20.639
	MC0033	2977 ORE GRAND NO. 1	23-48-2	352133	20.312	20.312
	MC0033	2977 ORE GRAND NO. 2	23-48-2	352133	20.659	20.659
	MC0033	2977 ORE GRAND NO. 3	23-48-2	352133	20.659	20.659
	MC0033	2977 ORE GRAND NO. 4	23/26-49-2	352133	20.659	20.659
	MC0033	2977 ORE GRAND NO. 5	23/26-48-2	352133	20.458	20.458
	MC0033	2977 WELLINGTON	23/26-48-2	352133	16.910	16.910
	MC0033	3013 COUNT	17-48-3	352133	10.985	10.985
	MC0033	3051 MARKO	7/18-48-3	352133	15.542	15.542
	MC0033	3051 V.M. NO. 1	7/18-48-3	352133	11.750	11.750
	MC0033	3051 V.M. NO. 2	7/18-48-3	352133	14.273	14.273
	MC0033	3096 ARMY	22-48-2	352133	19.179	19.179
	MC0033	3096 NAVY	22-48-2	352133	5.879	5.879
	MC0033	3097 ORACLE	23-48-2	352133	10.963	10.963

Owner Listing

Shoshone County Assessor

Mining Claims

Listed in OWNER NAME, PARCEL, SURVEY #, SURVEY NAME order

Owner Name	Parcel	Survey Number & Name	Claim Location	BPT	Claim Acres	Owned Acres
	MC0033	3097 ORBIT	23-48-2	352133	20.661	20.661
	MC0033	3097 OREANO	23-48-2	352133	19.640	19.640
	MC0033	3097 ORESHOOT	23-48-2	352133	12.173	12.173
	MC0033	3097 ORIENT	22-48-2	352133	13.451	13.451
	MC0033	3097 ORIENTAL	22/23-48-2	352133	9.262	9.262
	MC0033	3097 ORPHAN	23-48-2	352133	9.422	9.422
	MC0033	3097 ORPHEUM	23-48-2	352133	20.458	20.458
	MC0033	3108 EAST MIDLAND	19-48-3	352133	19.714	19.714
	MC0033	3108 MIDLAND	24-48-2	352133	4.500	4.500
	MC0033	3108 MIDLAND NO. 1	24-48-2	352133	17.777	17.777
	MC0033	3108 MIDLAND NO. 3	24-48-2	352133	20.658	20.658
	MC0033	3108 MIDLAND NO. 4	24-48-2	352133	19.220	19.220
	MC0033	3108 MIDLAND NO. 5	24-48-2	352133	13.621	13.621
	MC0033	3108 MIDLAND NO. 6	24-48-2	352133	18.518	18.518
	MC0033	3108 MIDLAND NO. 7	24-48-2	352133	12.812	12.812
	MC0033	3108 MIDLAND NO. 8	24-48-2	352133	11.436	11.436
	MC0033	3108 NORTH MIDLAND	13/24-48-2	352133	13.924	13.924
	MC0033	3177 MONTE CARLO NO. 1	18-48-3	352133	11.386	11.386
	MC0033	3177 MONTE CARLO NO. 2	18-48-3	352133	13.643	13.643
	MC0033	3177 MONTE CARLO NO. 3	18-48-3	352133	13.868	13.868
	MC0033	3177 MONTE CARLO NO. 4	18-48-3	352133	20.465	20.465
	MC0033	3177 MONTE CARLO NO. 5	18-48-3	352133	13.160	13.160
	MC0033	3179 LONG JOHN	7-48-3	352133	7.510	7.510
	MC0033	3214 L-1	2-48-2	352133	6.722	6.722
	MC0033	3389 PETE	10-48-2	352133	20.643	20.643
	MC0033	3389 PROMINADE	10/15-48-2	352133	13.093	13.093
	MC0033	3389 SAM	10/15-48-2	352133	20.451	20.451

## Owner Listing

Shoshone County Assessor  
Mining Claims  
Listed in OWNER NAME, PARCEL, SURVEY #, SURVEY NAME order

Owner Name	Parcel	Survey Number & Name	Claim Location	BPT	Claim Acres	Owned Acres
	MC0033	3389 ZEKE	10/11-48-2	352133	3.623	3.623
	MC0033	3390 BATTLESHIP OREGON	14-48-2	352133	20.100	20.100
	MC0033	3390 CHARLEY T.		352133	9.028	9.028
	MC0033	3390 LUCIA	11/14-48-2	352133	17.644	17.644
	MC0033	3390 MARBLEHEAD	11/14-48-2	352133	19.333	19.333
	MC0033	3390 MARGARET	14-48-2	352133	13.892	13.892
	MC0033	3390 NANCY B.	11/14-48-2	352133	2.498	2.498
	MC0033	3390 OLYMPIA	11-48-2	352133	20.545	20.545
	MC0033	3390 PHIL	14-48-2	352133	4.410	4.410
	MC0033	3471 BETA	13-48-2	352133	13.973	13.973
	MC0033	3503 BADGER	17-48-3	352133	13.594	13.594
	MC0033	3503 CASTLE	17-48-3	252133	1.606	1.606
	MC0033	3503 GOVERNOR	17-48-3	352133	8.963	8.963
	MC0033	3503 NO. 2	30-49-5	352133	4.203	4.203
	MC0033	3503 SCOTT	17/18-48-3	352133	0.119	0.119
	MC0033	3503 WINFIELD	17-48-3	352133	1.816	1.816
	MC0064	0579 BUNKER HILL	13-48-2	353115	17.030	17.030
	MC0064	0580 SULLIVAN	13-48-2	353115	313.088	13.088
	MC0064	0581 IMPORTANT FRAC.	13-48-2	353115	2.590	2.590
	MC0064	0604 PHIL SHERIDAN	13-48-2	353115	11.034	11.034
	MC0064	0607 REED FRAC.	13-48-2	353115	11.410	11.410
	MC0064	0608 BUNKER HILL M.S.	13-48-2	353115	4.129	4.129
	MC0064	0609 SMALL HOPES (AMND.)	13-48-2	353155	1.612	1.612
	MC0064	0629 BOTTOM DOLLAR FRAC.	12-48-2	353155	0.607	0.607
	MC0064	0632 CHESTNUT FRAC.	13-48-2	353155	0.753	0.753
	MC0064	0703 EMMA & LAST CHANCE	12-48-2	353155	2.197	2.197
	MC0064	0836 TURKEY BUZZARD	13-48-2	353155	0.559	0.559

## Owner Listing

Shoshone County Assessor  
Mining Claims

Listed in OWNER NAME, PARCEL, SURVEY #, SURVEY NAME order

Owner Name	Parcel	Survey Number & Name	Claim Location	BPI	Claim Acres	Owned Acres
	MC0064	0837 SNOWSLIDE FRAC.	13-48-2	353155	0.059	0.059
	MC0064	1085 SILVER	12/13-48-2	353155	7.003	7.003
	MC0064	1192 JOHANNESBURG	12-48-2	353115	20.660	20.660
	MC0064	1328 PURITAN (AMND.)	12-48-2	353115	10.255	10.255
	MC0064	2065 TRIANGLE FRAC.	13-48-2	353115	0.084	0.084
	MC0064	2599 BEN HERR	12-48-2	353115	3.159	3.159
	MC0064	2599 KRUGER	12/13-48-2	353115	2.502	2.502
	MC0064	2599 PHILIPPINE	12-48-2	353115	7.655	7.655
	MC0064	2611 HOUGH	12/13-48-2	353115	13.407	13.407
	MC0064	3470 LUCKY	13/18-48-3	353115	17.864	17.864
	MC0140	3472 SPOKANE CENTRAL #1	19/20/29/30-48-3	352133	18.633	18.633
	MC0140	3472 SPOKANE CENTRAL #2	19/20/29/30-48-3	352133	20.143	20.143
	MC0140	3472 SPOKANE CENTRAL #3	19/20/29/30-48-3	352133	18.756	18.756
	MC0140	3472 SPOKANE CENTRAL #4	19/20/29/30-48-3	352133	20.297	20.297
	MC0140	3472 SPOKANE CENTRAL #5	19/20/29/30-48-3	352133	20.625	20.625
	MC0140	3472 SPOKANE CNTL #3 FR.	19/20/29/30-48-3	352133	18.756	18.756
	MC0162	3361 ANACONDA LODGE	2-47-2	352133	19.672	19.672
	MC0162	3361 APEX LODGE	2-47-2	352133	14.326	14.326
	MC0162	3361 APEX NO. 2 LODGE	1-47-2	352133	20.226	20.226
	MC0162	3361 APEX NO. 3 LODGE	1/2-47-2	352133	18.852	18.852
	MC0162	3361 BLUE BIRD LODGE	2-47-2	352133	8.401	8.401
	MC0162	3361 BLUE GROUSE LODGE	2-47-2	352133	20.661	20.661
	MC0162	3361 BOB WHITE	2-47-2	352133	20.454	20.454
	MC0162	3361 BUTTE	2-47-2	352133	17.963	17.963
	MC0162	3361 BUTTE FRACTION	2-47-2	352133	5.253	5.253
	MC0162	3361 COUGAR	2-47-2 & 35-48-2	352133	20.661	20.661
	MC0162	3361 GALENA	1-47-2	352133	12.404	12.404

## Owner Listing

Shoshone County Assessor  
Mining Claims  
Listed in OWNER NAME, PARCEL, SURVEY #, SURVEY NAME order

Owner Name	Parcel	Survey Number & Name	Claim Location	BPI	Claim Acres	Owned Acres
	MC0162 3361	HUCKELBERRY NO. 2	2-47-2	352133	19.672	19.672
	MC0162 3361	LEOPARD	2-47-2	352133	20.661	20.661
	MC0162 3361	LYNX	35-48-2	352133	20.661	20.661
	MC0162 3361	MACBENN	2-47-2	352133	20.454	20.454
	MC0162 3361	MARTIN	2-47-2 & 35-48-2	352133	20.661	20.661
	MC0162 3361	PHEASANT	2-47-2	352133	20.661	20.661
	MC0162 3361	ROBBIN	2-47-2	352133	20.454	20.454
	MC0162 3361	SONORA	1/2-47-2	352133	20.663	20.663
	MC0167 2856	BABY	2/3-47-2	352133	57.486	7.081
	MC0167 2856	KEYSTONE	2/3-47-2	352133	1.000	1.000
	MC0167 2856	VAN	2/3-47-2	352133	1.000	1.000
	MC0167 2856	WOODRAT	2/3-47-2	352133	1.000	1.000
	MC0177 2204	ONCE AGAIN	20-48-3	352133	19.446	9.700
	MC0177 2274	HORNET	16-48-3	352133	16.968	16.968
	MC0177 2274	MONMOUTH	15-48-3	352133	20.630	20.630
	MC0177 3015	QUEEN	16-48-3	352133	2.220	2.220
	MC0177 3298	SPRING	15-48-3	352133	20.651	20.651
	MC0177 3503	MOAT	17/18-48-3	352133	4.936	4.936
	MC0268 3423	BLACK DIAMOND	3 & 10-48-3		15.305	15.305
	MC0268 3423	CARBONATE	3 & 10-48-3		6.778	6.778
	MC0268 3423	ENTERPRISE	3 & 10-48-3		3.616	3.616
	MC0268 3423	ENTERPRISE EXTENSION	3 & 10-48-3		19.658	19.658
	MC0268 3423	GELATINE	3 & 10-48-3		9.640	9.640
	MC0268 3423	GIANT	3 & 10-48-3		8.275	8.275
	MC0268 3423	ROLLING STONE	3 & 10-48-3		16.835	16.835
	MC0269 2274	ARTIC	15-48-3	352133	16.255	16.255
	MC0269 2274	BANNER HILL	16-48-3	352133	20.479	20.479

Owner Listing

Shoshone County Assessor  
 Mining Claims  
 Listed in OWNER NAME, PARCEL, SURVEY #, SURVEY NAME order

Owner Name	Parcel	Survey Number & Name	Claim Location	BPI	Claim Acres	Owned Acres
	MC0269	2274 CHICAGO	16-48-3	352133	11.676	11.676
	MC0269	2274 EVENING STAR	15-48-3	352133	20.637	20.637
	MC0269	2274 EVENING STAR FR.	15-48-3	352133	3.392	3.392
	MC0269	2274 MARYLAND	15-48-3	352133	20.660	20.660
	MC0269	2274 NEW YORK	16-48-3	352133	16.655	16.655
	MC0269	2274 OREGON	15-48-3	352133	20.661	20.661
	MC0269	2274 OREGON NO. 2	15-48-3	352133	20.660	20.660
	MC0269	2274 SILVER CORD	15-48-3	352133	20.660	20.660
	MC0269	2274 SURPRISE	16-48-3	352133	20.353	20.353
	MC0269	2274 SURPRISE FR.	16-48-3	352133	4.173	4.173
	MC0335	9335 MC0335-9335			141.961	141.961
	MC0346	9346 MC0346-9346			56.135	56.135
	MC0347	9347 MC0347-9347			20.391	20.391
	MC0348	9348 MC0348-9348			22.753	22.753
	MC0349	9349 MC0349-9349			7.344	7.344
	MC0350	9350 MC0350-9350			40.639	40.639
	MC0351	9351 MC0351-9351			74.225	74.225
	MC0352	9352 MC0352-9352			729.747	729.747
	MC0392	9392 MC0392-9392			26.262	26.262
	MC0393	9393 MC0393-9393			17.724	17.724
	MC0394	9394 MC0394-9394			1.922	1.922
	MC0395	9395 MC0395-9395			0.856	0.856
	MC0396	9396 MC0396-9396			5.257	5.257
	MC0466	9466 MC0466-9466			11.628	11.628
	MC0467	9467 MC0467-9467			0.956	0.956
	MC0498	9498 MC0498-9498			18.407	18.407
	MC0499	9499 MC0499-9499			0.730	0.730

- **Bunker Hill Mining Company**
  - Special Collections 367
    - University of Idaho



## BUNKER HILL MINING COMPANY

Bunker Hill Description / Series List

## INVENTORY

Box Folder Description Items

## I. Administrative Records, 1887-1978

os	1-4	Minute books, Bunker Hill and Sullivan Mining and Concentrating Company, 1887-March 1924	4
1-4	5-12	Minute books, Bunker Hill and Sullivan Mining and Concentrating Company, March 1924-May 1968	8
5	13-15	Minute books, Sullivan Mining Company, May 1917-December 1955	2
	16-17	Minutes of the Executive Committee of the Board of Directors, 1905-1927	3
	18	Articles of Incorporation, By-laws, etc., 1887-1976	11
	19-25	Annual reports, 1893-1921	33
6	26-35	Annual reports, 1922-1978	59
	36	Bunker Hill quarterly reports, 1956-1968	48
	37	Gulf Resources and Chemical quarterly reports, 1968-1976	30
	38	Management organization chart, 1969	1
	39-43	Management Committee meetings, 1955-1962	130
	44-46	Management-Operating Committee meetings, 1963-1966	43
7	47	Management-Operating Committee meetings, 1967-1969	20
	48-49	Management Committee meetings, 1969-1972	59
	50-51	Operating Committee meetings, 1955-1972	39
	52	Planning and development committee, 1956-1959	34
	53-61	Staff reports to Board of Directors, 1961-1968	13
	62	Notice of annual meeting of stockholders, 1968	1

## II. Correspondence, 1892-1981

	63-67	Managers letters, 1892-April 1895	475
8	68-86	Managers letters, September 1895-1899	1162
9	87-92	Managers letters, 1900-1901	551
	93-99	General correspondence, 1894-1900	675
	100-102	Stockholders correspondence, 1894-1901	428
	103-105	F.W. Bradley correspondence, 1900-1902	291
	106-108	Managers letters, Easton to Bradley, 1904-1906	252
10	109-123	Managers letters, Easton to Bradley, 1907-1915	1572
	124	Managers letters, Easton to Bradley (Concentration), 1905-1912	130
	125-130	Managers letters, Easton to Bradley, 1916-1917	668
11	131-147	Managers letters, Easton to Bradley, 1918-July 1924	1872
12	148-154	Managers letters, Easton to Bradley, August 1924-1926	587
	155	Easton to Labarthe, 1914-1921	87
	156-163	Managers letters, Bradley to Easton, 1921-1926	1048
	164	A.A. Irish to F.W. Bradley, 1916-1928	49
	165-166	Oscar Hershey to F.W. Bradley, 1918-1928	177
	167	Easton to Alaska Juneau Gold Mining Company 1925-1937	3
	168-169	Urym C. Tainton to F.W. Bradley, 1920-1930	86
	170-171	Acid marketing, 1942-1953; 1972	107
	172	Employee and Public Relations Division, 1955-1958	34
13	173-175	Lead: Sales contract and correspondence, 1960-1967	161
	176-177	Allied Chemical: W.G. Hewitt files, 1952-1966	100
	178	Prospective customers, 1952-1953	46
	179	Acid, General, 1952-1953	13
	180	Simplot acid contract, 1959-1960	39
	181	Sulfuric acid data, 1954-1955	17
	182	G., 1955	6
	183	Sullivan Mining Co., 1955	58
	184	General Chemical Division, 1954-1959	65
	185	Acid plant, 1952-1953	27
	186	Sulfuric acid, 1953-1960	95
	187-189	E. Viet Howard Files, 1979	109
		Alphabetical Files	
	190	A, 1978	1
	191	Acquisitions, 1978	3
	192	Airco, Inc., 1973	2
	193	Alusiusse, 1978	3
	194	American Mining Congress, 1978	4
	195	Amaconda Company, 1973	4
	196	Annual Report/Quarterly Reports, 1978	8
	197	Bott (L.L.) & Associates, 1974-1975	6
	198	Brown, Peacock, Keane, & Boyd, 1974-1976	14
	199	C., 1978	4
	200	Corporate planning, 1975	2
	201	D., 1974-1978	3
	202	DOT-FRA (Department of Transportation - Federal Railway Administration), 1978-1981	21
	203	E., 1978	1
	204	Employee and Public Relations, 1978	5
	205	Engineering/Maintenance, 1978	9
	206	Environmental affairs, 1975-1978	14
	207	Environmental Protection Agency, 1973-1975	19
	208	Federation of Rocky Mountain States, 1973-1975	15
	209	Fiftieth Zinc Plant anniversary, 1978	36
	210-212	First Boston Corporation, 1979-1980	57
14	213	Fuming plant suit, 1978-1979	15
	214	G., 1973-1975	2
	215	Greater Shoshone County, Inc., 1975-1978	8
	216-217	Gulf Resources and Chemical, 1973-1980	64
	218	H., 1977	1
	219-222	Halley, James H. - Company, 1973-1977	99
	223	Handy and Harman visit, 1973	16
	224	Hecla Bunker Hill scholarships, 1977-1978	5
	225	Hecla Mining Company, 1973-1977	30
	226	Hecla II (reopening of the Star zinc concentrate contract), 1978-1980	22
	227	Hecla III (silver tolling option), 1978-1979	7
	228	Henderson (Dale), Inc., 1975-1978	11
	229	Higdon Mine, 1978	1
	230	Hoover, Dick, 1979-1980	5
	231	Howard, E.V. - Company, 1978-1979	33
	232	Idaho Department of Health & Welfare, 1974-1975	13
	233-234	Idaho Mining Association, 1980	58
	235	Board of Directors, 1980	26
	236-238	Advisory Committee to U of I College of Mines, 1975-1978	57
	239	Incad Corporation, 1971-1979	39

240	K.L. 1976-1978	4
241	Lead - OSHA, 1978-1980	19
242-243	Lead Industries/Zinc Institute, 1980	15
244	Lead Smelter, 1978	10
245-247	Lead Zinc Producers, 1980	69
248	K., 1977-1978	5
249-250	Marketing, 1973-1980	40
251	Metaline Contact Mines, 1977-1978	18
252	Mine Safety & Health Administration, 1980	2
253	Mining, 1978	3
254	New Jersey Zinc, 1974-1975	11
15	255-258 National (Lead) Industries, 1973-1975	112
259	NLI suit - depositions, 1975-1977	3
260	Nonferrous Smelter Advisory Council, 1978	15
261	Northwest Mining Association, 1977-1978	5
262-266	Phillipp Brochures, 1973-1980	223
267	Political action committee, 1977-1978	10
268-269	President's meetings, 1977-1978	27
270-271	Price controls/Lead and zinc, 1978-1979	58
272	R., 1977	1
273	Reeves, MacDonald, 1978	2
274	S., 1977-1978	3
275-278	Sherwin-Williams Company, 1975-1978	154
279	Shoshone Project (lead contamination), 1974-1975	15
280	Silverhorn Ski Bowl, 1973	17
281	Stauffer Chemical Co., 1973-1978	50
282	Strike letters/memos, 1977	16
283	Technical services, 1974	1
284	U., 1978	1
285	United Steelworkers, 1980	2
286	Universal Scheduling Co., 1976-1977	4
287	University of Idaho, Bunker Hill mineral resources scholarship, 1978	3
288	W., 1975-1978	2
289	Water case (EVH file-partial), 1979	4
290	WKE (Western Knapp Engineers), 1974	3
16	291-296 Woodruff, Frank G., 1973-1978	165
297	Zinc Plant, 1978	3
298	Zecla Mining Co., 1970	19
299	Star Unit area, 1963-1967	25
300	Star Mine, 1968-1970	25

III. Financial Records, 1885-1982

	Numerical Files		
301	1002. Cash, Crocker-Citizens National Bank, 1969-1972	5	
302	1005. Petty cash fund - Kellogg, 1972	2	
303	1010. Payroll imprest fund - hourly, 1971-1981	19	
304	1013. Cash, Bank of the Commonwealth, 1968	1	
305	1055. First National City Bank, New York, 1972-1975	6	
306	1105. Sale of products, 1969-1980	93	
307	1150. General, 1969-1980	20	
308	1170. Accrued interest receivable, 1979	1	
309	1180. Water billings, 1973	2	
310	1181. Ground leases, 1970-1978	10	
311	1190. Employees, General, 1971-1977	8	
312	1191. Employees, travel, 1980	22	
313-314	1191. Employees, travel, reconciled accounts, 1979-1982	129	
315	1192. Pension, medical insurance premium, 1980	2	
316	1225. Inventory: Smelter, all metals, 1965-1969	6	
317	1255. Inventory: Stores, 1969-1978	24	
318	1260. Inventory: Smelter supplies, Miscellaneous, 1970-1972	10	
319	1275. Inventory: BH brand fertilizer, 1970	1	
320	1299. Reserve for obsolete stores inventory, 1975-1979	2	
321	1311. Prepaid administrative expenses, 1978-1982	25	
322	1315. Prepaid leasing, 1975-1981	5	
17	323	1330. Miscellaneous deferred charges, 1969-1981	28
	324	1365. Employee and community expense, 1963-1981	8
	325	1405. Real estate, 1969	1
	326	1415. Water rights, 1975	1
	327	1445. Wigdon-land, 1976-1980	3
	328	1470. Mining property--Bunker Hill mine, 1980	1
	329	1475. Mining property--Crescent mine, 1972-1978	2
	330	1480. Mining property--Star mine, 1980	1
	331	1485. Mining property--Pend Oreille Mine, 1977-1980	1
	332	1490. Non-operating mining property, 1970-1973	3
	333	1506. New additions from 1/1/58, 1969-1978	11
	334	1530. Star plant and equipment, 1977	1
	335	1535. Seattle plant and equipment, 1968-1977	4
	336	1550. Auto - Kellogg operations, 1970-1982	21
	337	1580. Construction in progress, Kellogg, 1978	1
	338	1670. Reserve for depletion--mining properties, BH mine, 1971-1977	2
	339	1675. Reserve for depletion--mining properties, Crescent mine, 1972	1
	340	1750. Loans, notes and cont. rec., other, 1979	1
	341	1752. Notes received, Reeves MacDonald, 1974	1
	342	1755. Notes received, Pacific Division (Coleman), 1979	1
	343	1755. Deposits, 1979-1980	5
	344	1780. Special operations and other deferred, 1975-1979	4
	345	1804. Investment: Affiliated companies, 1972-1976	11
	346	1812. 2/3 share of Cortez joint venture, 1969	1
	347	1850. Investment in subsidiary companies, 1970	1
	348	1855. Miscellaneous stocks and bonds, 1972-1980	5
	349	1880. Vanguard, 1975	2
	350	1901. Star unit pension, 1974-1977	6
	351	1908. BH-Stauffer joint venture, 1978	1
	352	2130. General accounts payable, Kellogg, 1970-1982	48
	353	2135. Stores invoices payable, 1970-1974	15
	354	2140. Miscellaneous smelter supplies payable, 1970-1974	43
	355	2150. Ore purchases payable, smelter and zinc plant, 1969-1974	71
	356	2159. Lease and custom ores payable, 1970-1974	31
	357	2205. Real estate and property taxes payable, 1967-1973	12
	358	2210. Federal diesel fuel tax payable, 1970	1
	359	2210. Idaho sales and use tax payable, 1968-1981	7
	360	2212. Idaho mine license tax payable, 1949-1971	2
	361	2214. Idaho diesel fuel tax payable, 1970	1
	362	2246. Employee unemployment insurance payable, 1976-980	20
	363	2270. Employees federal OAS payable, 1972	1
	364	2272. Employees federal withholding taxes payable, 1967-1973	13
	365	2282. Employees MO withholding taxes payable, 1970	1
	366	2305. Smelter duty payable (U.S. import duty), 1973	1
	367	2307. Zinc plant duty payable (U.S. import on metals), 1973	1
	368	2320. Accrued interest payable, 1978-1979	4
	369	2340. Employee non occupational accident and sick claims payable, 1970-1980.	5
	370	2345. Compensation insurance awards payable, 1970-1972	14
	371	2346. Accrued compensation awards payable, 1970-1981	22

172	2360. Pension trust payable--salary plan, 1965-1978	21
173	2370. Employee's subscriptions--U.S. savings bonds, 1972-1982	39
174	2380. Deferred credits, 1977-1982	30
175	2406. Accrued taxes on income - State, 1970-1971	3
176	2440. Notes payable, long term, 1967	1
177	4537. Rentals net - Bend Oreille	2
178	21-2208. Plant and equipment, 1971-1972	5
	Alphabetical files, 1971-1982	
179	Agro-Becker Products Co., 1974-1975	3
180	Allied Chemical Division, 1975	3
181	J. Aron & Company--Pandora management, 1975	10
182	Sherwin-Williams Company, 1975	5
183	Phillipp Brothers, 1975	2
184	Rudolph Wolf & Co.--U.S. Steel, 1975	7
185	USS Lead Refinery, 1974-1975	9
186-187	Accounts payable: A-D, 1974-1976	40
188	Greater Shoshone County, Inc., 1974-1975	23
189	H-McG, 1974-1976	13
190	McKee, Arthur G., 1975-1976	10
191	O-W, 1974-1976	13
192	Wold, Warren S., 1974	10
193-196	Property purchases, 1974-1976	105
197	Invoices: ACP Industries, Inc., 1978	4
198	Air-Sea-Land Travel Service, 1976	35
199	American Management Association, 1977	36
400	Arthur Anderson & Co., 1979	7
401	Bache, Halsey, Stuart, Shields, inc., 1977	10
402	Commercial State Bank, 1975	4
403	Cosmopolitan Travel Service, 1978	1
404-405	Gulf Resources and Chemical Exploration Co., 1975-1976	15
406	GRC transfers for dividends and taxes, 1973-1975	31
407	Haynes, Ronald, 1979	6
408	Howe Richards Scale Co., 1975	1
409	Idaho Mining Association, 1979	1
410	Ireco Chemicals, 1976-1977	3
411	Juras, Dwight, 1979	5
412	Macheson Gas Products, 1976	1
413	Metals Week, 1976	5
414	Ross Oil Co., 1976	1
415	Sleeth, Chuck, 1979	1
416	Transport Clearings Northwest, 1972-1977	22
417	Union Tank Car Co. 1976	10
418	U.S. Leasing Corp., 1975-1977	32
419	Wall Street Journal, 1980-1982	25
420	Western Environmental Trade Association, 1976	1
421	William Whitehead Lowry, 1980	4
422	Accounts payable, miscellaneous, 1975	12
423-424	Accounts payable, summaries, 1957-1965	93
425-437	Invoices: Brown, Peacock, Keane, & Boyd, 1976-Sept. 1981	360
438-440	Invoices: Brown, Peacock, Keane, & Boyd, Oct. 1981-Oct. 1982	79
441	Accounts receivable: Bear Creek sale, 1978-1981	8
442	Crescent Sale, 1980-1981	39
443	Logging contract, Latour Creek, 1972-1973	21
444	Logging contract, Latour Creek (Idaho Forest Industries), 1977-1979	445
448	Los Angeles warehouse, 1971-1973	11
446	Higbee sale, Prado Creek, 1979	17
447	Jackson Park/Montgomery, 1979-1982	89
448	Keller Sale (P.O.M.), 1981-1982	20
449	Kiss, Steven, (P.O.M.), 1982	2
450	Louisiana Pacific Co., Flume Creek sale (P.O.M.), 1978-1980	11
451	Pacific Grown Timber, 1978-1981	30
452	Potlatch Corp. logging contract: Black Rock timber sale, 1976	12
453	Logging, Silverhorn, 1982	8
454	Air travel agreement--Shoshone Air Service, 1971-1974	6
455-468	Annual report of the Bunker Hill Company to Shoshone County Assessor for plant values, tax years 1957-1969	13
469-471	Annual report of the Bunker Hill Company to Shoshone County Assessor for plant values, tax years 1970-1972	3
472-475	Annual report of the Bunker Hill Company to Shoshone County Assessor for plant values, tax years 1973-1976	4
	Appraisements, 1935-1977	
22	476-477 Appraisal, Bunker Hill and Sullivan Mining Co., done by Ed. Kevern, Engineer in charge, v.1-4, July 1935	2
23	478 Appraisal, Bunker Hill and Sullivan Mining Co., done by Ed. Kevern, Engineer in charge, v.5-6, July 1935	1
	479 Appraisal by field engineer, 1949	1
24	480 Appraisal of land, 1953	3
	481-485 Appraisal: Bunker Hill Mine & Smelter, obsolete pages, 1955	5
	486-487 Smelting operation, v.1-2, 1967	2
25	488-491 Smelting operation, v.3-6, 1967	4
	492 Obsolete pages, 1967	1
26	493 Zinc plant, 1967	1
	494 Seattle office, 1968	1
	495-496 Smelter v.1-2, May 1974	2
27	497-500 Smelter, v.3-6, 1974	4
28	501 Smelter summaries, 1974	1
	502 Zinc plant summaries, 1974	3
	503-505 Zinc plant, v.1-3, 1974	3
29	506-507 Zinc Plant v.4 & 6, 1974	2
	508 Mine and mill summaries, 1975	1
	509 Smelter, v.7, 1975	1
	510 Residences, 1975	1
	511 Star concentrator, 1975	1
	512 City properties, summaries, 1975	1
	513 Western Lead Products Co., Seattle, 1975	1
	514 Bunker Hill summaries, 1976	1
30	515 Mine and mill recap and summaries, 1977	1
	516 Smelter recap and summaries, 1977	1
	517 Zinc reduction plant recap and summaries, 1977	1
	518 North Idaho Phosphate Co. recap and summaries, 1977	1
	519 Pioche Nevada property recap and summaries, 1977	1
	520 Bend Oreille Mining and Milling, v.2, 1957	1
	521 Bend Oreille Mining and Milling recap and summaries, 1973	1
	522 Sullivan Mining Company, v.1, 1955	1
31	523-525 Sullivan Mining Company, v.2-4, 1955	2
	526 Star Mine, 1955	1
	527-528 Appraisal reports and valuation analysis of property & homes in Kellogg, 1974-1975	8
32	529-533 Audit reports, 1938-1961	37
	534 Year end financial statements, 1961-1967	5
	535-536 Audit report worksheets, 1966-1967	117
	537 Authority for professional services, data sheets, 1976	24
	538-540 Balance sheets, 1940-1953	163
	541 Balance sheets, 1968-1969	23
	542 Year end balance sheets, 1968-1974	7
	543-549 Balance sheet data, 1969-1976	103
33	550-554 Profit and loss statements, 1971-1976	67
	555 Gulf Resources and Chemical consolidated financial statements, 1968-1969	2
	556-562 Balance sheets, Star Mine, 1959-1978	244

	563	Trial balance: General posting ledger, subsidiary posting ledger, December 31, 1974	1
	564	Cash flow worksheets, 1966-1968	25
o.w.	565	Cash book transfer sheets, 1940-1955	1
o.s.	566	Cash received journal, July 1940-December 1958	1
o.s.	567	Construction ledger: Smelter construction in progress, 1940-1953	1
o.s.	568-569	Construction jobs closed #4-#971, 1956-1970	2
o.s.	570	Zinc plant expansion, 5th and 6th units, 1956-1960	1
o.s.	571	Jobs C-001 to C-461, 1965-1968	1
o.s.	572	Jobs #008 and #008, 1965-1969	1
o.s.	573-576	Contract mining payroll journals, 1947-1994	4
34	577	Capital expenditure summaries, 1968-1969	12
	578	Central mine re-acc charges, 1972-1980	93
	579	Certificate of necessity on crushing, preparation and pelletizing plants, 1951	1
	580-583	Charges for hospital medical-surgical care for industrial accidents, 1979-1982	50
	584	Chart of accounts, n.d.	1
	585	Corporate accounting department memo, 1958-1964	23
	586	Cortez Gold Mines, joint venture, distribution of funds, 1969-1976	56
	587-590	Financial statements, 1978-1982	111
o.w.	591	Departmental journal, 1967-1975	1
	592-594	Departmental journals, 1975-1976	54
	595	Depreciation: Budget estimate data, 1971-1972	8
	596	Depreciation distribution, 1958	8
	597	Depreciation: Electric plant and equipment, 1939-1956	1
	598	Depreciation: Electric plant outside city limits, light and power, 1930-1932	1
	599	Depreciation forecast data, 1972 to 1977	7
	600	Depreciation: Plant and equipment--automotive, 5 year plan, 1974-1978, 1973	8
	601	Depreciation schedule, 1917-1919	11
	602	Depreciation: 5 year plan, 1971-1975	8
	603	Depreciation: 1973 estimate as calculated on 10/9/72, revised 10/25/72 and 1/30/73	10
35	604-624	Directors' monthly statements, 1955-1966	137
36	625-628	Directors' monthly statements, 1967-1968	25
	629-631	Employee earnings records, A-M, 1937-1957	225
37	632	Employee earnings records, N-Z, 1937-1957	144
	633-635	Employee earnings reports, 1975-1st quarter 1977	24
38	636-637	Employee earnings reports, 2nd quarter 1977-2nd quarter 1982	141
39	658-659	Expenditure summaries: Administrative, 1957-1965	109
	660	C.A.R., Lamby, outside exploration, 1963	9
	661	Employee and community welfare, 1957-1962	43
	662	Mining properties and mine examinations, 1957-1964	87
	663-665	Federal excise tax form 720 (quarterly excise tax on diesel fuel), 1964-1982	140
	666	Gasoline tax refund, 1974-1975	18
	667	Goodson, Bernard, Miscellaneous, 1975-1976	30
	668	Government report MQ 1 (inventory and sales expectations survey), 1970-1977	31
	669	Gov. Rept. M3-1 (manufacturers shipments and orders), 1976-1980	64
	670-672	Gov. Rept. M3-2 (manufacturers shipments, inventories and orders), 1976-1982	107
	673	Guatemala venture, 1957-1961	120
	674-675	Gulf Resources intercompany transactions, 1969-1982	189
	676	Higdon Project: Balance sheets, 1966-1967	23
	677	Higdon: Mine shaft drilling, 1968-1969	4
	678-679	Idaho Dept. of Law Enforcement, Vehicle quarterly mileage report, 1971-1982	53
40	680-682	Idaho State Tax Commission, Motor fuels quarterly claims, 1970-1982	40
	683-684	Industrial Accident Board, State of Idaho, Outstanding awards, 1956-1971	165
	685	Insurance distribution, 1979	1
	686	Journal vouchers, 1941 & 1957	2
	687-691	Journal vouchers, 1947-280	280
	692-695	Journal vouchers, January-August 1960	365
41	696-697	Journal vouchers, September-December 1960	113
	698	Lease data: Frank Marr lease, 1956-1972	36
	699	Future rental obligations, 1978-1980	17
	700	Lease/rental schedule, 1974	1
	701	Office equipment, 1975-1977	11
42	702-707	Prepaid lease schedules, 1969-1982	53
o.s.	708-714	General ledgers, 1937-1978	?
o.s.	715	General ledger Account 1102, 1962-1966	1
o.s.	716	General ledger Account 3104, 1964-1967	1
o.s.	717	House rentals, 1940-1961: Plant and equipment depreciation, 1942; Record of insurance policies, 1936-1954; Intercompany and department	
o.s.	718	Labor accounts, mine and mill supplies, 1976-1980; payroll check register, 1977-1978	1
o.s.	719	Personnel ledger, 1969-1972	1
o.s.	720-721	Plant services transfer ledger, Accounts 6700-6800, 1961-1968	2
o.s.	722	Smelter: Cash received, 1940-1954	1
o.s.	723-725	General ledgers, 1941-1953	3
o.s.	726	Sub-accounts ledger, 1942-1947	1
o.s.	727	Subsidiary ledger: Account 3104, 1953-1971	1
o.s.	728	Accounts payable, death benefits, 1940-1947	1
o.s.	729	Deferred charges, accounts payable, insurance awards payable, accrued insurance claims, 1949-1972	1
o.s.	730	Loans preferred stock, investments, administrative expenses, 1940-1953	1
o.s.	731	Loss of time awards, pensions, 1943-1952	1
o.s.	732	Timber and logging operations, 1937-1948	1
o.s.	733	Transfer ledger, 1954-1959	1
o.s.	734	Accounts 3306 and 3308, 1955-1956	1
o.s.	735	Accounts receivable, 1961-1971	1
o.s.	736	Accounts receivable metal sales, ore purchases payable, lease & custom ore payable, miscellaneous smelter inventory, 1969-1972	1
o.s.	737	Balance sheet accounts, 1940-1954	1
o.s.	738	Mine & milling expense, 1940-1955	1
o.s.	739	Crescent mine, square set mining, 1955-1965	1
o.s.	740	Voucher register, heavy equipment cost distribution, standard journal entries, adjusting journal entries, cash receipts, and transf	
43	741-743	Logging contracts: Burns-Vaak River Lumber Co., 1968-1975	57
	744	Enaville, 1972	7
	745	Idaho Forest Industries, 1973-1974	10
	746	Louisiana Pacific, Pend Oreille Mine area, 1975-19	
	747	Pack River Lumber Co., 1972-1974	68
	748	Poelatch Forests, Inc., 1959	7
	749	Scott Paper Co. lease, 1974	64
	750	D.V. Spurgeon, Pend Oreille Mine, 1979	20
	751	Sawlog purchase contracts, 1956-1961	49
	752	Los Angeles warehouse: Leases, 1968-1974	13
	753	Miscellaneous, 1971-1972	71
	754	Manual: Smelter cost reporting, 1979	1
	755	Metal inventories: Smelter, December 1, 1979	75
	756	Zinc plant, December 1, 1979	87
	757-758	Metallic inventory balances, 1970-1975	7
	759	Mileage reports for personnel on flat monthly rate, 1973-1976	9
	760	Miscellaneous income (8078 MM detail), 1957-1964	149
	761	Pacific Division: Coleman & Riddle trust account, 1972-1977	55
	762	Correspondence, 1971-1973	10
	763	Lease agreements--Western Lead Products, 1969-1970	8
	764	Miscellaneous financial, 1968-1972	76
	765-768	Monthly income list, 1971-1975	70
	769	Trial balances, 1966-1968	62
	770	Payroll distribution for pension fund calculations, 1970	7
	771	Payroll taxes, New Jersey, 1969-1971	29
	772-773	Payroll, Pacific Division, 1967-1969	11
o.s.	774-775	Distribution of payroll, 1910-1916	2

	o.s.	776	Smelter payroll, 1943-1952	1	
44		777	Pensions: Retirement pension board, 1951-1953	67	
		778	Pension plan: Pend Oreille Metals and Mining, Salaried and hourly employees, 1975	4	
		779	Pension plan: IRS forms, 1968-1973	24	
		780-781	Pension plan: Crocker National Bank reports, 1965-1972	20	
		782-789	Pension Plan: Actuarial reports by Johnson and Higgins, 1965-1973	32	
		790-792	Pension Plan: Reports by Martin E. Segal Co., 1974-1975	23	
		793-807	Pension Plan: Citibank report, 1979-March 1980	70	
45		808-827	Citibank report, April-December 1980	124	
46		828-847	Citibank report, January-September 1981	120	
47		848-865	Citibank report, Quarter ending September 1981-March 1982	108	
48		866-878	Citibank report, April-October 1982	80	
		879	Pioche District, Nevada: Payroll information, 1978-1982	43	
		880-882	Salary payrolls, 1980-1982	20	
		883	Payroll check register, 1981-1982	1	
		884	Property ledger, San Francisco office, 1956-1961	1	
		885	Property tax on mines, 1930-1962	110	
		886	Property tax. Analysis and summary schedules, state and county taxes, 1956-1957	10	
		887	Property taxes: Distribution schedule, 1968-1972	24	
		888-890	Property tax schedules, 1969-1971	72	
49		891-901	Property tax schedules, 1972-1980	217	
		902	Property tax values, 1974	11	
		903	Property tax receipts: Blaine Co., 1956-1961	3	
		904	Blaine Co., 1976	1	
		905	Custer Co., 1973	4	
		906-914	Kootenai Co., 1965-1980	356	
		915	Shoshone County, 1956	76	
		916	Shoshone Co., 1960-1962	5	
		917-924	Shoshone Co., 1970-1976	1608	
50		925-933	Shoshone Co., 1976-1980	1798	
		934	Missouri, 1976	6	
		935	Mineral Co., Montana, 1962-1963	2	
		936	Stevens Co., Washington, 1958-1965	11	
		937	Property tax data, Pend Oreille Co., Washington, 1956-1964	17	
		938-939	Property tax data, Pend Oreille Mining and Metals, 1974-1978	37	
		940	Property values and depreciation schedules, 1955-1956	10	
		941	Property valuation schedules, Zinc plant and equipment as of January 1, 1959	1	
		942-944	Purchase orders--Stearns-Roger Mfg. Co., 1952-1954	3	
51		945	Real estate account 2008, 1965-1971	20	
		946	Real estate account 2120, Plant and equipment, 1956-1964	46	
		947	Realty account: Smoke damaged property, 1947-1972	41	
		948	Realty account: Summary schedules, 1914-1969	3	
		949	Reduction costs for inventory, 1959-1968	221	
		950-951	Ken Saari, Miscellaneous file, 1964-1971	71	
		952	Securities and Exchange Commission. Quarterly reports, 1963-1968	33	
o.s.		953	Shipment register. Zinc plant, 1969-1971		
		954-955	Shoshone County industrial property detail reports, 1984	2	
		956	Silver purchase and sales, 1974-1975	114	
		957	Singmaster and Breyer story. Zinc plant, 1952-1954	1	
		958-959	Smelter settlements: Crescent mine, 1964-1972	159	
		960	Smoke investigation charges, 1937-1954	18	
52		961-963	Star Unit trial balances, 1961-1968	68	
		964	Tax data: California State taxes, 1953-1968	36	
		965	Idaho state income tax, 1938-1969	37	
		966	Montana payroll taxes, 1961-1964	43	
		967-968	Federal payroll taxes, 1960-1965	112	
		969-971	Social security taxes, 1955-1959	114	
		972-983	PICA quarterly reports, 1964-1969	42	
		984	Timber agreements, 1961-1966	59	
53		985	Timber cut, 1960	1	
		986	Unclaimed dividends ledger, 1957-1963	1	
		987	Unclaimed wages journal, 1918-1955	1	
		988	United States Leasing Corporation, 1969-1979	30	
o.s.		989-1008	Voucher registers, 1940-1982	20	
o.s.		1009	Zinc plant products sales, 1968-1970	1	

## IV. Legal, 1885-1979

o.s.		1010	Claims register, 1885-1904	1	
54		1011	Aberdeen-Idaho Mining Co. vs. Bunker Hill & Sullivan Mining and Concentrating Co. Summons, 1954	2	
		1012	Affidavits of Stanley Easton re: value of Bunker Hill properties, 1923	2	
		1013-1015	American Smelting and Refining Co. vs. Bunker Hill and Sullivan Mining and Concentrating Company, 1917	22	
		1016	Jonathan Bourne vs. Federal Mining and Smelting Co., testimony, 1907	1	
		1017	Bunker Hill and Sullivan vs. Empire State-Idaho Mining Co. and Last Chance Mining Co., points and authorities of plaintiff, 1899		
		1018	Bunker Hill and Sullivan vs. Empire State-Idaho Mining Co. (Stemwinder case) 1900-1915	4	
		1019	Robert Hackett, et al. vs. Bunker Hill and Sullivan, 1940	2	
		1020	Empire State-Idaho Mining Co. vs. Bunker Hill and Sullivan. 2nd Stemwinder, transcript of record, 1905	1	
		1021-1026	Timothy McCarthy vs. Bunker Hill and Sullivan, 1904-1906	6	
55		1027	ASARCO vs. Bunker Hill, pleadings and affidavits, 1917	1	
		1028-1030	Star Mining Co. litigation, 1911-1921	34	
		1031	Bunker Hill Smelter - Hecla Mining Co. agreements, 1916-1922	21	
		1032-1033	Notes re: audit made by J.S. Wallace at Kellogg, August 1917-1918	2	
		1034	War labor board hearings, May 1942	4	
		1035	Abstract of title: N.S. Kellogg tract, 1915	1	
		1036	Bulah and African fraction, 1949	2	
		1037	Cameron addition, 1956	1	
		1038	Agreements between Western Union Telegraph Co. and Sullivan Mining Company, 1940-1958	2	
		1039	Brief, affidavit and statements filed on behalf of the Idaho and Washington Mining Industry before the Wage and Hour Division, U.S.		
		1040	Copy of a resolution adopted by the Bunker Hill Board of Directors, December 22, 1932	2	
		1041	Home loan deeds thru Hecla Mining Co. Office, 1954-1961	33	
		1042	Miscellaneous mine leases, 1946-1955	6	
		1043	Notice of location and related documents, O'Connor claim, 1887-1910	5	
		1044	Sullivan Mining Co. and CIO negotiations and contract, 1941-1942	47	
		1045	Synopsis of labor contract, c.1941	1	
		1046	Zanetti brothers, quitclaim deed, 1954	1	
			Sullivan Contracts		
56		1047	Zinc contract: Sullivan Mining Co., 1929	1	
		1048	Silver-lead anode license to ASARCO from Sullivan Mining Co., 1941	1	
		1049	Sullivan Mining Co., silver-lead anode license to Anaconda Copper Mining Co., 1938	1	
		1050	Agreement: Western Precipitation Co., 1927	1	
		1051	Metals Reserve Corp. Agency contract, premium payments for metals, 1944-1946	61	
		1052	Worthing Pump and Machinery Co., contract, 1927	1	
		1053	General Electric Co., electrical equipment contract, 1927	1	
		1054	Star Mine--lead ore contract, 1940	1	
		1055	Federal Mining and Smelting Co. agreement, driving of drift, 1936-1944	3	
		1056	Washington Water Power Co. pole line agreement, 1927	1	
		1057	Williams, Richardson, Reece, zinc plant grading contract, 1926	6	
		1058	Vieille Montagne-Star Mine zinc contract, 1925-1926	8	
		1059	Jack Waite Mine - ASARCO zinc concentrate agreement, 1934	1	
		1060	Assignment: Purifying zinc solution, E.R. Crutcher to Sullivan Mng. Co., 1928	2	
		1061	Contract: Zinc ore purchase from C. Tennant, Sons & Co. of New York, 1939	1	
		1062	Bunker Hill & Sullivan, U.C. Tainton Industries, corporate contracts, 1922-1926	3	
		1063	St. Joseph Lead Co., zinc selling contract, 1930	1	
		1064	St. Joseph Lead Co., zinc selling contract and supplement, 1941	2	

1065	St. Joseph Lead Co., zinc selling contract, cadmium selling agreement, 1936	2
1066	St. Joseph Lead Co., Zinc selling contract, 1932	7
1067	St. Joseph Lead Co., zinc selling contract, 1939	1
1068	St. Joseph Lead Co., amended sales agreement and agency contract, 1942	4
1069	Agreement: Bunker Hill and Sullivan Co., C.R. Mutch, permission to use land for pasture, 1941	1
1070	St. Joseph Lead Co., supplemental agreement to zinc selling contract, 1935	1
1071	St. Joseph Lead Co., zinc selling contract, 1928	2
1072	Washington Water Power Co., zinc plant power contract, 1927	1
1073	St. Joseph Lead Co., zinc contract, 1944	1
1074	State of Idaho, Public Works. Pipeline, water main, 1944	2
1075	Power line - pipe line lease from Federal Mining & Smelting, 1944-1956	7
1076	Callahan Zinc-Lead Co., cancellation of zinc purchase contract dated 11-21-41, 1946	1
1077	Douglas Mining Co. - Sullivan Mining Co., with Small Leasing Co., 1946-1947	5
1078	Mr. John Steward, Spokane, Barite claims, 1946-1947	18
1079	Phillips Petroleum Co., Sales agreement, residual fuel oil, 1949	1
1080	Zinc sales agreement with St. Joseph Lead Co., 1950	2
1081	Cadmium sales agreement with St. Joseph Lead Co., 1950	1
1082	St. Joseph Lead Co., agency agreement, 1955	2
1083	Acid sales contract between Sullivan Mining Co. and General Chemical Division, 1954	1
1084	Agreement: Sullivan Mining Co. and J.H. Beatty diamond drill contractor, drill in Metaline District, 1955	2
1085	National Lead Mining Co. Stock certificates, 1924-1925	11
1086	Purchase agreement: Jens Jensen and Lewis P. Larsen. First purchase right of Pend Oreille stock, 1948	1
1087	Sullivan Mining Co., subsidiary companies stock, 1956	4
1088	J.R. Simplot agreement: sale of barite ore to American Colloid Co., 1956	1
1089	Timber sale, U.S. Forest Service, Sullivan & Aurum Mining companies, 1949-1950	11
1090	Metropolitan Insurance Policy from Sullivan to Bunker Hill, 1955	1
Unidentified (Divider lacking)		
1091	Wardner Hospital contract, 1918-1952	19
1092	Agreement: YMCA - Bunker Hill, 1911-1920	6
1093	Original contract: Bunker Hill and Sullivan - Caledonia Mining Co., 1913	2
1094	Water agreement with Bunker Chance Mine and John George and passed along to Bunker Hill & Sullivan, 1946	7
1095	Easements: Government Gulch Creek, Smelter dam site, from Orlandini to McKinnis, 1934	2
1096	Lease: Metaline Contact Mines and Willard Anderson, 1955	2
1097	Bunker Hill - St. Joe Lead, selling agreements, 1932-1956	14
1098	Wardner hospital lease, 1934-1957	4
1099	Hull - Garrett tailings lease, 1956	7
Miscellaneous Contracts and Agreements		
1100	Aetna Casualty & Surety Co. State compensation surety bond, 1933	2
1101	Agreement: Cemetery, 1921	1
1102	Contract: Continental Oil Co. Gasoline pump installation, 1925	1
1103	Agreement: Industrial Union, check responsibility, 1930	1
1104	Contract: Northwest Airlines and Bunker Hill and Sullivan, transportation contract, 1940	1
1105	Last will and testament of Miles McNally, 1938	3
1106	M.G. McCandless bond, Pine Creek Timber Protective Association, 1933-1938	7
1107	Standard Oil agreement, motor contract, 1925	2
1108	Papers received from Bolger, 1886-1904	10
1109	Contract: Riley Stoker Corp. and Mine and Smelter Supply Co. for side dump stoker, 1933	1
1110	Trust agreement: Sullivan Company, Bunker Hill and Sullivan Co., Federal Co. with trustees of School District #30, Silver King, 1937	1
1111	Data of construction and parts, 800 H.P. no.1 shaft hoist, 1924	1
1112	Paul Nelson - Sunshine Mining Co. - Bunker Hill & Sullivan agreement, 1942	1
1113	Certificate of necessity, Bunker Hill mine hoist application, 1943-1944	32
1114	Burdick Corp: furnish and install solarium, 1929	1
1115	Yang, Haesler, Trout, Vanderpool, Jory, Skeen, Edwards: Sewer systems for Rose St. addition, 1944	1
1116	Floyd Jensen. Pleasant Home rooming house, 1945	1
1117	Trust agreement with the First National Bank of Wallace, Dredge fund, lands, 1946	1
1118	Lease with Pat Poffenroth for two 2-story rooming houses, 1946-1949	7
1119	Right of way - Wardner pipeline to John George, 1933-1938	7
1120	Keasler-Anderson stack painting contract, 1948-1950	3
1121	Timber exchange agreement: Bunker Hill and Sullivan - Potlatch Forests, 1948	1
1122	Northwest Lead Co. Bunker Hill and Sullivan agency agreement, 1948	2
1123	Grace Daniel - Bunker Hill and Sullivan laundry room contract, 1949	1
1124	Wardner hospital contract, 1951	2
1125	Bunker Hill - Pend Oreille Mines memorandum of agreement Aetna Life Insurance Co., 1955	1
1126	The Consolidated Mining and Smelting Co. of Canada, Ltd. The Bunker Hill Company use of drawings for a pump, 1956	3
1127	Stibnite dismantling agreement, 1957	5
1128	Agreements with Aetna Life Insurance Co., 1950-1955	5
1129	Promissory note: Silbak Mines, 1956	1
1130	Agreement: Service Lines, Inc., 1942-1954	15
1131	Employee transportation agreement: Service Lines, Inc., 1956	1
Electric Power Contracts		
1132	Washington Water Power authorization to negotiate, 1901	1
1133	Contract: Washington Water Power, 1916-1922	2
1134	Contract: Washington Water Power, Bunker Hill & Sullivan, employment of W.R. Ingalls, 1922	1
1135	First contract: Washington Water Power, Bunker Hill, 1901-1911	3
1136	Contract: Washington Water Power, 1915	1
1137	Contract: Washington Water Power, 1916	1
1138	Contract: Proposed and rejected Washington Water Power Co., tabulations and correspondence, 1913	3
1139	Washington Water Power contract for power at the smelter, 1919	1
1140	Agreement with Washington Water Power covering lighthouse, 1942-1949	4
1141	Federal Mining and Smelting contract with Thompson Falls power Company, 1914	2
1142	Specimen power contracts, Sibley report, miscellaneous contract data, 1901-1908	14
1143	Preliminary draft of power contract and relative correspondence, 1915	1
1144	Washington Water Power and Bunker Hill lighthouse, 1942	2
1145	Hecla Mining Co. minute book entries referring to Star Mine and Sullivan Mining Company, 1912-1927	1
1146	Reed power line, 1944	1
1147	Smelter feeder, 1944	1
1148	Government Gulch feeder, 1944	2
1149	U.C. Tainton agreements, 1926-1949	5
1150	Agreement: Bunker Hill & Sullivan with J.L. Malm and S.A. Ionides, 1914	2
1151	U.S. treasury bonds, trust receipts, Sullivan Mining Co., 1952-1955	26
Bunker Hill Smelter Contracts and Agreements		
1152	Contract: Lead selling and purchasing, F.A. Hammersmith, 1936	1
1153	Agreement and supplement with F.A. Hammersmith for selling lead, 1942	3
1154	Bunker Hill - St. Joseph Lead selling contract, 1941-1943	5
1155	Supplement to lead selling contract with St. Joseph Lead, 1936	1
1156	Contract: Smelter burglar alarm, 1914	4
1157	Certificate of necessity, fuming plant, 1941-1943	37
1158	License: Fuming plant process, Anaconda Copper Co. to Bunker Hill and Sullivan, 1941-1943	5
1159	Release: Rose Haines Willis to Bunker Hill, percent of Government Gulch claims, 1941-1942	2
1160	Agreement: Hastell Warehouse Co., lead storage, 1933	2
1161	Agreement: Archibald Donaldson covering use of his patent on improvement to zinc distillation furnace, 1923	1
1162	Receipt: Mine profit taxes paid, January 1916-1927, from Shoshone County Commissioners, 1929	1
1163	Abstract of correspondence, smelter contracts, 1904-1915	1
1164	Lead ore purchase contract: C. Tennant, Sons & Co., 1939	1
1165	Power of attorney to M.H. Sullivan to sign bonds for lead, 1924	1
1166	Agreement: Hecla Mining Co. and Bunker Hill and Sullivan, 1916	1
1167	Ore contract, Bunker Hill smelter and Hecla Mining Co., 1938	2
1168	Ore contract, Hecla Mining Co., and Bunker Hill smelter, 1928	1
1169	Contract: Sierra Nevada and Bunker Hill Smelter, 1916	1
1170	Ore contract: Callahan Zinc-Lead Co., and Bunker Hill smelter, 1942-1946	2
1171	Smelting contract: Bunker Hill smelter and Consolidated Gold Mines, 1939	1

1172	Ore Contract: Bunker Hill smelter and Zanetti brothers, 1941	1
1173	Ore contract: Coeur d'Alene Mines Corp and Bunker Hill smelter, 1941	1
1174	Ore smelting contract: Coeur d'Alene Mines Corp & Bunker Hill smelter, 1942	1
1175	Lead ore contract, Sullivan Mining Co., 1925	2
1176	Ore contract: Hecla Mining Co. and Bunker Hill smelter, 1933	1
1177	Ore contract: Bunker Hill smelter and Sunshine Mining Co., 1939-1942	6
1178	Lead ore contract: Gold Hunter Mines, Inc., and Bunker Hill smelter, 1942	1
1179	Ore contract: Gold Hunter Mining & Smelting Co., and Bunker Hill smelter, 1937	1
1180	Ore contract: Trueson Highgateham, Forchhill, Idaho, 1942	1
1181	Ore contract: Silver Crescent, 1940	1
1182	Zinc concentrate contract: B.H. Smelter and Violette Montagne, 1926	3
1183	Oxide purchase contract: American Zinc Co. of Illinois, 1942	2
	Unidentified (divider lacking)	
1184	Power of attorney, BHS S to Stanly Easton, W.G. Woolf, John D. Bradley and C.B. Schwab, 1930-1962	27
1185	Agreement: R.S. Handy, patent rights to Bunker Hill for brine leaching process, 1916-1922	2
1186	Sullivan Mining Company, report and accounts, 1935	1
1187	Contract: Sullivan Mining Co. and General Electric Co. for electrical equipment, 1927	2
1188	Lease: Hercules Mining Co. and Sullivan Mining Co. for Hercules mill, 1935	1
1189	Lease: OWS M to BHS S. Ore mill, concentrator, garage, and office sites, 1943-1958	8
1190	Agreement: BHS S and Washington Water Power, 1935	1
1191	Permit from State of Idaho to BHS S. 8" steel water line and electric power cable circuit over highway at smelter, 1942	1
1192	Easement: Postal telegraph for pole line across BHS S ground, 1918	2
1193	Agreement: Washington Water Power pole lines and substations, 1946	1
1194	Sugar Claim Lease - Government Gulch Mining Company and Sullivan Mining Co., 1926-1944	2
1195	Agreement: Right of way, Washington Water Power from Bunker Hill, 1930	1
1196	Easement: Washington Water Power right of way over Carey ranch at Cataldo, 1930	1
1197	Easement: Washington Water Power right of way, 1940	2
1198	Agreement: BHS S to WWP, right to build garage, 1942	1
1199	Assignment of Tainton zinc process license, Bunker Hill to Sullivan Mining Co., 1926	1
1200	Right of way agreement: Bunker Hill to Washington Water Power for pole line, 1941	1
1201	Interstate Telephone Co. Sale of telephone equipment, 1950	2
1202	Easement to WWP, Pole line across Bunker Hill land, 1916	1
1203	Agreement: WWP: Bunker Hill telephone line on WWP pole line to Reed tunnel, 1942-1943	2
1204	Contract: Sherwin Williams Paint Co., Cleveland, Ohio, 1945-1946	7
1205	Power contract: WWP and Sullivan Mining Co., 1942-1950	5
1206	Zinc concentrates contract: Sullivan Mining Co. and Pend Oreille Mines and Metals, 1950	2
1207	Washington Water Power right of way for pole line, 1949	4
1208	Warranty deed: Stephen F. Heitfeld et al. to Sullivan Mining Co. - Tiger Hotel, 1944	1
1209	Right of way deed for highway: BHS S to USA, 1957	1
1210	Right of way deed for highway: BHS S to U.S. Forest Service, 1958	3
1211	Ellis patent flotation, 1917	1
1212	Agreement: Pneumatic Process Flotation Company to BHS S	2
1213	Agreement: Flotation reagent, Royal S. Handy & BHS S, 1940	1
1214	Flotation reagent agreement (Handy), 1938	1
1215	Agreement: flotation method and equipment, 1940	1
1216	General license agreement, R.S. Handy to BHS S, 1935	2
1217	License: Sink Float Corp. to BHS S, 1941-1949	9
1218	Minerals Separation North American Corp. license to BHS S covering Sweeny mill production, 1942	1
1219	Minerals Separation North American Corp., license and extension, 1924	1
1220	Brown-Smith: Sweeny mill dump tailings, 1942-1943	4
1221	Quitclaim deed: Stanly Easton to BHS S, 1929	1
	Bunker Hill Concentrator - Selling Contracts	
1222	Contract: Pennsylvania Smelting, 1904	1
1223	Contract: Puget Sound Reduction Co., 1902	2
1224	Contract: Selby Smelting and Lead Co., 1903	2
1225	YMCA lodge hall lease to Warner Lodge #14 AFAM, 1942	1
1226	Ground lease: Sullivan Mining Co. to Mrs. Daniel McClung and G.W. Spargur, 1928	2
1227	Agreement re: continuous lead refining - Broken Hill Associated Smelters, 1948	1
1228	New Hilarity Mining Co., Bonanza King mill site, 1946	2
1229	Option: W.P. Hopkins et al. and Sullivan Mining Co., purchase of Metaline Contact Mines, 1949	2
1230	Option agreement: C.A. Bergman et al. and Hecla Mining Co. 1947	1
	Outside Mining Property Documents	
1231	Ajax Mining Co. \$116,196.18 note to BHS S, copy of mortgage and minutes, 1933-1951	9
1232	Agreement: Alhambra Mining Co. and related papers, 1916-1925	12
1233	Agreement: Chuck patent with James Vaught, 1933	1
1234	Agreement: BHS S - Kush J. White covering Alhambra mining stock, 1929-1936	76
1235	Big Creek Mining Co. and Bunker Hill documents, 1922-1939	5
1236	Big Creek Mining Co., 1922-1925	5
1237	Big Creek Mining Co. certificate of sale foreclosure, 1927	2
1238	Patent release: flotation cell, Joseph P. Ruth, Jr., 1932	1
1239	Agreement: Douglas Mining Co. Ltd., covering purchase of stock and ore, 1927	4
1240	Lease agreement: General Mines Corp., 1940	3
1241	Pelton Water Wheel contract for Hall-Interstate-Deadwood River power development, 1929	1
1242	Igniter patent transferred A.P. Beasley to BHS S, 1929	1
1243	Preliminary sink-float license agreement, Huntington-Heberlein Co., pilot mill, 1939	2
1244	Cooperative agreement, U.S. Forest Service and BHS S covering fire protection for Bunker Hill lands in the Coeur d'Alene National P	
1245	Location certificates: Lost Pilgrim - Hall Interstate, 1924	50
1246	Agreement: Walter C. Clark and BHS S covering power site on the Payette River, 1925	2
1247	Road agreement: U.S. Forest Service and BHS S, Landmark - Hall Interstate, 1932	1
1248	Right of way: telephone company across sec. 7-8-3E, 1941	3
1249	St. Joe Lead Co., lead selling agency agreement, 1944-1945	2
1250	Lease and options: Phi Kappa - Custer County, 1951	1
1251	BHS S increase of base treatment charges, 1943	2
1252	Sherwin William Co. addendum to flume contract, 1948	1
1253	Earle Gibbs: Bonanza lead agreement, 1956-1958	4
1254	St. Joe cadmium selling agreement, 1950	1
1255	Agreement: Stearns-Roger for manufacture and sale of reclaimer, 1955	1
1256	John C. Steward - barite lease, 1946-1947	3
1257	St. Joseph Lead Co., zinc selling contract, 1947	1
1258	Agreement with John Reynolds, Custer Mining Dist.: 1952	1
1259	Fimney and Mayhark: Assignment of ore reclaimer and method therefore, 1953	4
1260	St. Joseph Lead Co. Lead selling agency agreement, 1947	5
1261	St. Joseph Lead Co., lead selling contract, 1922-1948	12
58	1262 Mine options and agreements covering properties at Bailey, Blaine County, Idaho, 1922-1924	6
	1263 Agreement: Federal Mining and Smelting Co. - Morning Mine and Mullan Miners Union, 1937	1
	1264 Fred W. Callaway, Sidney agreement, 1922	4
	1265 Lease and option agreements, 1931	5
	1266 Declaration of covenants (forms) Mineral Subdivision, 1965-1976	6
	1267 Miscellaneous agreements, 1927-1936	16
	1268 Property appraisals: Purchase policy and progress, 1970-1974	41
	1269-1274 A-7, 1974-1975	327
	1275 Other, 1971-1980	16
	1276 Company housing, 1970-1981	34
	1277 Pend Oreille housing information, 1979	16
	1278 Mortgage of Teesung Un, Mineral subdivision, 1969	2
	1279 Documents related to the Merger of Bunker Hill Company with Gulf Resources and Chemical, 1968	1
	National Lead Industries Litigation	
59	1280 NLI suit, 1976	9
	1281-1283 Purchase contracts and summaries, 1973-1975	207
	1284-1286 Sales contracts and summaries, 1973-1975	597

	1287-1288	Analysis of invoices, monthly, 1974-1975	27
	1289	D.G. Hanna file: MLI sales of foreign zinc to USA, 1970-1975	35
	1290	D.G. Hanna file: Notes and miscellaneous memos, 1976	24
60	1291-1297	Documents furnished by MLI to Bunker Hill: zinc invoices, 1970-1971	593
	1298-1316	Zinc invoices, 1972-May 1974	2978
61	1317-1329	Zinc invoices, June 1974-December 1975	2319
	1330-1332	Correspondence, Bunker Hill and Doehler Jarvis, 1967-1973	213
	1333-1334	MLI invoices to Doehler Jarvis, 1973-Sept. 1974	506
62	1335-1336	MLI invoices to Doehler Jarvis, Oct. 1974-1976	272
	1337	Documents furnished by MLI: Cost of living council, 1971-1973	27
	1338	Documents furnished by MLI: Purchase orders, May-July 1973	140
	1339	Documents furnished by MLI: Shipping instructions, Olympic Paethen, May-July 1973	27
	1340	Shipping instructions, S.S. Maritime Brilliance, Feb.-May 1973	22
	1341	Shipping instructions: S.S. Golden Lotus, Jan.-May 1973	27
	1342	Shipping instructions: S.S. Pac Prince, Nov. 1972-Jan. 1973	31
	1343	Bunker Hill sales agreement - Dupont, 1970	9
	1344	Documents furnished by Bunker Hill: Group 1, Discounting, 1966-1973	26
	1345	Group 2, 1972-1975	54
	1346	Group 3: Sent by DAB from New York, 1974-1979	91
	1347	Group 4, 1973-1975	33
	1348	Group 5, 1964-1970	18
	1349	Group 6, OSA stockpile, 1968-1974	25
	1350	Group 7, marketing, 1971-1973	58
	1351	Group 8, correspondence related to contract, 1970-1972	164
	1352	Group 9, R.R. Brown file, 1971	1
	1353	Group 10, Drawer 2, zinc concentrates, 1965-1972	10
	1354	Group 11, Correspondence, 1971-1975	8
	1355-1357	Group 12, 1965-1975	72
	1358	MLI-BH Miscellaneous notes and correspondence, 1974-1976	25
	1359	MLI (B. Turner) Discounting interrogatories, miscellaneous notes, 1972	80
63	1360	WALCO-Bunker Hill agreement-Higdon property, 1963-1960	26
	1361	National Lead Co. quarterly reports, 1964-1970	48
	1362	Higdon current miscellaneous, 1976	1
	1363	Higdon inventory, 1971	1
	1364	Higdon standby, 1967-1968	10
	1365	Missouri sales & use tax, 1965	1
	1366	Missouri unemployment taxes, 1964-1965	25
	1367	Missouri workmen's compensation, 1964-1965	23
	1368	Missouri workmen's compensation payroll report, 1965-1966	26
	1369-1370	Higdon payroll taxes, 1965-1966	17
	1371	Higdon financial reports, 1964-1965	1
	1372	Higdon financial reports, 1966-1967	1
o.s.	1373	Higdon check registers, 1964-1967	1

### V. Stock Related Material, 1887-1968

65	1374-1375	Nevada Bunker Hill & Sullivan cancelled stock certificates, 1909-1917	2
	1376	Common stock ledger, Bunker Hill & Sullivan Oregon Corporation, San Francisco Office, 1887-1924	1
	1377	Transfer journal, Portland Office, October 3, 1887-February 20, 1924	1
	1378	Voting trust journal, Bunker Hill & Sullivan, Oregon Corporation, July 2, 1917-March 26, 1924	1
	1379	Voting trust ledger, Oregon Corp., 1917-1924	1
	1380	Common stock journal, Delaware Corp., March 1924-April 1927	1
	1381	Common stock ledger, Delaware Corp., March 1924-1927	1
	1382	Preferred stock journal, Delaware Corp., January 1925-April 1927	1
	1383	Voting trust stock journal, Delaware Corp., March 1924-November 1935	1
	1384	Voting trust stock ledger, Delaware Corp., March 1924-1935	1
	1385	New York stock exchange listing application, 1965	8
o.s.	1386-1389	Stock transfer ledgers, 1912-1918	4
o.s.	1390	Stock ledger, 1910-1916	1
o.s.	1391	Preferred stock transfer journal, 1927-1964	1
66	1392	Stock ledger kept on 508 cards, 1953-1968	
o.s.	1393-1395	Common stock transfer journals, Bunker Hill Company, folios 7381-9264, 1964-1966	3
o.s.	1396-1400	Common stock transfer journals, Bunker Hill Company, New York, folios 1-3083, 1965-1967	5
o.s.	1401	Common stock transfer journal, folios 9366-9526, 1967-1968	1

### VI. Operations, 1906-1984

67	1402	Bunker Hill diversification program: manual of functions and procedures, 1961	1
	1403-1405	Blueprints and instructions for automatic station control equipment, 1903-1931	4
	1406	Hall-Interstate equipment orders, 1928-1931	40
	1407	Renewal parts catalog for automatic switching equipment, 1930	2
	1408	Consolidated smelting study and related correspondence, 1958	17
	1409-1411	Copper residue shipments, Lots 88-167, 1966-1971	736
	1412	Daily summary, zinc plant, January-June 1945	180
	1413	Gulf Resources & Chemical Corp., board of directors visit to Bunker Hill, 1968	1
	1414	Stock control system master inventory record, 1981	1
68	1415	Smelter flow sheets, 1969-1977	2
	1416	Zinc plant flow sheets, 1969-1977	2
	1417-1424	Ore reserves, Star Mine, 1945-1962	21
	1425-1426	Star Mine report of operations, 1978-1979	2
	1427	Mill runs: Star ore, South mill, May 1910-August 1912	50
	1428-1432	Mill runs and metallurgical calculations: South mill, August 1933-	850
	1433-1434	West mill, January-December 1933	275
69	1435-1441	West mill, January 1935-December 1938	1030
	1442-1447	West and south mills, July 1936-December 1937	700
	1448	Index to mill tests and data, 1924	1
	1449	Cost book and supplies, pp.1501-2000, 1970-1911	1
70	1450	Mill tests, negatives, pp.1001-2500, 1927-1930	1
	1451	Mill record, daily mill tonnage/ore bin records, 1936-1917	1
71	1452	Ore statements and smelter settlements with assays and shipping data, 1925-1930	1
	1453	Ore shipments, December 1918-1930	1
o.s.	1454-1460	Mill assay records, 1946-1955	7
o.s.	1461	Lead produced and shipped, summary records, 1917-1972	1
o.s.	1462	Lead-zinc shipping records, 1964-1965	1
o.s.	1463	Shipping summaries journal, Pacific Division, 1963-1965; Various types of lead shipped, 1963-1971; Lead produced, 1963-1970	1
o.s.	1464-1465	Lead concentrates, November 1966-September 1972	2
o.s.	1466	Dump slag book, 1955-1970	1
o.s.	1467	Mine ore record, Crescent Mine, 1959-1984	1
o.s.	1468	Metal sales journal, 1973-1975	1

### VII. Personnel, 1941-1982

#### A. INDUSTRIAL RELATIONS - HISTORICAL, 1941-1970

72	1469	American Mining Congress proposed declaration of policy on labor relations and supporting memoranda, 1953-1954	2
	1470	Statement of Charles R. Kuzell and Denison Kitchel on behalf of the American Mining Congress before the House Committee on Education	
	1471-1472	Salt Lake City meetings, 1946-1953	2
	1473	Labor relations - Mine and mill, 1945-1952	11
	1474	Addresses and meetings: reports, 1947-1955	20
	1475	Bunker Hill labor relations - "Crosom," 1950-1956	110
	1476-1477	Portal to portal data, 1934-1947	45
	1478	Briefs re: arbitration on classification and wages, 1944	6
	1479-1509	Contract drafts, International Union of Mine, Mill and Smelter Workers and its Local #18, 1959-1960	425

	1510	Schedules (job classifications, definitions of terms, etc.), 1959-1960	10
	1511	Negotiating history, 1941-1960	21
	1512	Bunker Hill exhibits, 1951-1952	51
	1513	Summaries of negotiating meetings, 1959-1960	48
73	1514	Labor agreement negotiations, Northwest Metals, 1964	24
	1515	Negotiation notes, AFL crafts, 1959-1960	39
	1516	Job reclassification, 1953-1954	14
	1517	Pension trust agreements, 1951-1955	18
	1518	Smelter grievance committee, 1957-1959	25
	1519	Zinc plant, 1958-1959	25
	1520	Employees eligible to vote in NLRB elections, 1953	9
	1521-1522	NLRB election lists and voting correspondence, 1953	42
	1523	Seniority lists, 1953	16
	1524-1526	Miscellaneous negotiations and strike material, 1943-1960	220
	1527	Recap of carpenters, 1952	1
	1528	Recap of machinists, blacksmiths, welders, and painters, 1952	1
	1529	Certification election, 1970	75
	1530	United Brotherhood of Carpenters and Joiners of America, Local no.1863 AFL-CIO, bargaining notes, 1959-1964	25
	1531	International Brotherhood of Electrical Workers, Local no.73, bargaining notes, 1960-1964	45
	1532	United Association of Journeymen and Apprentices of the Plumbing and Pipefitting Industry of the United States and Canada, bargainin:	
	1533	Bricklayers, Masons and Plasterers International Union of America, Local 9, bargaining notes, 1960-1963	17
	1534	International Association of Machinists, bargaining notes, 1964	3
	1535	Northwest Metal Workers - Bunker Hill Company labor management agreement extension, 1967-1970	5
	1536	Pacific Division group hospital-medical-surgical benefits plan, 1958-1969	29
	1537	Contract dummy draft, 1959	1
	1538	International Union of Mine, Mill and Smelter Workers, 1960	12
74	1539	Effect of a sliding wage scale, 1953	1
	1540	Employee and Public Relations Department: Operating and Capital budgets and expenses, 1969	23
	1541	Interdepartmental reports, 1967-1968	13
	1542	Board of Directors - Shareholders information, 1959	6
	1543	Bunker Hill - Gulf Resources merger, 1968	19

**B. OTHER PERSONNEL MATERIAL, 1940-1982**

	1544	Hires, 1977-1982	1
	1545	Quits, 1980-1982	1
	1546	20 year clubs, 1969-1981	7
	1547	Mine 20 year club dinner, program, 1970	1
	1548	Retirements, 1972-1974	127
	1549	Old pension plan "live", 1940-1957	48
	1550	Bunker Hill annual report to employees, 1979	1
	1551	Agreement between the Bunker Hill Co. and International Union of Mine, Mill and Smelter Workers, Inc., and its local 18, 1956	1
	1552	Labor management agreement, Bunker Hill and United Steelworkers, 1980	1
	1553-1554	Mine operators and International Union of Mine, Mill and Smelter Workers labor contract conferences, 1942	9

**VIII. Historical Material, 1885-1981**

	1880-1909		
	1555	Bunker Hill Monument Association membership certificate for Stanly A. Easton, n.d.	1
	1556	Copy of original claim notice on Bunker Hill claim, 1885	2
	1557	Cooper & Peck court decision, June 11, 1886	3
	1558	Stanly Easton correspondence: Hamilton Powder Co., 1900-1901	20
	1559-1560	Williams, John T., 1900-1902	65
	1561	Backus, E.W., 1902	7
	1562	Bourn, W.B., 1902	7
	1563	Sonnemann, George A., 1902-1906	48
	1564	Rickard, T.A., 1902-1907	24
	1565	Granby Consolidated Mining, Smelting & Powder Co., 1903-1904	5
	1566	Carden, W.L., Guggenheim Exploration Company, 1904	27
	1567	Mine and Smelter Supply Co., 1904-1905	5
	1568	Ontario & Ontario Fraction correspondence, 1904-1906	39
	1569	British Columbia, miscellaneous, 1905-1907	4
	1570	Pennsylvania Smelting Co., 1905-1909	6
75	1571-1572	Folsom, Myron, 1905-1910	179
	1573	SAB: Harry Draper, 1906	5
	1574	SAB: Gould Mines Co. evaluation, 1906	19
	1575	The Idaho Magazine, Steuenberg Assassination, v.3, no.3., 1906	1
	1576	The Idaho Magazine: Capt. Swain-Thiel's detective, v.3, no.5, 1906	1
	1577	SAB: Information on baldness, 1906	4
	1578	Pinkerton Detective Agency, 1906	136
	1579-1581	Thiel Detective Service, 1905-1907	206
	1582	Talk to graduates of Kellogg schools, 1906	1
	1583	Graves, Jay P., 1906-1907	12
	1584	Dietrich, Judge F.S., 1907	2
	1585	YMCA correspondence, 1907	1
	1586	Sibley, Robert, 1907-1908	19
	1587	Idaho, Miscellaneous, 1907-1910	1
	1588	Guggenheim, Daniel, 1908	54
	1589	Rickard, T.A. "From mine to battleship", 1908	1
	1590	SAB correspondence: South Africa, 1908	3
	1591	F.W. Bradley correspondence from W.J. Elmdorf re: Bunker Hill Mine, 1908-1910	10
	1592	SAB Correspondence: Idaho Review, 1908-1909	17
	1593	Idaho Smelting and Refining Co., 1908-1909	6
	1594	Kootenai Valley land, 1908-1909	10
	1595	Tacoma Smelting Co., 1908-1909	6
	1596	Houston, George, 1909	14
	1597	The Idaho Press, 1908	9
	1598	"The tariff and its relation to a few western industries," speech of Burton L. French in the House of Representatives, February 16,	
	1599	SAB Correspondence: Keane, J.P. 1909	3
	1600	Miscellaneous Easton correspondence, 1909-1910	108
	1910-1929		
	1601	Notice to stockholders: proposal to purchase the Wardner properties of the Federal Mining and Smelting Company, March 25, 1910	1
	1602	"History of the 1910 forest fires in Idaho and Western Montana," by Elers Koch, 1911	1
	1603	"Origin of lead, zinc, and silver in the Coeur d'Alene," by Oscar H. Hershey, 1913	1
	1604	"Memorial addresses on the life and character of Weldon Brinton Heyburn delivered in the Senate and the House of Representatives of	
	1605	Wallace Miner, December 23, 1915	1
	1606	Historical poem "Story of a paper weight," ca.1916	1
	1607	Articles re: smelter startup, 1917	1
	1608	Stores account, November 1917	1
	1609-1612	U.S. District Court case: ASARCO vs. Bunker Hill, 1917	4
	1613	Ore contract between Bunker Hill and ASARCO, March 1, 1918	1
	1614	"Hand sorting of mill feed," by R.S. Handy, 1918	1
	1615	"Bunker Hill Bullion" war numbers, 1918-1919	5
	1616	Northwest Mining Truth, February 2, 1920	1
	1617	Wallace Miner re: Star Mine, March 5, 1925	1
	1618	Agreement with Vieille Montagne Zinc Company for sale of zinc concentrate from Bunker Hill, July 31, 1926	1
	1619	Wallace Miner, May 5, 1927	1
	1620	Sidney aerial tramway construction cost analysis, 1927	1
	1621	"Sullivan zinc plant," by U.C. Tainton, 1928	1
	1622	Historical clippings, 1928	2
	1623	Idaho stone in Washington Monument, 1928	3
	1624	Steuenberg memorial, 1929	1

	1930-1939	
1625	Autobiography of J.T. Henwood, 1930	1
1626	Mining Congress Journal featuring Bunker Hill and Sullivan, November 1931	1
1627	Wallace Press Times, March 4, 10, April 27, 1933; Wallace Miner, August 10, 1933	4
1628	Kellogg Evening News, ad by Bunker Hill, 1933	1
1629	Spokesman Review, flood pictures, December 1933	4
1630	Board of Arbitration ruling, case 12, 1934	1
1631	Kellogg Evening News, February 26, 1934	1
1632	Souvenir program, Miners and Smelters' picnic, August 23-25, 1935	1
1633	Bunker Hill and Sullivan study by Leib, Keystone & Co., May 1936	2
1634	Sullivan Mining Company stopwatch, 1936	1
1635	Wallace Miner "Fifty years of Progress," December 1937	2
1636	Mining industry of the Coeur d'Alene district, 1935	1
1637	Electrolytic zinc plant of the Sullivan Mining Co., by W.G. Woolf and E.R. Crutcher, 1936	1
1638	Mine sunroom time book, 1939	1
1639	Engineering & Mining Journal. The Bunker Hill and Sullivan enterprise today, August 1939	1
1640	Kellogg Evening News, October 5, 1939	1
	1940-1949	
1641	Mining salutes Idaho's 50 years of statehood, 1890-1940, 1940	1
1642	Gems of thought & history of Shoshone County, 1940	1
1643	Sketch portraits of men who made Idaho, by Irvin Rockwell, 1941	1
1644	Mining World featuring Bunker Hill electrolytic antimony, June 1942	1
1645	Spokesman Review, Progress edition, January 31, 1953	5
1646	The Haywood case, a review by Hon. Chas. P. Koelsch, before the Idaho Mining Association, April 1946	1
1647	Hecla-Bunker expand Metaline holdings, March 1947	1
1648	Recent developments in mechanization at the Bunker Hill mine, by R.S. Hooper, September 1947	1
1649	First 100 years of the Coeur d'Alene mining region, 1846-1947, 1947	1
1650	Spokesman Review, Progress issue, "World's richest mines," January 1947	1
1651	Spokesman Review, Progress issue, "Metals by the millions," January 23, 1949	1
	1950-1959	
1652	Kellogg Evening News, December 22, 1950	1
1653	Bunker Hill clippings, 1951-1959	34
1654	Zinc plant 20 year club, 1951-1968	21
1655	List of articles and reports on Bunker Hill & Sullivan, 1952	1
1656	Spokesman Review, Inland Empire Magazine, March 10, 1952	1
1657	93 years of mining in Idaho, by Henry L. Day, 1953	1
1658	The Coeur d'Alene mining industry--here today, but perhaps gone tomorrow, by C.E. Schwab, November 1953	1
1659	Haffner, J.B., background, 1954	1
1660	Historical record of zinc plant capital cost and profitability, September 1955	1
1661	Northwest Lead Co. to Bunker Hill Sales and Fabrication Division, 1956	1
1662	Historical Highlights of the Bunker Hill Co., 1885-1956, 1956	1
1663	Modernization of Bunker Hill presintering practices, by H. Lee, 1956	1
1664	Spokesman Review, Progress issue "The mining that wrests," January 29, 1956	1
1665	Information on Bunker Hill Mine, February 1956	1
1666	What's new at Bunker Hill, John D. Bradley, June 1956	1
1667	Kellogg Evening News, August 8, 1956	1
1668	Stanly A. Easton - 64 years in mining, by C.R. Stark, October 1956	4
1669	John D. Bradley talk to security analysts, 1957	1
1670	Boise exhibit material, 1957	42
1671	Wallace Miner featuring Bunker Hill acid contract and Hungarian refugees, January 24, 1957	1
1672	Spokesman Review, Progress issue "The binding forces," January 27, 1957	1
1673	Cost of production: Coeur d'Alene and Metaline Falls mining district, 1957	1
1674	Crescent Mine, 1947-1957	2
1675	Spokesman Review, Progress issue "Good living in the Inland Empire," January 26, 1958	1
1676	Coeur d'Alene Press, 50th anniversary edition, February 23, 1958	1
1677	Wallace Woolf talk before the North Idaho Chamber of Commerce, November 1958	1
1678	Updated listing of articles and reports on the Bunker Hill Company, 1958	1
1679	Spokesman Review, Progress issue "Miners are of many kinds," January 25, 1959	1
1680	History of Coeur d'Alene transmission lines, April 1959	1
1681	Dupont magazine story of Bunker Hill, 1959	5
1682	Bradley, John D., death, November 1959	24
1683	Sullivan Mining Co. ashtray, n.d.	1
1684	Sullivan Mining Co. service pins, n.d.	4
	1960-1969	
1685	Spokesman Review, Progress issue "Momentous decade, 1950-1960, January 31, 1960	1
1686	Phosphoric acid plant; Fertilizer plant, 1960	1
1687	Mine-Mill broadcasts, May-December 1960	73
1688-1689	Schwab, Charles E., background data, talks, etc, 1975	42
1690	Story of Pete Hay heroism, January 26, 1961	1
1691	Spokesman Review, Progress issue "The awakening giant," January 29, 1961	1
1692	Geology of Bunker Hill mine by Roger McConnel, 1961	1
1693	Spokesman Review, Progress issue "Around the world in the Inland Empire," January 28, 1962	1
1694	Mine-Mill broadcasts, February-November 1962	35
1695	Outline of the Bunker Hill Co., 1962	1
1696	Souvenir program, Diamond jubilee of the Bunker Hill Company and Idaho territorial centennial, 1963	24
1697	North Idaho Press, tourist edition, 1963	1
1698	Company write-ups - individual operations, 1963	7
1699	Bunker Hill papers prepared for Idaho Mining Association meeting, 1963	8
1700	Mining highlights of the Coeur d'Alene district, by Henry L. Day, 1963	1
1701	Spokesman Review, Progress issue "The empire nature made," January 17, 1963	1
1702	Spokesman Review, Progress issue "The face of an empire, January 26, 1965	1
1703	Spokesman Review, 75 years since Spokane's great fire, July 26, 1964	1
1704	North Idaho Press, tourist edition, 1964	1
1705	Bunker Hill properties and facilities, 1964	1
1706	Washington Water Power Co., 75 years of service, 1964	1
1707	Use of small load-haul-dump equipment at Bunker Hill in mining and development systems, by John Parker and Robert Russell, 1965	1
1708	Spokesman Review, Progress issue "Grand land to live in," January 1965	1
1709	Coeur d'Alene Press, Story about Bunker Hill, April 30, 1965	1
1710	New York Stock Exchange listing, Bunker Hill Co., May 14, 1965	1
1711	American Metal Market, lead and zinc supplement, July 12, 1965	1
1712	Specs on purity of antimony, special high grade zinc and cadmium, 1966	1
1713	Spokesman Review, Progress issue "Something doing the year around," January 30, 1966	1
1714	Higdon Mine, 1967	2
1715	Spokesman Review, Progress issue "The busy & beautiful inland empire," January 29, 1967	1
1716	American Metal Market. Canada: Century II / Metal supplier, June 12, 1967	1
1717	Recollections of A.B. "Curly" Henwood, July 3, 1967	2
1718	American Metal Market, Lead and zinc, July 24, 1967	1
1719	Kellogg Evening News special "Jackass ski bowl," September 20, 1967	1
1720	Boise exhibit, 1968	34
1721	Bunker Hill merger into Gulf Resources and Chemical, information on, 1968	9
1722	Mining and Engineering Journal. Bunker Hill zinc plant gets new look, January 1968	1
1723	Forbes Magazine. Battle of Bunker Hill, March 1968	1
1724	American Metal Market. Lead and zinc supplement, April 1, 1968	1
1725	Coeur d'Alene Press. Focus on North Idaho, April 27, 1968	2
1726	Bunker Hill program for Gulf Resources & Chemical executives and bankers, October 1968	1
1727	Spokesman Review, Progress issue, January 28 and December 29, 1968	2
1728	Western Mining News. Special edition, 1969	2
1729	Norman McLeod role as Noah Kellogg, 1969	1
1730	Reeves-MacDonald Mine picture, 1969	1
1731	Kellogg Evening News. Progress edition, 1969	3
1732	American Metal Market. Lead & zinc supplement, April 15, 1969	1
1733	Mining Record, December 3, 1969	1

	1734	Spokesman Review. Progress issue, "Today and tomorrow," December 28, 1969	1
	1735	Bunker Hill brochures, 1940s-1960s	13
		1970-1979	
	1736	Ramp development of deep ore bodies at Bunker Hill, by Robert Russell, 1970	1
	1737	Milling practice at Bunker Hill, by Norman J. Sather and Fred L. Prindle, 1970	1
	1738	Frank C. Woodruff, personal history, 1970-1972	8
	1739	Mining Engineering. Highlights of underground mining, by Austin Park, February 1970	2
	1740	American Metal Market. Secondary metals supplement, March 1970	1
	1741	Skilling's Mining Review. Bunker Hill marks record sales in 69, April 1970	1
	1742	Coeur d'Alene Press. Community edition, April 25, 1970	1
	1743	Mine model explanation, Bunker Hill Mine, June 19, 1970	1
	1744	Spokane Daily Chronicle. Dutch Jake Goetz, June 19, 1970	1
77	1745	Coeur d'Alene Press. Salute to mining, July 29, 1970	1
	1746	Profitability control at Bunker Hill Mine, by Robert L. Russell and Gene W. Pierson, September 1970	1
	1747	Spokesman Review. Progress issue "The Inland Empire is people," December 27, 1970	1
	1748	James H. Halley, personal information, 1971-1975	13
	1749	Shoshone County mine deaths vs. highway fatalities, 1963-1971	2
	1750	Coeur d'Alene Press. "Hey!...Look us over," April 24, 1971	2
	1751	A history of the Bunker Hill Company, 1972	1
	1752	Annual Bunker Hill payroll, 1964-1972	9
	1753	And they came to look nostalgically, by Fred Cepica, 1972	1
	1754	CH2M Hill Reports. Reviving a river, Spring 1972	1
	1755	Building mine cars in Bunker Hill mine shop, Fall 1972	1
	1756	Bunker Hill brochure, 1974	1
	1757	Brochure for "the patriot," Ken Lonn sculpture in state capitol, 1974	2
	1758	Bunker Hill announces marketing plans as of January 1, 1976, March 1974	1
	1759	Talk before North Idaho Chamber of Commerce Legislative session by James Halley, November 1974	1
	1760	Bunker Hill brochure, 1975	1
	1761	ZN75, the new look of zinc and lead, 1975	1
	1762	Overview of late North Idaho faulting and related geologic features, 1975	1
	1763	Distressing analysis for rock burst control at Crescent Mine, May 1975	1
	1764	Special Kellogg-Wardner News on early district, November 1975	1
	1765	Environment II, 1976	1
	1766	Environmental fact sheet, December 1976	1
	1767	Bunker Hill brochures, 1977-1981	2
	1768	Supervisory newsletters, 1978	9
	1769	Environment III, 1978	1
	1770	Kellogg Wardner News. Special Wardner edition, September 29, 1978	1
	1771	Third quarter report to employees, November 1978	1
	1772	E. Viet Howard, December 24, 1978	1
	1773	Annual report to employees, 1979	1
	1774	Supervisor's Newsletters, 1979	5
		1980-1981	
	1775	Bunker Hill Mine, historical production, 1886-1980	2
	1776	Annual report to employees, 1980	1
	1777	Pres. J.W. Kendrick remarks to North Idaho Chamber of Commerce meeting, May 9, 1980	1
	1778	Bunker Hill employees by location, 1970-1981	17
	1779	Supervisor's Newsletter, 1980-1981	8
	1780	The story of Bunker Hill Mine, 1981	1
	1781	The Coeur d'Alene stampede (typescript of an article appearing in the Century Magazine, October 1884), n.d.	1

### IX. Scrapbooks, 1897-1976

78	1782	Scrapbook, "Coeur d'Alene and general Northwest mining news from Spokesman Review," June 22, 1897 to July 21, 1889	1
o.s.	1783	Scrapbook, strikes, riots, etc., April 1899 to December 1901	1
o.s.	1784	Scrapbook, mining news, 1905-1917	1
79	1785	Clippings, 1917-1960	95
		Scrapbooks, Series I	
	1786-1787	C.E. Schwab's scrapbook, A-Z, 1950-1951	263
	1788-1800	Clippings, 1956-1960	1474
80	1801-1817	Clippings, 1961-1970	2003
81	1818-1822	Clippings, 1970-1971	637
	1823-1824	Clippings, 1975-1976	213
		Scrapbooks, Series II	
	1825	Wildcat strike, 1956	19
	1826-1827	Press clippings, 1957-1958	348
	1828	Lead zinc clippings, 1959	80
	1829-1834	Strike log, May-December 1960	743
82	1835-1836	Strike log, December 1960-March 1961	119
	1837	Clippings, 1960-1963	111
	1838-1839	Press clippings, 1967	400
	1840	Mining Highlights column, 1965-1968	107
	1841-1845	Pollution, 1970-1971	616
	1846-1849	Sunshine Mine fire disaster, 1972	520
	1850	Sunshine Mine fire, diary of rescue and notes, 1972	4
		Articles	
83	1851	John D. Bradley obituaries, 1959	1
	1852-1854	Notebook 1, Coeur d'Alene Mines, 1921-1973	24
	1855-1856	Notebook 2, Coeur d'Alene geology, 1888-1970	25
	1857	News releases, 1969-1972	23
	1858	Bunker Hill Co., general, 1956-1974	12
	1859	Bunker Hill mine, 1953-1975	14
	1860	Concentrator, 1951-1961	5
	1861	Lead - zinc - silver, 1910-1966	15
	1862	Smelter, 1944-1969	13
	1863	Pollution, 1970	15
	1864	The Bunker Hill Company, 1966	1
o.s.	1865-1866	Dividend scrapbooks, 1912-1961	2

### X. Newsletters, 1956-1981

	1867-1868	GAP News, 1976-1977	296
	1869-1886	Bunker Hill Reporter, 1956-1977	181
84	1887	Report, 1978	2
	1888	Lifelines, 1979	1
	1889	Intercom, 1981	2
	1890	Retirement corner mailing lists, 1968-1971	20
	1891	Retirement corner - used, ca.1965-1969	88
	1892	Retirement data, ca.1967-1969	94
	1893	Reporter, early material, 1957	6
	1894	Newspaper editors survey, May 1970	11

### XI. Other Companies, 1902-1982

#### A. COMPANIES A-N

85	1895	Caledonia Mining Company: Audit report prepared by John F. Forbes, Co., 1938	1
----	------	--	---

	1896-1897	Financial ledgers, 1903-1914	2
o.s.	1898	Financial ledger, 1914-1918	1
	1899-1903	Cash books, 1907-1932	5
o.s.	1904	Cashbook, 1914-1918	1
o.s.	1905-1906	Voucher registers, 1907-1914	2
o.s.	1907	Sales journal, 1914-1928	1
o.s.	1908-1909	Cost of stoping journals, 1914-1917	2
o.s.	1910	Capital stock journal, 1910-1914	1
	1911-1917	Stock journals, 1914-1918	7
86	1918-1922	Stock journals, 1918-1924	5
	1923-1926	Stock ledgers, 1907-1915	4
o.s.	1927	Stock ledger, 1915-1918	1
	1928-1930	Dividend books, 1910-1916	3
o.s.	1930	Dividend book, 1916-1918	1
87	1932	Hall Interstate: Bullion record, 1929-1931	1
	1933	Hayes Company: Minute book, 1916-1926	1
	1934	Kellogg Housing Co.: Rentals general ledger, 1943-1947	1
	1935	Lead & Zinc Company: Minute book, 1912-1916	16
	1936	Lead King Mines: Minute book, 1906-1919	19
	1937	Stock certificates, 1906-1917	1
	1938	Little Jim Mining Co.: Ledger, 1948-1952	2
	1939	Metaline Contact Mines: Audit reports by Randall and Magnuson, 1949-1952	3
	1940	Notice of annual meeting, 1978-1980	2
o.s.	1941	Metaline Falls Lead Zinc Co.: Minute book, 1928-1931	1
o.s.	1942	Metaline Metals Co.: Minute book, 1931-1945	1
o.s.	1943	Financial Journal, 1928-1944	1
	1944	North American Mining & Milling Co.: Audit report, 1938	1
	1945-1946	Cashbooks, 1903-1908	2
	1947	North American Mining Company: Financial ledger, 1903-1908	1
	1948	Financial Journal, 1903-1908	1
	1949	North Idaho Phosphate Co.: Audit report, 1967	1
	1950-1956	Financial statements, 1965-1978	318
	1957	Associated Lead and Zinc Co.: Audit reports, 1949-1955	6
	1958	Memos to Board re: construction, 1949-1950	7
	1959-1960	Northwest Lead Co.: Audit reports, 1938-1955	21
o.s.	1961	Northwest Lead and Machinery Co.: Minute book, 1915-1920	1
o.s.	1962-1965	Northwest Lead Co.: Minute books, 1920-1956	4

**B. PEND OREILLE MINES AND METALS**

88	1966	Articles of Incorporation and by-laws, 1972-1974	16
	1967	Corporation licenses, 1955-1973	17
	1968	Minute book, [Pend Oreille Lead & Zinc], 1926-1929	1
	1969-1972	Minute books, 1929-1974	4
	1973	Annual reports, 1962, 1968, 1970	3
	1974	Merger documents, 1974	28
	1975-1977	Securities and Exchange Commission reports, 1974	9
	1978-1979	Miscellaneous papers, 1973-1974	30
	1980	Correspondence, Investment advisor, 1972-1974	31
	1981	Reports of Pend Oreille and Reeves MacDonald Mines, Ltd., by Roy P. Full, 1966	2
89	1982-1993	Don Wilson's file: Accounts payable, A-Z, 1972	448
	1994	A, Address changes - share holders; accounts receivable, Accounts receivable - mine, 1973	45
	1995	B, Bonus record sheets, Bunker Hill Co., 1973	60
	1996	C, Census of mineral industries, Campbell & Jamison, Concentrate shipments, 1973	25
	1997	Correspondence: Directors, Mine, Shareholders, Frank Woodruff, 1972-1973	120
	1998	D, E, Employment Security Department - Quarterly tax report, 1973	9
	1999	F, First City National Bank of Houston, 1973	74
	2000	Forest excise tax returns, 1973	14
	2001	G, Gulf Resources & Chemical Corp., H, I, Industrial Insurance - Medical aid, Internal Revenue Service, J, 1973	36
	2002-2004	Journal entries, 1973	69
	2005	L, Lead Industries Association, Labor, M, 1973	26
	2006	Metaline Falls account statements (ONB), 1973	12
	2007	Metaline Falls payroll account, Ione State Bank, 1973	12
	2008-2009	Mine reports, 1973	69
	2010	N, Northwest Metal Workers proposal, Northwest Mining Association, O, Old National Bank - General account statements, ONB general a/c	
	2011	P, Payroll information, Press releases, 1973	50
	2012	S, Securities and Exchange Commission, Share certificate money returns, Spokane Chamber of Commerce, State of Washington, Dept. of I	
	2013	State of Washington, Dept. of Revenue, Excise tax returns, 1973	15
	2014	U, U.S. Dept. of Commerce, U.S. Dept. of Interior, W., 1973	29
	2015-2016	Outgoing correspondence, 1973	298
	2017	Cost reports, 1973	12
	2018	Manpower inventory, 1973	12
	2019	Detail of hourly payroll, 1972	1
	2020	Mine reports: tonnage, development, drill footage, 1973	37
	2021-2024	Accounts payable, 1977	138
90	2025	A, Accounts receivable, B, Bunker Hill Co., C, Changes of address, Concentrate shipments, 1974	22
	2026	Correspondence: Shareholders, Directors, Woodruff, Frank, D, Directors fees, 1974	38
	2027	Employment Security Dept. quarterly tax report, F, First City National Bank of Houston, G, Georgeson & Co., Gulf Resources & Chem	
	2028-2029	Journal entries, 1974	31
	2030	K, Lead Industries Association, M, Mine reports, 1974	20
	2031	N, Northwest Mining Association, OND correspondence, P, Payroll information, Press releases, 1974	27
	2032	Returned stock certificates, 1973-1974	33
	2033	S, Securities & Exchange Commission, State of Washington Dept. of Natural Resources, Statements: General account, Metaline Falls a/c	
	2034	U.S. Dept. of Commerce - U.S. Dept. of Interior Bureau of Mines, W, 1974	12
	2035	Don Wilson chronological file, 1974	94
	2036-2039	Audit reports, 1942-1973	52
	2040	Earnings and profits, 1929-1972	5
	2041-2043	Balance sheets, 1950-1957	144
91	2044-2052	Balance sheets, 1958-1974	250
	2053	Financial reports and worksheets, including Reeves MacDonald, 1968-1972	28
	2054-2057	Securities and Exchange Commission annual reports, 1966-1973	41
	2058-2063	Corporation income tax returns, 1948-1973	134
	2064-2075	Property tax material, 1937-1974	256
o.s.	2076	Zinc production settlement journal, 1967-1974	1
o.s.	2077	Lead production settlement journal, 1968-1974	1
o.s.	2078	Invoice register, 1972-1974	1
		Alphabetical File	
93	2079	Alcan Metals insurance claim, 1973-1974	8
	2080	Dissenter claims, 1974	18
	2081	First City Bank of Houston, transfer agent, 1972-1973	20
	2082	Inventory, September 30, 1972	1
	2083	Laubert Corporation consulting agreement, 1968-1971	5
	2084	Metaline Falls lagoon contract, 1968	1
	2085	Mineral rights contract, workpapers, 1963-1973	39
	2086	Mineral rights contract, reports by J.E. Gordon, 1963-1964	3
	2087	Pacific Coast Stock Exchange listing, 1970	4
	2088	Payroll costs, 1968-1973	1
	2089	Proofs of labor, 1971	2
	2090	SEC form 9K, 1965-1970	5
	2091	SEC insider reports, 1970	23
	2092-2093	Smelter contracts, 1961-1974	6
	2094	State of Washington, Surface-mined land reclamation act, 1971	1
	2095	Timber sales, excise tax, 1972	7
	2096	Stock issues; Stop transfers, 1970-1974	29
	2097	U.S. Corps of Engineers, waste discharge application, 1971	10

2098	U.S. Dept. of Interior. Health & safety reports, 1970-1972	5	
2099	U.S. Treasury Dept. Earnings and profits computation, 1963-1967	13	
2100	IRS deficiency assessment, 1963-1965 taxes, 1967-1970	60	
2101	Tax credit application, tailing pond, 1969-1970	35	
2102	U.S. Mineral survey 1323, patent application, Washington 05632, 1969-1974	11	
2103	Washington Resources, Inc., 1974	2	
2104	Pend Oreille Oil and Gas Co., Minute book and corporate seal, 1972	3	
o.s.	2105-2114	Dividend records, #11-19, 1960-1970	10
	2115-2117	Lists of shareholders, 1968-1972	3

**C. REEVES MACDONALD MINE**

94	2118	Don Wilson's file: Address changes, B. Bunker Hill Co., D. Canada Corporations Act, Correspondence - Mine, Canadian Imperial Bank o	
	2119	Correspondence: Directors; Shareholders, 1973	40
	2120	Concentrate settlements, Annex - Lead, 1973	47
	2121	Concentrate settlements, Annex - Zinc, 1973	92
	2122	Deposits: Vancouver account, Canadian Imperial Bank of Commerce, 1973	26
	2123	Deposits: Salmo account, 1973	63
	2124	H. Hamilton, Kirby & Brown, Invoices paid, 1973	24
	2125-2130	Journal entries, 1973	153
	2131	K, L, M, March & McLennan, 1973	19
	2132	Mine reports, 1973	21
	2133	Minutes, N. Ontario Securities Commission, Pollution control, S, Standard Insurance, 1973	43
	2134	T; Thorne, Gunn, Helliwell & Christenson; V; W; 1973	9
	2135	Don Wilson's chronological file, 1973	65
	2136-2137	Canadian Imperial Bank of Commerce, reconciliations, 1974-1975	81
	2138	Concentrate settlements, Annex - Lead, 1974-1975	51
	2139	Concentrate settlements, Annex - Zinc, 1974-1975	139
	2140	Cost reports, 1974	4
	2141	Forecasts, 1974	8
	2142	Invoices paid, 1974	30
95	2143-2148	Journal entries, 1974	199
	2149	M, Miscellaneous, 1974	1
	2150	Marsh & McLennan, 1974	3
	2151	Mine reports, June-July 1974	7
o.s.	2152	Payroll journal, November 1970-May 1974	1
	2153	Payroll journal, June-July 1974	6
	2154	Thorne, Gunn, Helliwell & Christenson, 1974	14
	2155	Assays - lead, 1974-1975	44
	2156	Assays - zinc, 1973-1975	174
	2157	Audit reports, 1949-1951	3
	2158-2159	Balance sheets, 1964-1969	67
	2160	British Columbia Royalty and Mineral land tax regulations, 1974	5
	2161	B.C. Mineral land tax act, 1974-1976	18
	2162	B.C. Mining tax act, 1974	23
	2163	B.C. Mining taxes, laws & reports, 1974-1977	24
	2164	B.C. lawsuit, 1974-1976	43
	2165	B.C. government appeal data, 1976	17
	2166-2167	B.C. royalty calculation, 1974-1976	37
	2168	B.C. royalty summary sheets to R.R. McNaughton, 1975-1976	11
	2169	B.C. royalty, miscellaneous audit correspondence, 1976-1977	20
	2170	B.C. royalty, miscellaneous correspondence, 1974-1976	9
	2171	Canadian Bechtel Ltd., consulting agreement, 1968	1
	2172	Cost study worksheets, 1971	14
96	2173	Diem Mine proposal, 1973	8
	2174	Canadian Imperial Bank of Commerce. B.C. Hydro parity bond assignment to B.C. Minister of Finance, 1972-1974	17
	2175-2176	Invoices paid, 1975-1977	41
	2177-2186	Journal entries, 1975-1976	275
	2187	Labor agreement, April 16, 1971	3
	2188	National Lead Industries, 1973-1974	20
	2189	Projected operation plan, 1972-1974	10
	2190	Projected operations plan worksheets, 1974-1976	31
	2191	Promissory notes, 1970-1974	16
	2192	Property values, 1958-1959	3
	2193	Reclamation program and report, November 8, 1971	5
	2194	Smelter contracts, 1964-1971	22
	2195	Toronto stock exchange, 1974-1976	16
	2196	Western Exploration Co. lease, 1975	2
	2197	Proxies, 1962-1967	5
	2198	Samples of dividend checks, 1964-1967	13
	2199	Dividend claims held in abeyance, 1968	17
	2200	Dividend and shareholder claims, 1968	18
	2201	Dividend account reconciliations, 1962-1970	17
	2202	Letters to shareholders, 1975	2
o.s.	2203-2204	Shareholder lists compiled before each dividend, 1959-1974	2

**D. COMPANIES S-Z**

		Sierra Nevada Consolidated Mining Company	
97	2205	Financial journal, 1940-1943	1
	2206	Audit report by John F. Forbes & Co., 1938	1
o.s.	2207	Bullion record, 1914-1941	1
	2208	St. Joe Mineral Corporation: Royalty agreement, 1972-1973	7
		Sullivan Mining Company	
	2209	Articles of Incorporation, 1921-1954	10
	2210	Yearly financial reports, 1939-1940, 1944	3
	2211-2215	Annual financial statements, 1952-1955	5
	2216	Stock ledger/journal, 1917-1941	1
	2217	Cancelled stock certificates, 1917-1955	1
	2218-2223	Treadwell Yukon Co., Ltd., Tybo (Nevada) Mine. Reports of mine superintendent to Bunker Hill, 1928-1937	200
		Zinc Lock Company	
	2221	Payroll summary reports, 1970	12
	2222	Financial statements and reports, 1968-1972	81
	2223	Unidentified: Ledger for unidentified mine in Boundary County, near Bonners Ferry, 1927-1928	1

**XII. Miscellaneous Items, 1913-1983**

o.s.	2224	Buss (sic) drivers: Record of special trips made by Bunker Hill jitneys or buses, 1938-1940	1
o.s.	2225	Visitors register, smelter, 1957-1969	1
98	2226	Guest books: Phosphate acid plant open house, August 31, 1960	2
	2227	Guest book: Dedication of Hemwood Library, June 22, 1967	1
	2228	Great Salt Lake Minerals & Chemical Corp., 1968-1970	52
	2229	Gulf Resources and Chemical Corporation, Miscellaneous, 1968-1970	44
	2230	Idaho Mining Association projects, 1972-1973	10
	2231-2232	Jackass Ski Bowl, 1966-1973	110
	2233-2235	Shoshone Recreation, Inc. - Silverhorn, 1973-1978	116
	2236-2241	Shoshone Recreation, monthly financial statements, 1973-1979	67
99	2242	Transcript: Meeting of Subcommittee on Public Lands of the House of Representatives (Conference on revision of the United States Mi	
	2243	Flat maps showing Bunker Hill ownership, c.1954	1
	2244	Bunker Hill lead smelter plant handbook, c.1976	1
	2245	Bunker Hill safety manuals and other brochures, 1964-1965	12
	2246	Drawings for pelletized fertilizer container, n.d.	5
	2247	Gulf Resources and Chemical Corp. directories, 1981-1983	3
	2248	Proposed housing program for the Bunker Hill Company, prepared by Skidmore Owings and Merrill, Architects, 1956	1

2249	Hershey, Oscar H. Reports on various mining properties, 1925-1930	21	
2250	Hershey, Oscar H. The geology and ore deposits of the Wardner District, Idaho, 1911	1	
2251	Callaway, Fred W. Report on the property of the Sidney Mining Company, Shoshone County, Idaho, 1925	1	
2252	Handy, R.S. Report of the electrolytic process used in the plant of the Consolidated Mining & Smelting Co., Trail, B.C., 1913	1	
2253	Shaw, Clifford. Review of proposed nitrogen and phosphate plants, Columbia River Chemicals, Inc., 1954	1	
2254	Liability release, 1987	1	
2255	Maps showing ownership in the Coeur d'Alene mining area, 1950-1969	2	
2256	Map: Insurance survey of Bunker Hill, 1976	4	
2257	Map: Townsite map of Sweeney, Idaho, 1921	1	
2258	Spokesman Review Magazine, Progress issue, Mining section, December 1972	1	
2259	Sinclair, M.J. Recollections of a pioneer (carbon typescript), n.d.	1	
	Reel to reel tape recordings		
2260	Unidentified (unplayable), n.d.	1	
2261	Shoshone County promotional program, n.d.	1	
2262	Charles E. Schwab speech to Bunker Hill Employees, Feb. 14, 1968	1	
	Data disks (15" diameter)		
o.s.	2263	DLI backup, data and tables, August 28, 1981	1
o.s.	2264	SLO backup, RSX-11M & ICS systems as of 7-10-81, August 28, 1981	1
o.s.	2265	System disk, RSX-11M & ICS system, October 7, 1981	1
o.s.	2266	Development pack, ICS system source, October 7, 1981	1

### XIII. Photographs, 1889-1979

#### A. SMELTER, 1966-1979

100	2267	Miscellaneous: Cracked kettle, buckled hood, bundling with wire, citrate acid pit, Lurgi broken seals, smelter shots for Ken (WKE).	
	2268	Acid plant, record shots, 1969-1970	218
	2269	Assay plant, old, 1967	1
	2270	Blast furnace, 1966-1969	54
	2271	Baghouse, 1966-1970	20
	2272	Batch plant, n.d.	1
	2273	Casting and loading, c.1967	12
	2274	Coke debris, 1970	9
	2275	Compressor, n.d.	6
	2276	George Shankster & crew, rubber belt conveyor, 1970	4
	2277	Crane, 1969	13
	2278	Electric shop, 1967-1968	5
	2279	First smelter employees, n.d.	2
	2280	Expansion, 1969	2
	2281	Flue, 1968-1970	25
	2282	High line, 1967	10
	2283	Lurgi, 1969	58
	2284	Melting pot, 1969	3
	2285	Miscellaneous, c.1967	15
	2286	Pollution, water, 1968	2
	2287	Press day pictures, 1970	37
	2288	Pressure leach (autoclave), n.d.	2
	2289	Refining kettle, baghouse, 1970	8
	2290	Silver refinery, n.d.	12
	2291	Sintering plant, 1967-1970	63
	2292	Stack, n.d.	2
	2293	Supervisors, 1968	2
	2294	Train wreck, 1966	1
	2295	Unidentified, n.d.	23

#### B. ZINC PLANT, 1956-1970

2296	5th unit start, 1957	9
2297	Acid plant, 1970	15
2298	Anode washer, 1969	6
2299	Assay lab, 1966	3
2300	Burt filters, n.d.	3
2301	Cadmium plant, 1969	17
2302	Cell room, 1967	1
2303	Compressor, Rotary, n.d.	2
2304	Concentrate handling building, 1967	2
2305	Construction, 1956	2
2306	Cooling towers, n.d.	1
2307	Expansion, 1966-1967	24
2308	Electric shop, 1969	1
2309	Furnace charging units, 1969	3
2310	Generator room (old units), 1967	2
2311	Zinc popcorn, 1969	2
2312	Roasters, 1967	12
2313	RoF damage, 1969	7
2314	Safety banquet, 1970	3
2315	Zinc slab & Idaho, n.d.	4
2316	Snow and Ice, 1969	1
2317	Stack, 1969	3
2318	Sulfuric acid plant, 1966-1967	8
2319	Train accident, 1967	3
2320	Turbine, 1969	6

#### C. RESEARCH LABS & FERTILIZER PLANT, 1960-1970

101	2321	Acid car fertilizer plant, n.d.	1
	2322	Aerial view, laboratory, n.d.	1
	2323	Bagging fertilizer, 1969	6
	2324	Bunker Hill labs, 1967	3
	2325	Fire assaying, 1969	34
	2326	Miscellaneous: Samplers (Hi-line, Larson test, wet cars, n.d.)	9
	2327	Overall research lab, n.d.	4
	2328	Open house, Phosphoric acid plant, 1960	13
	2329	Outside views, 1960-1965	4
	2330	Phosphoric acid plant, c.1960-1968	9
	2331	Plant view, fertilizer plant, n.d.	3
	2332	Lab picnic, 1970	12
	2333	Research lab equipment, n.d.	2
	2334	Sample smears, n.d.	4
	2335	First shipment from phosphoric acid plant, 1961	4
	2336	SO2 detection equipment, R & A labs, 1970	3
	2337	Inside tank, fertilizer plant, 1967	4
	2338	X-ray spectrometer, n.d.	8

#### D. CONCENTRATOR & MINE AREA, 1957-1970

2339	Mine assay office, old, 1957	3
2340	Burgin ore bin, 1968	2
2341	Car dumper @ R.H., 1969	6
2342	Concentrator, 1957-1962	13
2343	Percussion drill rig, 1970	6
2344	Jig tailings wash, 1966	2
2345	Lead refinery, n.d.	11
2346	Damaged liners at concentrator, 1969	4

2347	Mine yard, 1968	1
2348	Nordberg compressor, Mine, 1968	4
2349	Outside views, concentrator, n.d.	3
2350	Offices, Bunker Hill Company, 1968	4
2351	Quantometer, 1959	4
2352	Rock house, n.d.	2
2353	Tailings pond, 1969	9
2354	Unidentified, n.d.	9

**E. COAST OPERATION, 1968-1979**

2355	Houston office, 1969	13
2356	Great Salt Lake, 1968-1970	82
2357	Lithium-Seasamer, 1969	32
2358	Pacific Division, 1968	35
2359	Vanguard, n.d.	2
2360	Zinc-Lock, n.d.	16

**F. MINES: BUNKER HILL, CRESCENT, 1957-1976**

2361	Aerial views, 1968-1972	29	
2362	Air compressor, mine powerhouse, 1968	2	
2363	Baghouse/Flue, 1974	34	
2364	Board of Directors, 1966-1968	11	
2365	Bunker Hill photographs, n.d.	6	
2366	Bureau of Mines tour of citrate plant, 1974	6	
2367	Casting machine, Zinc plant, n.d.	9	
2368	Computer services, 1969	5	
2369	Cortez Gold Mine, 1970	12	
2370	Covering gypsum pond, 1970	6	
2371	Crescent-Bunker Hill connection, 1965	4	
2372	Environment II, n.d.	19	
2373	Flue shots, 1973-1976	17	
2374	Gulf Resources & Chemical picture of Bunker Hill Mine, 1974	1	
2375	#5 hoist, mine - damaged cable, n.d.	4	
2376	Jackass desk set presented to C.E. Schwab, 1968	1	
2377	Mine jumbo, n.d.	22	
2378	Laser light demonstration, mine underground, 1969	4	
2379	Lithium Corporation visit to Bunker Hill Mine, 1968	3	
2380	Lead Zinc symposium - P.P. address, n.d.	1	
2381	Melting department, n.d.	5	
2382	Mine underground - John Parker, 1970	6	
2383	Mine locomotive, Crescent Mine, 1957	2	
2384	Mine ramp, 1971	9	
2385	Mine rescue, 1976	35	
2386	Miscellaneous, 1972-1975	192	
102	2387	Nancy Lee Mine, n.d.	5
2388	Nordberg compressor, n.d.	1	
2389	North Fork pictures, n.d.	3	
2390	Ore trains - Bunker Hill mine, n.d.	4	
2391	Page hoist/comp., n.d.	9	
2392	Pend Oreille Mines & Metals, n.d.	13	
2393	Pillar mining, 1966	18	
2394	Phosphate photographs, 1973	41	
2395	Company plane, n.d.	2	
2396	Plant (not printed), n.d.	16	
2397	Pollution, 1969-1970	15	
2398	Mine portal, 1968	11	
2399	Potash mine (Sigmundshall Potash Mine and Refinery, Bad Salzdetfurth, Germany), 1969	5	
2400	Press day pictures, 1970	11	
2401	Russell tunnel, 1971	5	
2402	Safety, 1968-1970	21	
2403	Sand fill, Bunker Hill Mine, c.1968	6	
2404	Shaft mucker, Bunker Hill mine, n.d.	7	
2405	Shafts, Crescent mine, c.1970	30	
2406	Silver refinery, Bunker Hill, 1970	22	
2407	Skip, Bunker Hill, 1969	3	
2408	Smelter pictures, c.1970	7	
2409	SO2 monitoring, WWP, n.d.	8	
2410	Spokesman Review, Progress Edition, Bunker Hill anniversary, 1963	22	
2411	Stack photographs, n.d.	3	
2412	Staff house, n.d.	2	
2413	Star mine - hoist room, July 1970	12	
2414	Stripping - Zinc plant, 1968	2	
2415	Sunshine mine, Antimony plant opening, n.d.	5	
2416	Sweeney portal, n.d.	3	
2417	Tall stacks (some are construction photos), n.d.	93	
2418	Track hoe, 1968	9	
2419	Train wreck, CN car in warehouse parking lot, March 1, 19--	10	
2420	Trucks, n.d.	1	
2421	Tunnel, Bunker Hill, n.d.	3	
2422	Unidentified, n.d.	31	
2423	Water, 1967-1969	18	
2424	Wildcat strike, 1968	7	
2425	Zinc plant, 1958-1971	28	

**G. UNLABELED, 1962-1976**

2426	American Mining Association meeting, April 10, 1970	9	
2427	Gene Baker, n.d.	4	
2428	Russ Bishop, n.d.	17	
2429	Blood testing, n.d.	1	
2430	Boise exhibit, 1968	5	
2431	Diamond jubilee (Wardner), 1963	4	
2432	K. Droste with mining congress people, 1970	2	
2433	Earthday high schoolers, 1970	6	
2434	Employment office (uptown), n.d.	1	
2435	Environmental affairs, 1973-1975	29	
2436	Eye injury (hammers), n.d.	3	
2437	Farragut display, 1967	6	
2438	Bunker Hill float, 1958	3	
2439	Greenhouse, n.d.	1	
2440	Gulf Resources and Chemical personnel, 1969-1976	31	
2441	B. Hafner's knife, c.1970	3	
2442	Jim Halley, candida, 1975	13	
2443	Bunker Hill hard hat, n.d.	2	
2444	Hecla stream project, n.d.	30	
2445	Henwood library dedication, 1967	5	
2446	Company houses, 1968	30	
103	2447	Idaho Mining Association, 1969-1972	31
2448	Silver Jackass for 25th anniversary of Sunshine Inn, 1968	4	
2449	Jackass ski bowl, 1968	15	
2450	Kellogg, 1962-1970	3	
2451	George Kent, n.d.	1	
2452	Andy Larson, 1970	4	

2453	Legislators, 1970	10
2454	Art Lennon, Burt Lipshay, 1969	4
2455	Lookout Pass ski shots, 1972	9
2456	Miss Kellogg, 1970	19
2457	B.M. Mattern, Robert Mige, 1969-1970	3
2458	Northwest Mining Congress, 1970	9
2459	Negotiations, c.1969	6
2460	Old pictures, n.d.	7
2461	People, 1973-1976	26
2462	Alan Pols, n.d.	4
2463	Rescues "Annie", n.d.	2
2464	Retirements, c.1970	35
2465	Domenic Rinaldi, Bob Russell, c.1970	2
2466	Norman Sather, 1970	2
2467	Singing at concert, 1970	6
2468	Smelterville sewer dedication, 1969	2
2469	Topographical map, Smelter Heights area, n.d.	1
2470	Jerry Turnbow, Fred Turner, 1970-1975	5
2471	Twenty year clubs, 1970-1975	35
2472	Underground trees, n.d.	4
2473	United Way crusade, 1967-1970	64
2474	Vice president's silver medallion award to the Acid Plant crew, 1969	6
2475	Bunker Hill volunteer firemen, 1970	6
2476	Washington Water Power court materials, 1972	6
2477	Wise owls (eye safety), n.d.	17
2478	YMCA director Paul, c.1970	2
2479	Zinc plant, n.d.	2

**H. BUNKER HILL REPORTER PICTURE PAGES, 1967-1972**

2480	Pilot's life; Seattle plants; Jobs; New hospital; Safety department; Railroad system; Reporter is printed; November 1957-December 1	
2481	MSB insurance claims processing; Mine timber; Warehouse; Kellogg main office building, 3rd floor; Natural gas; Company offices; Coe	
2482	Machinists; Smelter, parts I and II; Zinc plant, parts I and II; Solder production in Seattle; Salaried employees remain busy durin	
2483	Assorted jobs; Phosphoric acid plant; Safety glasses, parts I and II; Timber treating; Variety of jobs; Seattle - battery productio	
2484	Mine assay office; Employee jobs; Carpenters; Cadmium plant; Stock transfer procedures; Painters; Employee duties; Electricians; Jan	
2485	Maintenance personnel; YMCA; Boiler makers; Foreign concentrate; January-June 1963	52
2486	Salmon derby; West Shoshone General Hospital; Pipe fitters; Kellogg civic building; July-December 1963	60
2487	Time keeping system; Bowling; Bunker Hill ladies; Alloy products, Zinc plant; Safety award spending; February-December 1964	82
2488	Garage; Lubrication crew; Scales; February-May 1965	80
2489	Mine safety; Kellogg construction; Zinc plant expansion; custom milling; Brick layers; June-December 1965	71
2490	Civil defense; Fertilizer plant; High line; Water department; January-April 1966	62
2491	Zinc plant expansion; Camp Ferguson; Smelter tour; Springtime in Kellogg; YMCA night school; June-December 1966	94
2492	Apprentices; Mill ponds; Data processing deeps tabs on warehouse; New labs; Warehouse; Jambores; Soil sampling; Smelter 50th annive	
2493	Bunker Hill mine cable crew; Crescent cooling system; Ore sampling system; Efficiency increased at concentrator; Spear bullets; Pac	
ber 1968	131	
2494	Lithium Corporation personnel; Zinc-Lock Corp.; Fire assaying; Zinc plant cadmium unit; Mine 20 year club; Bunker Hill construction	
2495	Underground square set stope procedure; Zinc plant casting; Utilities; Concentrator; February-August 1970	84

**I. CURRENT REPORTER, 1969-1970**

2496	January, September-December 1969	55
2497	January-December 1970	158

**J. MISCELLANEOUS, 1957-1975**

2498	Ancient mining; copy negatives of plates from a book on mining, n.d.	5
2499	Concentrator, interior shots, 1957	4
2500	Copy negatives of Barnard-Stockbridge prints, n.d.	7
2501	Ray's negatives of Hawaii and Houston, n.d.	4
2502	Mine jumbo, 1970-1972	39
2503	Mr. Marcy with clocks, n.d.	4
2504	Mining in timbered stope, 1969	10
2505	People, n.d.	22
2506	Smelter, n.d.	9
2507	Ladies 10 year club, 1968-1975	35
2508	Mine 20 year club, 1968-1971	58
2509	Smelter 20 year club, 1969-1973	102
2510	Zinc plant 20 year club, 1969-1970	39
2511	Pend Oreille 20 year club, 1969-1970	39
2512	Seattle 21 year dinner, 1968	14
2513	Water treatment plant, n.d.	8
2514	Zinc plant, melting department, 1969	22

**K. MILL AND MINE NEGATIVES, 1889-1942**

2515	Mill: General, 1927-1941	63	
2516	Classifiers, 1928-1940	10	
2517	Concentration, 1921-1929	32	
2518	Crushing and conveying, 1927-1936	16	
2519	Flotation, c.1927-1936	11	
106	2520	Machinery, 1927-1942	38
2521	Sink and float, 1942	8	
2522	Mine: General, c.1930-1938	5	
2523	Hoisting, c.1925-1940	9	
2524	Pumping, 1923-1940	19	
2525	Stopping, 1924-1938	21	
2526	Tramming, c.1921-1935	18	
2527	Ventilation, n.d.	3	
2528	Yard dump, 1921-1939	33	
1529	Bunker Hill and Kellogg people, 1899-1937	32	
1530	Kellogg schools, 1893	1	
2531	Early Kellogg pictures, n.d.	1	
2532	Special events, 1917-1939	25	
2533	Negatives copied by Idaho State Historical Society, July 1970, 1917-1939	8	

**L. GLASS NEGATIVES, UNDATED**

107	2534	Unidentified house	1
	2535	Interior view of mine plant	1
	2536	Unidentified house with large garden in front	1
	2537	Horse drawn wagon with young girls waving state pennants	1
	2538	Exterior view of Bunker Hill plant	1
	2539	Exterior view of plant area	1
	2540	Family portrait: mother, father, 2 children	1
	2541	Family portrait: 3 adults - possibly the grandparents - 3 boys, one girl	1
	2542	Man talking to women wearing some type of uniform	1
	2543	Five people in clown costumes	1
	2544	Two portraits: older man and woman	1
	2545	Two portraits: older man and woman (slightly enlarged version of previous negative)	1
	2546	Young woman in a costume	1
	2547	Ball (Soccer or basketball)	1
	2548	Model of mine workings	1
	2549	Cast of a play	1
	2550	Three members of a play cast	1

2551	Possibly mine hoisting machinery	3
2552	Machine shop crew - Last Chance Mine	1
2553-2554	Interior view of unidentified area	2
2555	Interior view, possibly the smelter	1
2556	Interior view of what appears to be the warehouse	1
2557	Interior view of unidentified shop area	1
2558	Man with full beard	1
2559 a,b	Mine rescue crew (2 pieces of the same negative)	2
2560	Miners underground	1
2561	Funeral with men in Masonic regalia	1

**M. OTHER NEGATIVES, 1965-1978**

108	2562	Aerial view, Kellogg operations, copied in 1968	10
	2563	Mine tour, n.d.	4
	2564	35mm color negatives of the Bunker Hill plant, n.d.	20
	2565	35mm negatives, color and black & white, of exhibits, people and places (original identifications were very sketchy), c.1979	10
	2566	Bunker Hill related negatives, c.1965-1973	92

**N. SLIDES, 1885-1969**

	2567-2568	Smelter, 1950-1962	13
	2569	Concentrator, n.d.	4
109	2570-2571	Mine, 1885-1968	13
	2572	Miscellaneous, 1950-1969	2
	2573	Pacific Division, 1961	3

**O. PRINTS & PLATES, 1933-1969**

	2574	Trucks and graders, possibly at Cortez mine, ca.1969	1
	2575	Cortez Mine official opening, March 20, 1969	121
	2576	Gulf Resources executive pictures, n.d.	20
	2577	Printing plate for \$5.00 Bunker Hill Check, 1933	1

**XIV. Maps, 1887-1980**

110	2578	Bunker Hill maps showing building locations, 1966-1968	5
	2579	Bunker Hill fire maps, 1972-1976	5
	2580	Bunker Hill mine and mill properties, 1975	2
	2581	Crescent mine shaft progress, 1953-1954	1
	2582	Dawn/Iuka geology plan, 1985	1
	2583	Kellogg High School practice football field, 1964	1
	2584	S-31 2739. Bunker Hill underground, n.d.	6
	2585	Bunker Hill underground 9-27 levels, 1962	19
111		Unnumbered to E-29	34
112		E-31 to E-44	30
113		E-47 to E-72	30
114		S-4 to S-45	29
115		T-2 to T-52	46
116		*E-2 to *E-72	11
117-119		**E-3 to **E-72	21

**MAP LIST**

No. 1	No. 2	Description
		**Bunker Hill #6 east
		**Rack 96 tunnel, etc
		Bunker Hill #1 Shaft, composite map, n.d. (2 sheets)
		Bunker Hill & Kellogg fire hydrants and mains, 1921-1934 (3 sheets)
		Bunker Hill Co. mine and mill properties at and near Kellogg, 1962
		Bunker Hill Smelter properties, 1962
		Bunker Hill Zinc Reduction plant, 1962
		Maximum foreseeable loss by fire at Zinc plant, 1977 (2 sheets)
		Photobase aerial view map of Sunshine Mine area, 1976 (3 sheets)
		Smelter, Assessors plan, n.d.
		Zinc plant flow sheets, 1978 (3 sheets)
		Zinc reduction plant, 1974
D208		Sidney Mine longitudinal section, 1945 (2 sheets)
D208	2285	Sidney Mine, 1924 (8 sheets)
D210	2535	Silver King mill site survey, 1962 (2 sheets)
D450	2259	Bunker Hill Mine, Vertical longitudinal section, 1958
E02	0430	*Clarke's litigation map, 1909
E03	0447	**Porters claim map
E04	0428	**Bunker Hill general map, n.d.
E05	1055	**Last Chance - Rack Wardner Mine
E06	2660	Bunker Hill and Sullivan Mine plan, 1942 (3 sheets)
E06	2660	Bunker Hill Mine plan, 19--
E06	2660	Bunker Hill mine plan, 19--
E09	0431	**Litigation map
E10	0449	**Bunker Hill underground - Hite area
E11	0448	**Bunker Hill underground above 9 level
E12	0450	**Sullivan underground
E13	0443	**Bunker Hill west extension surface and underground
E14	0442	**Bunker Hill surface and underground, 1909
E15	0439	**Ontario mine
E15	2896	Ontario Mine progress maps, 1915 (14 sheets)
E15	2896	Ontario mine, progress maps, 1916 (12 sheets)
E16	0858	**Caledonia - Ontario
E17	2133	**Bunker Hill west extension below 9 level
E18	0451	**Bunker Hill underground below 9
E19	0445	*Bunker Hill underground longitudinal section above 9 level, n.d.
E20	0433	**Map for water system
E20	0686	Kellogg, water pipe map, n.d.
E20	2897	Diagram of pipes, tees, unions & valves in Bunker Hill Yard, 1920
E20	2899	Bunker Hill Water lines to East Portland Ave., n.d.
E20	2899	Kellogg water and power supply maps, 1926 (8 sheets)
E20	2899	Pipes, tees, unions & valves in BH yard & map of Kellogg hydrants, 1926
E22	2230	Detailed stope map, n.d.
E22	2320	Bunker Hill vertical longitudinal survey, 1967 (2 sheets)
E22	2330	Bunker Hill Mine vertical longitudinal sections, 1967-1975 (3 sheets)
E22	2330	Bunker Hill Progress map, 1958
E22	2330	Mine plan, bottom half, n.d.
E25	0446	*Bunker Hill underground longitudinal projection below 9 level, n.d.
E26	2662	Empire State-Idaho Mining & Development co., underground workings, n.d
E26	2663	Empire State-Idaho mine, stope maps, n.d. (14 sheets)
E26	2664	Empire State-Idaho mine workings plans, n.d. (11 sheets)
E27	1677	**Snowstorm Mine, Mullan
E29	2667	Bunker Hill-Sunshine coordinates, 1950
E29	2904	Silver Syndicate vein, 1958 (2 sheets)
E30	2195	*Bunker Hill underground, 23-27 levels, n.d.
E31	2317	Bunker Hill & Sullivan map of leases and property, 1952
E31	2326	Bunker Hill Kellogg area properties, 1976 property tax
E31	2326	Bunker Hill property site maps, n.d. (2 sheets)

E31	2326	Bunker Hill surface map, n.d.
E31	2326	City of Kellogg, Bunker Hill mine, smelter & zinc plant, 1955
E31	2326	Kellogg zoning map and property tax appeal, 1976 (3 sheets)
E36	0362	Reed tunnel, 1909 (2 sheets)
E36	2905	Mine workings, n.d.
E36	2906	Jersey - stope map, n.d. (10 items)
E36	2907	Unidentified. Geology plans, c1952 (6 sheets)
E36	2908	McConnel's stratographic struct maps, n.d.
E36	2909	Unidentified Mine, Mine workings, n.d. (4 sheets)
E36	2910	Coeur d'Alene National Forest (USGS map of Idaho & W. Montana, 1948
E36	2911	Bunker Hill surface maps, n.d. (6 sheets)
E37	2912	BH levels 8, 9, 18.5, 20.5, n.d. (4 sheets)
E41	0572	Ontario mine showing Stewart workings, n.d. (2 sheets)
E41	0581	Stewart vs. Ontario suit, 1917 (7 sheets)
E41	0705	Stewart vs. Ontario suit, Plaintiff exhibit, 1915 (10 sheets)
E41	0832	Ontario survey no. 755, n.d.
E41	0832	Section 2-2, n.d.
E41	0832	Section 3-3 looking Northeast, n.d.
E41	0832	Section X-X1 through Ontario line, n.d.
E41	0845	Stewart vs. Ontario, n.d.
E41	0848	Stewart 300 level, n.d.
E41	0848	Stewart Mine tunnel, n.d. (17 sheets)
E42		Pend Oreille Mine progress map, n.d.
E42	2194	*Bunker Hill underground, 15-23 levels, n.d.
E42	3014	Pend Oreille Mine stope maps, n.d. (4 sheets)
E42	3014	Pend Oreille Mine, Yellowhead area workings, n.d. (6 sheets)
E42	3014	Pend Oreille Mine, Yellowhead area, 1980 (5 items)
E44	2922	Crescent Mine drift progress, 1953-1954 (3 sheets)
E47		Ontario lode, n.d.
E47		Section 4-4 looking NE, n.d.
E47	0568	Stewart apex and property map, n.d.
E47	0577	Stewart mine, January 1913 (2 sheets)
E47	0589	Ontario Mine showing Stewart workings, Projection of vein fragments, nd
E47	0590	Ontario and Senator projected vein fragments, n.d.
E47	0591	Ontario Mine with Stewart workings, n.d.
E47	0594	Stewart Mine, map by Hershey, n.d.
E47	0727	Stewart alleged apex, n.d. (3 sheets)
E47	0727	Stewart Mng. Co. copy of original working map, Ont. v. St. case 1915
E47	0914	Stewart-Ontario, 1915
E47	2933	Ontario load stope map, n.d.
E47	2933	Ontario mine showing Stewart workings, Defendants exhibit, plan map, nd
E47	2933	Ontario Mine showing Stewart workings, n.d.
E47	2933	Ontario stope maps, n.d. (5 sheets)
E47	2933	Section 1-1 looking Northeast, n.d.
E47	2933	Section 2-2, n.d.
E47	2933	Stewart tunnel, Section 5-5 looking NE, n.d.
E49	2939	**Caledonia Mining Co. assays (2 sheets)
E49	2940	Section maps n.d. (6 items)
E56	0229	Tyler vs. Last Chance, location map, n.d.
E57		*Last Chance Mine, n.d.
E57		Sierra-Nevada and Palmer fraction, 1887
E58		**Resurvey of Ontario 50 foot level (9-17)
E60	2618	Bunker Hill Mine model sheets, n.d. (2 sheets)
E62	0435	*Plans, Reed and above, n.d.
E63	0432	**Geological plan of the March ore body, 1907
E69	0436	Bunker Hill X-sections, 1st Stewminder case, n.d.
E70	0851	*Bunker Hill underground work above 9, n.d.
E70	0853	**Tyler trespass cross section
E71	2935	Bunker Hill geology plans, 10-13 levels, n.d. (4 items)
E71	2935	Bunker Hill geology plans, 14-17 levels, n.d. (4 sheets)
E71	2935	Bunker Hill geology plans, 18-20 levels, n.d. (4 items)
E71	2935	Bunker Hill Geology plans, 20-22 levels, n.d. (4 sheets)
E71	2935	Bunker Hill geology plans, 23-27 level, n.d. (4 sheets)
E71	2935	Bunker Hill geology plans, 6-9 levels, n.d. (4 sheets)
E71	2935	Bunker Hill geology plans, Surface, 4 & 5 levels, n.d. (3 items)
E72	2267	**Prints of old 200 scale geology plans, surface-9 level and 19.5 level
E72	2267	*Bunker Hill level plans, n.d. (13 sheets)
E72	2267	Bunker Hill mine, 21-23 levels, n.d. (4 items)
S04	2230	Bunker Hill surface map, Last Chance area, 1969 (7 sheets)
S05	0270	Coeur d'Alene River valley, 1908
S07	2943	Properties along the Coeur d'Alene River, 1918 (3 sheets)
S07	2943	Federal M. & S map, public land subdivisions along Cda river, 1905 (2)
S07	2943	Property along Coeur d'Alene River, n.d. (3 sheets)
S07	2943	Property along Coeur d'Alene River, n.d. (6 sheets)
S07	2943	South Fork of Coeur d'Alene River, map of, n.d.
S10	3008	Bunker Hill Mine Sweeney area showing coordinates, 1974 (18 sheets)
S18	2587	Bunker Hill surface map/geochemical soil sampling Iuka Tunnel, 1979
S20	3022	Alicona tunnel, Eureka and adjacent drifts, n.d.
S22	2732	Bunker Hill Crescent, Yreka project, n.d.
S22	2732	Crescent Mine, Stewart & Yreka projects, n.d. (6 sheets)
S23		ASARCO East Page project 3070 level, 1966 (2 sheets)
S28	2735	Crescent shaft, 1968 (13 sheets)
S28	2736	Truck assembly and drawhead arrangement, 1968
S28	2737	Head sheaves for 21 Aux hoist, 1943
S29	2738	Roger-Brown/Rosco area, n.d. (4 sheets)
S29	2814	Cate fault low grade areas, 1952 (5 sheets)
S30	2641	Knoche Mine and Tunnels, Smeltonville, 1966 (3 sheets)
S30	2641	Knoche Mine, n.d. (6 sheets)
S312	2739	Steward project, n.d. (3 sheets)
S34	2740	Bunker Hill vernal veins reserve blocks, nd.
S35	2741	Crescent Mine, 1965 (6 sheets)
S36	2742	Bunker Hill Mine vertical longitudinal section, 1967 (2 sheets)
S37	2744	Sunshine Mine composite map, 1962
S39	2743	Idaho Leadville Mines, Shoshone County, 1966 (9 sheets)
S41	2746	Bunker Hill Crescent-Sunshine areas, 1967
S42	2747	Royal Mines, Terror Gulch, Shoshone Co., 1966, (7 sheets)
S45	2749	Bunker Hill-Shea area; Orr-Roger composite, 1957 (2 sheets)
T02	2699	Unidentified stope maps, n.d. (3 items)
T03	2700	Crescent Mine longitudinal section, 1939
T03	2764	Projection in plane of dull fault, 1941 (12 sheets)
T04	2701	Extra lateral sweeps, Cate fault, n.d. (3 sheets)
T06	2702	Crescent Mine surface maps, n.d. (3 sheets)
T07	2703	Aberdeen-Idaho, roads & surface trenches, contours, assays, 1948
T08	2704	Silver King Mine, Sanders Co., Montana, 1951
T09	2705	Yankee Girl vein, n.d.
T10	2706	Shea area, old composite, n.d.
T11	2707	Unidentified stope maps, n.d. (17 items)
T13	2708	Aberdeen-Idaho, Wilkins group, n.d. (2 items)
T14	2709	Bunker Hill Stewart Block and Caledonia Mine, n.d. (4 sheets)
T15	2710	Crescent Mine D.M.E.A. contract area, 1959 (4 sheets)
T15	2710	Crescent Mine, D.M.E.A. contract area, 1953 (3 sheets)
T17	2712	Maps of the Coeur d'Alene mining region, 1899 & 1909 (2 sheets)
T18	2713	Bunker Hill Sections, underground works, 1892
T18	2713	Coeur d'Alene Mining District (C. Merriam) n.d.
T19	2714	Sketch showing geologic structures projected to 23 Level, Dec. 1940, nd
T20	2715	Crescent maps, 1955 (3 sheets)

T21 2638 Sullivan & Douglas Mines. Composite claims and mine workings, 1950 (4)  
T22 2716 Stope maps, Stewinder?, n.d. (5 sheets)  
T23 2717 Crescent mine, n.d. (5 sheets)  
T24 2718 Bunker Hill motor zone composite, 1974 (3 sheets)  
T25 2720 Silver Bowl Mine, 1948 (7 sheets)  
T26 2721 Quill composit levels 9-15, 1981  
T26 3010 Shaft mucker & battleship, n.d (5 sheets)  
T28 2724 Coeur d'Alene Mining Dist., 1967 (2 sheets)  
T29 2995 Master layout of Bunker Hill surface plant, n.d. (2 sheets)  
T30 2726 Star Unit longitudinal section looking N 11 E, 1976  
T33 2728 Stanly-Newgard, longitudinal projection, 1972 (3 sheets)  
T34 2729 Bunker Hill, Sierra Nevada vein, 1976-1978 (6 sheets)  
T35 2675 Property map: Tamarack, Sherman, Hercules area, 1954  
T36 2679 Bullion Mining Co., St. Joe Dist, Idaho, 1920 (4 sheets)  
T37 2680 Pontiac Mining Company, n.d. (2 sheets)  
T37 2979 Golden Chest & Mother Lode properties, 1937  
T39 2792 Sketch showing Motor vein and Cate fault projected Jan. 1941  
T39 2689 PanAmerican Mine, Pioche, Nevada, 1976 (3 sheets)  
T40 2691 Bunker Hill surface map, n.d.  
T41 2723 Coeur d'Alene district geology, n.d.  
T42 2724 Coeur d'Alene mining district, n.d.  
T42 2725 Unidentified stope maps, n.d. (5 sheets)  
T45 3007 Lookout ski area, n.d. (5 sheets)  
T47 3015 Crescent Mine shaft sets, 1979 (4 sheets)  
T48 3018 Plans for guillotine type chute gate, 1977 (6 sheets)  
T50 3023 Crescent ventilation schematic, 1979 (5 sheets)  
T52 2587 Spokane Central Mine, 1968

[Top of Inventory](#) / [Bunker Hill Description](#) / [Series List](#)

[mg367i.htm](#) / February 1995

--	--

**Bunker Hill Company**  
Research and Development  
Special Collections 187  
University of Idaho



Manuscript Group 187

## BUNKER HILL COMPANY. RESEARCH AND DEVELOPMENT DIVISION

Records, 1922-1982  
8 cubic feet

The records of the Research and Development Division of the Bunker Hill Company were donated to the University of Idaho Library by the company between November 1986 and January 1987. They were processed by Judith Nielsen in February and March 1990.

### A BRIEF HISTORY OF THE BUNKER HILL COMPANY

The Bunker Hill Company was founded following the discovery of the Bunker Hill Mine in 1885; it was incorporated in 1887. It grew from a strictly mining enterprise to a large industrial complex capable of carrying out every step in the production process from removing ore from the ground to fabricating finished metal products. The company was an important supplier of the nation's requirements for lead, zinc, silver, and cadmium. The lead smelter had the capacity to produce 135,000 tons of refined lead per year, or 17% of the U.S. capacity, while the electrolytic zinc plant produced 104,000 tons, or 14% of the U.S. capacity. The company also produced over 9 million troy ounces of silver, over one million pounds of refined cadmium, and a variety of by-products including 1000 ounces of refined gold. In 1968 Bunker Hill merged with Gulf Resources.

### SCOPE AND CONTENT

The records of the Bunker Hill Research and Development Division span the years 1922 to 1982, with the bulk of the material covering the years 1945 to 1975.

The papers include brochures issued by the company, organizational manuals, reports on various research and development projects, papers dealing with Washington Water Power requests for rate increases, drawings of plant flow sheets, aerial views of the plant and smelter, and visitors registers.

Two other Bunker Hill groups in the University of Idaho Special Collections Library are MG 130 and MG 188, both of which deal with the mining aspects of the company and contain legal documents relating to mining claim litigations.

### ARRANGEMENT AND DESCRIPTION

Most of the papers in this record group were in labeled file folders or three ring notebooks, but were in no discernible order. Therefore, while folder and notebook headings were retained, a series order was imposed during processing. The folders in each series are in alphabetical order and the original order of the material is maintained throughout.

The first series contains material concerning the overall organization of the division, including budget manuals, policies manuals, supervisors manuals, and work rules.

The second series, or research files, is divided into two subseries, one is the material that was originally in file folders, the second is the material originally contained in notebooks. Most items in this series deal with the operation of the plant, and various experiments performed. There is a section on patent applications, and a list of patents held by the company.

The Washington Water Power rate increase requests are arranged by case number. Included are petitions and other legal documents, transcripts of testimonies, and occasionally legal documents from court cases resulting from the application.

The final series contains blueprints of the lead and zinc plants, aerial views of the zinc plant and smelter, a University of Idaho thesis, flow sheets, and two visitors registers.

Annual reports of the Bunker Hill Company, and the session papers of the American Mining Congress were removed from the collection and sent to the library's gift receiving office for possible cataloging into the library's main collection. Suppliers catalogs, annual reports from other companies, and duplicate materials were discarded. Material from notebooks was transferred to file folders. By these means the bulk of the records was reduced by 7 cubic feet.

### SERIES LIST

I.	Organization, 1966-1981	1
II.	Research Files, 1922-1982	1-6
	A. File Folders, 1922-1982	
	B. Notebooks, 1929-1981	
III.	Washington Water Power Cases, 1966-1982	6-8
IV.	Other Material, 1956-1980	8

## BUNKER HILL COMPANY INVENTORY

### I. Organization, 1966-1981

1	1	Brochures, 1968-1980	7
	2	Building and equipment manual, 1975	1
	3	Capital budget procedures, 1974-1981	15
	4	Capital expenditure manual, 1973	1
	5	Chart of accounts, 1976	1
	6	Keys, 1979	4
	7	Library filing index, 1966-1968	2
	8	Marketing division manual, 196-?	1
	9-10	Policies and procedures manual, 1979	1
	11	Quality Control Preventative Maintenance Program Plan, by John Benjamin, 1979	1
	12	Supervisor's manual, 1967	1
	13	Supervisor's handbook, 1973	1
	14	Supervisor's newsletter, 1980-1981	4
	15	Warehouse catalog, 1981	1
	16	Work rules, 1974	1

### II. Research Files, 1922-1982

#### A. FILE FOLDERS, 1922-1982

	17	American Journal of Mining: facsimile of first issue in 1886, 1941	1
	18	Assay ranges, 1970-1972	1
		Battelle Northwest	
	19	Air pollution, 1968-1970	12
	20	Bunker Hill research, 1965-1969	57
	21	Carbon Sorbates, 1968-1969	21
	22	Cl, F, and SB removal from solution of ZnO fume in acid, 1969-1970	36
	23	Development of a Fused Salt Catalytic Extraction Process for Removal of So2 from Flue Gas, 1970	2
	24	Monitoring equipment (Y-40539), 1968-1969	23
	25	Proprietary agreement, 1968	2
	26	Bunker Hill lead and zinc concentrates, 1981	7
	27	Bunker Hill medallion, 1981-1982	17
	28	Byproducts, 1978	7
	29	Cadmium, 1974-1975	10
	30	Cadmium - Gould contract, 1975	8
	31	Calcium-lead alloy, 1974-1981	7
	32	COD, 1975	4
	33	Colombia samples, 1980-1981	91
	34	COMINCO, 1981	1
	35	Concentrates, 1975-1976	4
	36	Copper, 1961	1
	37	Correspondence, submissions, 1978	1
	38	Determination of lead in ores, 1973-1982	4
	39	Exide Management and Technology Company, 1980	3
2	40	Gould MF-10 alloy, 1977-1980	38
	41	Henwood, Arthur B., 1903-1968	10
	42	ILZRO Program Review Committee, 1969	1
	43	International Precious Metals Institute, 1978-1980	8
	44	Investigation of Arkansas bauxite, 1948	1
	45-46	Lead, 1972-1978	24
	47	Lead-antimony alloy, 1978	1
	48	Literature search on process for removal of lead from zinc fume, 1975	1
	49	LME (London Metal Exchange), 1974-1980	32
	50	Material safety data sheets, 1971-1981	39
	51	Memos, 1976	2
	52	Miller, J.L., 1981	4
		Patent Applications	
	53	Ammonium chloride, 1929-1931	33
	54	Hydrometallurgical process for removing chlorides from chloride bearing zinc oxides, 1970-1971	9
	55	Precipitating arsenic from solution, 1968-1970	10
	56	Process for the hydrometallurgical treatment of argentiferous tetrahedrite minerals, 1971	9
	57	Recovering indium from leach solutions, 1967-1970	14
	58	Recovery of lead from waste storage batteries, 1976	5
	59	Recovery of metallic values from phosphorus electric furnace dust, 1968-1969	6
	60	Simultaneous leaching of zinc and manganese ores, 1956-1970	20
		Patents	
	61	Abstracts of, 1942-1964	25
	62	Bethune/Bunker Hill, 1960-1965	6
	63	Bunker Hill patents, 1969-1976	1
	64	Canadian patents	10
	65	Pleasant Valley Coal District, Utah, n.d.	3
	66	Prospective shippings, 1975	4
	67	Request for analysis, 1976-1978	4
	68	Research and development, 1978	28
	69	Research progress reports, 1977	44
	70	Review of chemical abstracts related to electrolytic zinc deposition, 1948-1963	1
	71	Sample preparation, 1967-1969	15
	72	Sample storage and preparation, 1967	6
	73	Sampling, 1969-1977	6
	74	Sampling and preparation, 1973	7
	75	Scrap, 1977-1978	4
	76	Silver, 1977-1979	4
	77	Skeen International Company, 1978	6

78	Smelter, 1978	1	
79	Sulfuric acid, 1972-1978	27	
80	Supervision, 1968-1977	21	
81	Volcanic ash, 1980-1981	6	
82	Weekly mercury analyses of sulfuric acid plants, 1972-1981	24	
83	X-Ray values, 1978	10	
84	Zinc, 1970-1978	37	
85	Zinc, samples of, 1922-1928	1	
86	Zinc alloys, 1977	1	
87	Zinc concentrate sampling, 1972	2	
88	Zinc dust - Pasco, 1967-1975	65	
89	Zinc oxide flue dust, 1974	5	
90	Zinc oxide fume to zinc plant, 1981	6	

**B. NOTEBOOKS, 1929-1981**

91	Aluminum and alumina, 1957-1959	11	
	American Society for Testing and Materials		
92	Committee B-2, Nonferrous Metals and Alloys, 1966-1981	14	
93	Committee B-2-02, 1977-1981	32	
94	Committee B-2-04, 1974-1980	15	
95	Committee B-2-05, 1977-1980	10	
96	Committee B-6, Die Cast Metals and Alloys, 1973-1981	22	
97	Committee B-6-02, 1967-1976	12	
98	Committee E-2-06, Development of Lead Standards, 1976	3	
99	Committee E-3-05.09, Silver, 1977	5	
100-101	Committee E-16, Taskforce on Lead and Zinc, 1969-1976	130	
3	102 American Zinc Institute Symposium on Plating of Zinc Die Castings, 1959	1	
	103 Antimonial and arsenical lead production, 1946-1960	40	
	104 Antimony and its Smelting, by Walter Wendt, 1951	1	
	105 Arsenic control program, 1954-1959	28	
	106 Arsenic purification Burt solution, 1941	1	
	107 Baghouse, 1954-1962	53	
	108 Barium chemicals, 1957	40	
	109 Battelle Memorial Institute, 1954-1964	45	
	110 Budget, 1953-1961	26	
	111 Bunker Hill-Bailey Meter Density Recorder and Controller, by Alvin F. Kroll, 1964	1	
	112-113 Bunker Hill zinc plant expansion and cell room mechanization study, 1973	2	
	114 By-Products, 1976-1977	1	
	115 Cadmium plant, letters, experiments, etc., 1947-1965	33	
	116 Casting, 1954-1961	23	
	117 Charge preparation and pelletizing plant, 1949-1963	59	
	118 Cobalt information, 1956-1957	2	
	119 Combustion burners, 1950-1955	10	
	120 Comparison and weighted averages on zinc concentrates and cadmium sponge purchased, 1957-1964	1	
	121 Computers, 1968-1970	5	
	122 Continuous softening, 1950	6	
	123 Copper dross smelting, 1955-1963	18	
	124 Copper matte and speiss, 1953-1963	42	
	125 Cost distribution and economics, 1953-1954	47	
4	126 Cost statements, analytical lab, 1967	1	
	127 Cost Statements, combined lab, 1967-1981	1	
	128 Cost Statements, Coeur d'Alene lab, 1972-1981	1	
	129 Cottrell, 1956-1960	7	
	130 Dechloridizing-Defluorodizing zinc fume, 1950-1962	5	
	131 De-Golding, de-Silverizing, 1962	1	
	132 Diversification, 1956-1959	28	
	133 Drossing, 1955-1964	17	
	134 Dry ore plant, Sb ore reports, 1940-1942	38	
	135 Economics - smelting margins, 1957-1959	19	
	136-137 Electric furnace, 1950-1964	116	
	138-139 Environmental health, 1970-1977	63	
	140 Environmental health - lead, 1978-1980	7	
	141 Environmental Sciences Associates, blood lead, 1973-1979	22	
	142 Environmental Sciences Associates, lead testing, 1977-1979	25	
	143 Experimental laboratory notebook, 1930-1936	1	
	144 Foundry alloys, 1980	8	
	145-146 Fuming plant, 1943-1963	120	
	147 Hard lead run costs, 1954	2	
	148 Indirect cost and general expense, 1953-1958	3	
	149 Laboratory notebook, n.d.	1	
	150 Laboratory notebook, 1971	1	
	151-153 Lead hygiene, 1972-1979	61	
5	154-155 Lead refinery, 1931-1960	90	
	156 Lead uses, 1953-1959	62	
	157 Material flow and balances, 1950-1959	18	
	158-159 Material specifications and analysis, 1975-1981	1	
	160 Mining and metallurgical qualifications for engineering and construction. Wellman-Power Gas, Inc., 1972	2	
	161 Miscellaneous, 1954-1962	77	
	162 New Cottrell, 1954-1957	34	
	163 Optical emission quantometer fortran programs, 1979	1	
	164 Optical emission specification limits, 1971	1	
	165-166 Ore purchases, 1952-1963	334	
	167 Ore receiving and handling, 1953-1961	9	
	168 Ore settlements, cost distribution, 1947-1952	4	
	169 Ore stock and smelting rate, 1954-1955	10	
	170 Other plants, 1955-1959	22	
	171 Other plants - visits, 1952-1961	24	
	172 Outside work, 1953-1959	43	
	173 Overtime and absences, 1980-1981	1	
	174 Patent: Beasley combustion igniter, 1929-1931	190	
	175 Product certification, 1979-1981	12	
	176 Proposed sintering plant, 1954-1960	11	

177	Research and development procedures notebook, n.d.	1
178	Retreatment of cobalt residue, n.d.	1
179	Retreatment of zinc plant residue, 1930-1936	4
180	Sales, 1954-1959	61
181	Sherrit Gordon Mines, Ltd., 1966-1967	7
182	Silver manuscript by Donald B. Macurda, 1964?	4
183	Silver refinery, 1942-1963	55
184	Sinter plant and Cottrell, 1953-1963	30
185	Sintering, 1951-1959	12
6	186-187 Slag fuming plant, 1942-1943	6
	188-190 Slag fuming plant, operating data, 1953-1965	1
	191 SO <sub>2</sub> in Peabody effluent, L. Hoffman notes, 1972-1978	9
	192 Super pure antimony, 1957-1964	89
	193 Unidentified scientific notes, 1941-1942	3
	194 Vacuum dezincing, 1954-1960	13
	195 Wheelabrator baghouse, 1953-1962	53
	196 Zinc alloy manual, 1970	1
	197 Zinc oxide beneficiation, 1956-1965	50
	198-199 Zinc plant melting furnace, 1956	60
	200 Zinc plant research work, 1956-1962	31

### III. Washington Water Power Cases, 1966-1982

7	201-203 WWP standard prepared testimonies and exhibits for rate cases, 1981	2
	204 Case P-300-16. Consideration of essential needs rates, 1980-1981	6
	205 Case P-300-18/U-1008-144. Consideration of certain ratemaking standards, 1981	4
	206 Case U-1006-159. Application of Idaho Power Company for authority to increase rates and charges, 1981	2
	Application of the Washington Water Power Company for an Order Approving Revised Rates and Charges for Ele	
	207 Case U-1008-86. Reporter's transcript. 1974	1
	208 Case U-1008-93/94, 1975-1981	19
	209 Case U-1008-109. WWP surcharge, 1978	1
	210-212 Case U-1008-101/102, 1966-1967	7
	213 Case U-1008-112, 1977-1980	20
	214 Case U-1008-117. WWP vs. Bunker Hill, 1977-1978	17
	215-216 Case U-1008-133/134. Testimony, 1979	3
	217 U-1008-144/145. Rebuttal testimony, 1980	2
8	218-219 Case U-1008-147. Legal documents and testimony, 1980-1981	35
	220 Case U-1008-154/155, 1981	2
	221-222 Case U-1008-155/156, 1980-1981	48
	223 Case U-1008-161, 1981	3
	224 Related material, 1981-1982	21
	225 Related material - Bonneville Power Co., 1981	2
	226 Idaho Public Utilities file of J.E. McKay, vice president for Technical Services, 1973-1975	60
	227 Idaho Public Utilities Commission. Summary of utilities activities, 1980-1981	8

### IV. Other Material, 1956-1980

228	Blueprints of lead and zinc plants, 1966-1976	11
229	Aerial views of zinc plant and smelter, 1977	2
230	Publications about Bunker Hill and the Coeur d'Alene mining area, 1956-1980	5
231	Thesis: <u>Decopperizing Lead with Arsenic and Sulphur</u> , by Denton Mark Tucker, University of Idaho, 1962	1
232	The Gold Ingot Mark Book, n.d.	1
233	Metals recovery facility flow sheet, 1967	2
234	Copper gross flue dust recovery flow sheet, 1967	1
235	Metals recovery plant general arrangement, 1967	2
236	Unidentified drawing, n.d.	1
237-238	Visitors registers, 1969-1970	2

November 1995 / mg187.htm



**Bunker Hill and Sullivan  
Mining Company**

Special Collections 130

University of Idaho



Manuscript Group 130

## BUNKER HILL AND SULLIVAN MINING COMPANY

Records, 1894-1937  
5 c.f.

These records were donated to the University of Idaho Library by the Bunker Hill and Sullivan Mining Company in 1983. They were processed by Judith Nielsen in August 1985.

### SCOPE AND CONTENT

The records of the Bunker Hill and Sullivan Mining Company span the years 1894 to 1937, with the bulk of the material covering the years 1906 to 1930.

The material includes correspondence dealing with the management of some of the smaller mines, especially those in southern Idaho, mine leases for mines in the Coeur d'Alene mining area, printed legal briefs, typescripts of affidavits and testimony in legal cases, and maps of the Star-Morning group of mines. There is also a 1923 Bachelor of Science thesis dealing with operations at the Bunker Hill plant in Kellogg and a bound volume containing copies of letters and reports of engineers regarding the physical conditions at the mine which affect litigation.

### ARRANGEMENT AND DESCRIPTION

The material in this manuscript group is separated by record type. The correspondence is divided into two subseries, Stanly Easton-Jonathan Bourne, and that of James Gwinn. The Easton-Bourne correspondence deals with the conditions at the Ontario and Senator Stewart mines in Shoshone County which were owned by Bourne and managed by Easton. This correspondence is in chronological order.

James Gwinn was managing the Bunker Hill mines in southern Idaho and his correspondence concerns operations at these mines, especially the Mayflower-Bullion and the Hall-Interstate. These letters are separated by correspondent, then arranged chronologically. His correspondents are Stanly Easton, manager of the Bunker Hill & Sullivan company in Kellogg, Oscar Hershey, a consulting engineer in San Francisco, Francis Thomson, Dean of the University of Idaho School of Mines (these letters concern jobs for students), Fred Van Meter, assistant secretary of Bunker Hill with offices in San Francisco, and W.A. Wilson, a mining engineer in Salt Lake City.

There follows an alphabetical file of Gwinn's correspondence with businesses and four folders containing correspondence, blueprints, and orders for the Deadwood Power Project at the Hall-Interstate Mine near Cascade, Idaho.

The mining leases are in alphabetical order by leasee. Most of the leases were from Bunker Hill, but a few are from Sierra Nevada Consolidated and Caledonia.

The litigation series contains printed briefs and transcripts of records of cases involving the company. There are also some typescripts of affidavits and testimony. These documents are arranged by case.

Most of the maps had file and item numbers written on them, and since the number F-13 appeared on all maps the unique four digit number was used to arrange them in numerical order. The four items without numbers were added at the end.

### SERIES LIST

#### I. CORRESPONDENCE, 1906-1930 1

A. Stanly Easton-Jonathon Bourne, Jr., 1906-1907

B. James W. Gwinn, 1920-1930

II. THESIS, 1923 1

III. MINE LEASES, 1927-1937 2

IV. LITIGATION, 1894-1917 3-7

A. Empire State-Idaho Mining and Developing Co., 1899-1905

B. Elmer Doty vs. Bunker Hill & Sullivan, 1910

C. Stewart Mining Company, 1912-1914

D. Other Cases, 1894-1917

V. MAPS, 1910-1936 O.S.

### INVENTORY

## BUNKER HILL & SULLIVAN MINING COMPANY

Box	Folder	Description	Items
-----	--------	-------------	-------

#### I. Correspondence, 1906-1930

##### A. STANLY EASTON-JONATHAN BOURNE, JR., 1906-1907

1	1-3	1906	193
	4	1907	60

##### B. JAMES W. GWINN, 1920-1930

5-18	With Stanly Easton, 1921-1930	903	
19-20	With Oscar H. Hershey, 1920-1924		111
21	With Francis A. Thomson, 1922-1928		34
22-23	With Fred W. Van Meter, 1924-1930		87
24	With W.A. Wilson, 1921-1927	51	
25-27	Business Correspondence, A-Z, 1920-1930	285	
28-31	Deadwood Power Plant Project, 1928-1929	314	

#### II. Thesis

32	Wiles, Gloyd M. and Elton D. Rooney. "Report on mining, milling and smelting operations of the Bunker Hill & Sullivan Mining and Concentrator."		
----	---	--	--

#### III. Mine Leases, 1927-1937

2	33	Leases, A-Z, 1927-1934	303	
	34	Summary of Leasers Operations, 1934-1937		4

**IV. Litigation, 1894-1917****A. EMPIRE STATE-IDAHO MINING AND DEVELOPING CO., 1899-1905**

3	35	Kennedy J. Hanley, 1904	1
	36-37	Bunker Hill Extra Lateral, n.d.	2
	38-41	King Mine, 1900-1902	4
	42-54	Stremwinder, 1899-1904	13
4	55	Second Stremwinder, 1905	1

**B. ELMER DOTY VS. BUNKER HILL & SULLIVAN 1910**

5	56	Transcript of testimony, 1910	1
---	----	-------------------------------	---

**C. STEWART MINING COMPANY, 1912-1914**

6	57-62	Stewart vs. Ontario, Briefs, 1912-1914	6
	63	Stewart vs. Ontario, Affidavits, Maps, etc., 1912-1914	46
	64-68	Stewart vs. Jonathan Bourne, Jr., et al., Briefs, 1914	5
	69	Stewart vs. Jonathan Bourne, Jr., et al., Correspondence, decisions, etc.	21

**D. OTHER CASES, 1894-1917**

7	70-73	Shoshone Mining Co. (Kirby Fraction) 1897-1899	4
	74	Bunker Hill & Sullivan vs. Charles Jones, n.d.	1
	75-79	Tyler Mining Company, 1894-1899	5
	80	Bunker Hill & Sullivan vs. James Stafford, 1903?	1
	81	Alma Katz vs. C.E. Herrick, 1906	1
	82	Star vs. Federal, Exhibits, 1917	1
	83	Digest of engineers opinions regarding physical conditions affecting litigation at Bunker Hill and Sullivan Mine, 1907-1912	1

**V. Maps, 1910-1936**

o.s.	84	1006. Claim map: Mountain View & Senator south to South Fork and Gold Creek, n.d.	1
	85	1007. Sample assay map, 1916	2
	86	1200. Plan of Star Levels, n.d.	1
	87	1207. Claim map from Alice Group and Mineral Farm to Tiger Poorman, 1917	1
	88	1208. Vertical-longitudinal section thru Star & Morning Lode, 1920	2
	89	1432. Portion of Galena Lode existing prior to July 13, 1923; Portion of Galena Lode to be obtained by Hecla Mining, 1923	4
	90	1436. Survey No. 3055, Tom Boy Group, National Lead Mining Company, Hunter Mining District, 1924	1
	91	1459. Stope map of Star & Morning Mines with Star Ore reserves and proposed development, 1924	1
	92	1486. Star drift from the 2000 level of the Hecla Mine at Burke showing results of sampling, 1925	1
	93	1507. Survey No. 3055, Tom Boy Group, National Lead Mining Co. Blueprint of 1436 with corrections, 1924	1
	94	1527. Claim map copied from patent data for area including and to the north of Morning Star, Evening Star claims, n.d.	1
	95	1589. Stope map of lower portion of Star Mine showing commercial areas, 1930	1
	96	1617. Star Mine upper workings, n.d.	5
o.s.	97	1620. Geology of portion of Star 3300, 1932	1
	98	1800. Claim map showing Morning tunnels, n.d.	1
	99	1801. Claim and workings map for Star Mining Co. vs. Federal Mining & Smelting, n.d.	4
	100	1802. Star and Morning Mines, Composite Plan of workings, 1917	1
	101	1805. Graphic representation showing irregularity in grade and width of samples, 1850 level and part of 1650 level, Star Mine, n.d.	1
	102	1806. Star \$200 level sample and assay map, 1936	3
	103	1807. Record of samplings of western portion of Grouse Tunnel, n.d.	1
	104	1808. Stope map showing ore removed, ore developed, and probable ore in the Hecla Mine, 1921	1
	105	1811. Blueprint of mine workings, Morning Mine, south vein above No. 6, 1910	1
	106	Beaver Claim, n.d.	1
	107	Assay map showing results of check sampling by J.W. Gwinn of a part of the Star Tunnel, 1920	1
	108	Sunset District Showing underground workings and geology, with assay values, 1927	1
	109	Star Mine lower level maps, n.d.	7
		Longitudinal cross section (2), Composite map of workings (2), Assay map (1)	

November 1995 / mg130.htm

