Yuba Consolidated Industries Records MSS.322

Finding aid prepared by Leilani Silver, Pamela Nett Kruger
Processing of this collection was funded by the Andrew W. Mellon Foundation, and administered by the Council on Library and Information Resources (CLIR), Cataloging Hidden Special Collections and Archives program.
California State University, Chico, Special Collections, Meriam Library
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5/5/2011
Title: Yuba Consolidated Industries Records
Identifier/Call Number: MSS.322
Contributing Institution: California State University, Chico, Special Collections, Meriam Library
Language of Material: English
Physical Description: 16.0 Linear feet43 Boxes and 1 Oversize Folder
Date (inclusive): 1912-1956
Abstract: This collection includes photographs, photo albums, negatives, and blueprints pertaining to the operations of Wendall P. Hammon, Yuba Construction Company and Yuba Consolidated Gold Fields. Photographs, albums, negatives and blueprints relate to the dredging, manufacturing, and mining activities of the Hammon enterprises.

Language of Materials note: English
Alternate Form of Material: No other forms of material.
creator: Hammon, Wendell P., 1854-1939
creator: Yuba Consolidated Industries. Yuba Mining Division.

Arrangement note
The collection is arranged into two series
Series 1: Photographs Series 2: Blueprints
Photographs and negatives are arranged according to dredger number, location, and operations. All negatives are nitrate based and for staff use only. Scanned copies are available.
In order to better serve the researcher, blueprints have been arranged by dredger number, blueprint manufacturers, dredger company name, or a type of dredger part. Yuba Consolidated Industries originally organized the blueprints by dredger part, such as ladders, tumblers, or buckets.

*Please note: Many of the dredgers have been rebuilt and/or relocated, so they may have more than one number or name associated with them.

Biographical/Historical note
Gold dredging in California began in 1850 when a small river boat was fitted out as a dredge and gravel mining was attempted above Marysville, California on the Yuba River. The first successful gold dredge in California was built in 1898 by Biggs, Butte County resident Wendell P. Hammon, the "Dredger King," and his partner, Thomas Couch, a Montana mining businessman. This first model and those that followed consisted of a floating hull, a digging ladder, an endless chain of buckets, screening apparatus, gold-saving devices, pumps, and a stacker. The California dredge was developed from models used earlier in New Zealand and in Montana, proving to be much more efficient than earlier one-bucket attempts.
Hammon was instrumental in founding the Yuba Construction Company in 1906, by purchasing the Western Engineering Company and merging it with his own steel from a casting foundry in Marysville. Four large machine shops were built near Oroville to maintain and build the dredgers. Hammon founded the Yuba Consolidated Gold Fields on the Yuba River in 1904. This company became a large, profitable placer operation, a proving ground for new dredge designs and a training ground for dredge operators and others in this global industry. As many as 50 dredgers worked in the Feather River/Yuba River drainage at one time.
The Yuba Construction Company changed its name to the Yuba Manufacturing Company and later became a subsidiary of the Yuba Consolidated Gold Fields. In 1957 these companies merged into Yuba Consolidated Industries. The Yuba Consolidated Gold Fields was later incorporated into the Western Water Company. Yuba dredges have been built and shipped from California to worldwide markets during the first half of the 20th century. These "gold boats" were shipped in pieces and assembled where the mining would take place.

Access Restrictions
Collection is open for research without restriction.

Usage Restrictions
No restrictions.

Preferred Citation note
Yuba Consolidated Industries Records, MSS 322, Special Collections, Meriam Library, California State University, Chico.

Related Archival Materials note
A preliminary report on Scott Bar and Quartz Hill mining properties: Siskiyou County, California / For W. P. Hammon, San Francisco Gassaway, A. D. MSS 043, Special Collections, Meriam Library, California State University, Chico.
Abstract of title to that certain real property, known as "Nickerson Orchard" Butte County Title Abstract Company 1914, MSS 063 Special Collections, Meriam Library, California State University, Chico.

Report on Bald Mountain Consolidated Gold Mining Company placer mines and Plumas Development Company placer mines. Gassaway, A. D., MSS 089 Special Collections, Meriam Library, California State University, Chico.

Yuba Manufacturing Company Records 1898-1958, MSS 157, Special Collections, Meriam Library, California State University, Chico.

Yuba River Diversion Project for Yuba Consolidated Gold Fields Report, MSS 197, Special Collections, Meriam Library, California State University, Chico.

W. P. Hammon Prospecting Log Books, MSS 305, Special Collections, Meriam Library, California State University, Chico.


Yuba River Diversion Project for Yuba Consolidated Gold Fields Report, MSS 197, Special Collections, Meriam Library, California State University, Chico.

Yuba Consolidated Gold Fields Records, MSS 315, Special Collections, Meriam Library, California State University, Chico.

Scope and Contents note
This collection includes photographs, photo albums, negatives, and blueprints pertaining to the operations of Wendall P. Hammon, and his various companies, including Yuba Construction Company and Yuba Consolidated Industries. Photographs, albums, negatives, and blueprints relate to the dredging, manufacturing, and mining activities of the Hammon enterprises. The blueprints contain specifications for various dredger sizes and types of dredgers, including 3, 3 ½, 4, 5, 6, 10, 11, and 12 cu. ft., as well as gold, tin, and close connection dredgers. The photographs and albums feature various dredger operations, manufacture, parts, and equipment. Some photographs depict foreign dredger and mining operations. Dredgers were operated in many locations both domestic and abroad. Domestic locations include Northern California, Alaska, Colorado, Utah, Wyoming, and Florida. The locations of foreign operations included the Philippines, Bolivia, China, Russia, Germany, Dutch Guiana, Guatemala, Malaysia, Brazil, and South Korea.


Processing Information note
Processing of the Yuba Consolidated Industries Records was generously funded by the Andrew W. Mellon Foundation, and administered by the Council on Library and Information Resources (CLIR). The [ABC repository] was awarded a Cataloging Hidden Special Collections and Archives grant from 2010-2012, "Uncovering California's Environmental Collections," in collaboration with eight additional special collections and archival repositories throughout the state and the California Digital Library (CDL). Grant objectives included processing of over 33 hidden collections related to the state's environment and environmental history. The collections document an array of important sub-topics such as irrigation, mining, forestry, agriculture, industry, land use, activism, and research. Together they form a multifaceted picture of the natural world and the way it was probed, altered, exploited and protected in California over the twentieth century. Finding aids are made available through the Online Archive of California (OAC).

Immediate Source of Acquisition note
Source unknown.

Publication Rights
The library can only claim physical ownership of the collection. Users are responsible for satisfying any claimants of literary property.

Subjects and Indexing Terms
Hammon Engineering Company.
Yuba Consolidated Gold Fields.
Yuba Consolidated Industries. Yuba Mining Division.
Yuba Construction Company.
Yuba Manufacturing Company, San Francisco.
Yuba River Diversion Project.
Dredges.
Gold dredging
Gold dredging -- California -- History.
Gold mines and mining -- California -- History.
Uncovering California's Environmental Collections Project

Box 1  Photographs, Dredger Operations
Physical Description: 9.0 folders

Folder 1: Various Photos (12 photographs) including J.F. Newsome, Encina Hall Stanford University 5/18/1906, Olin Tool and Dye Open House (1 photograph: Ted Cooper, CMR, Jim Lames, Jim Sweet, and E.Q. Parker) Various Manufacturing (possibly Maricopa, CA.) and Mr. W.B. Maculey compliments of G.H. Thurman, (unidentified men at Coffee Creek, 6/8/1922)
Folder 2: Various Yuba Dredger Operations (11 photographs) including Yuba Biggs #4 Chico, Yuba #17, Capital #1-Dredge #72 3/25/1960 (later built as Biggs #3), Dredges "Roosevelt" and "Stuyvesant", Tisco 10 cu ft. buckets (orders 231212 & 228293 for Bucyrus Erie Company) and Bucyrus Dredge for Continental Gold Dredging Company in 1899 (later operated by Oroville Dredging Company Ltd.)
Folder 3: Various Dredger Operations, including Yuba #2, Yuba #5, Yuba #14, Marigold #5, Dredge #19, and Dredge No. 17. 1914-1940
Physical Description: (27 photographs)

Folder 4: Various Dredger Operations (12 photographs) including Yuba Dredge #112 in Montana, Porter Company 1936, Yuba Dredge #150 in Alaska, 1936, Yuba Dredge #136 in Oregon, 1936, and Perry Scheder Dredge.
Folder 5: Dredger Operations, (10 photographs) including Tuolumne Gold Dredging Company, Yuba No. 149, #114 Patmon, 1940-41, and Thurman Gold Dredging Company, Dredge #149, 1940
Folder 6: Various Dredger Operations, Photostat Prints (49 Prints)
Folder 7: Various Dredger Operations, Photostat Prints (78 Prints)
Folder 8: Dredge Construction and Operations in the field (57 photographs)
Folder 9: Dredge Construction and Operations in the field (50 photographs)

Box 2  Photographs, Dredging Parts and Machine Shop Operations
Physical Description: 12.0 folders

Folder 1: Benicia Plant, Yuba Manufacturing Company (loading products on ship) 1949-1956
Physical Description: (29 photographs)

Folder 2: Sierra Movall, St. Laurence Seaway (18 photographs)
Folder 3: Benicia Plant, Yuba Manufacturing Company, 1930-1938
Physical Description: (12 photographs)

Folder 4: Yuba Manufacturing Company Dredger Parts and Products in Machine Shop, including Dredge Hull for Portuguese American Tin Company (15 photographs)
Folder 5: Ingerson Dredger Parts Manufacturing (went to Philippine Islands) (6 photographs)
Folder 6: Star Drill (7 photographs)
Folder 7: Yuba Manufacturing Company Dredger Parts and Products in Machine Shop Operations and Machine Shop, Dredger Parts from Brochure “Yuba-Placer Mining Dredges” (26 photographs)
Folder 8: Promotional Photographs of Yuba Consolidated Industries Inc., Manufacturing Division, and papers “Proprietary products” and “What We Have Done” which explain the photos as an illustration of the wide scope of past jobs reflecting the versatility of the Benicia Division. (15 photographs and 2 papers)
Folder 9: Yuba Manufacturing Company, Dredge Bucket photos and orders (11 photographs) including Pacific Tin Consolidated Corporation, Russian Dredges, Nechi Dredge, Pato No. 2, Placer Management Ltd. Dredges 3 & 4, Dredge Kampong Toh (Kukar), and Ranka Tin Mines.
Folder 10: Yuba made Movalls in Utah and Wyoming (7 photographs)
Folder 11: Yuba Manufacturing Company, Dredger Parts and Products in Machine Shop (34 photographs) including Boston Machine Shop, Dredge #159, Dredge #130 for Yukon Pacific Mining Company, Dredge #131 for Placer Development Ltd., Dredge #94, and Upper Tumblers for Mining Equipment Corporation 1914, 1934, 1950
Folder 12: Western Engineering and Construction Company, Hull Construction, Indiana #3, Port Tables, Port Winches, Screens, 1908 (5 photographs)

Box 3
Photo Albums, Dredging Operations
Physical Description: 6.0 folders
Folder 2: Photo Album, (37 pages) Book #27, Yuba Dredger Pumps.
Folder 3: Photo Album, (21 pages) Dredges, Machine Shop, and Construction (dredges in operation, ships, buckets, parts, transport) including Fairbanks Alaska, Coffee Creek (1922), Eastbrook Dredge-Trinity, Center, California (1925), Thurman Dredge (June 1925), Yuba No. 13 (1911), Top Tumbler for Kirrly Creek Gold Dredging Company (June 1911), and Natomas #10 (1912-1915).
Folder 4: Photo Album, (22 pages) Dredges, Machine Shop, and Construction (dredges in operation, ships, buckets, parts, transport)
Folder 5: Photo Album, (11 pages) Various Dredger Parts and Operations.
Folder 6: Photo Album, (11 pages) Various Dredger Operations.

Box 4
Photographs, Yuba Dredger Operations
Physical Description: 7.0 folders
Folder 1: Yuba #14, August 1913 (6 photographs)
Folder 2: Yuba #14, September 1913 (16 photographs)
Folder 3: Yuba #14, October 1913 (10 photographs)
Folder 4: Yuba #14, November 1913 (25 photographs)
Folder 5: Yuba #14, December 1913 (13 photographs)
Folder 6: Yuba #16, 1916 (39 photographs)
Folder 7: Yuba #16, 1917 (23 photographs)

Box 5
Photographs, Dredging Operations
Physical Description: 10.0 folders
Folder 1: Various Dredgers Operations (33 photographs) including Lancha Plana #3, Thurman Gold Dredging Company Dredge #149, Cripple Creek USSR #143, and Fairbanks #133.
<table>
<thead>
<tr>
<th>Box 6</th>
<th>Photographs, Foreign Dredging and Mining Operations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Physical Description: 10.0 folders</td>
</tr>
<tr>
<td></td>
<td>Folder 1: Mining Operations, Jalore, Malaeca, and Malay 1920 (41 photographs)</td>
</tr>
<tr>
<td></td>
<td>Folder 2: Mining Operations, Selangor 1920 (61 photographs)</td>
</tr>
<tr>
<td></td>
<td>Folder 3: Operations Abroad Hidelberg Germany, Belgium, Dredge “Queen of Holland”, Amsterdam, Korea, “Port Sunlight” Dredge London, Greece, France, Fano Africa, Malay, New Zealand, Indonesia dredge Sumatra, Malalaya #76 Kampan Dredge, Vinta valley, Perak Pacific Tin Consolidated Corp. Dredge No. 6 (23 photographs)</td>
</tr>
<tr>
<td></td>
<td>Folder 4: Mining Operations, Malay (26 photographs)</td>
</tr>
<tr>
<td></td>
<td>Folder 5: Foreign Mining Operations, including photographs from other various Malaysia industries and productions, such as road building, tapioca, oil press, ferries, occurrence of tin, elephants and kerbau, jungle bridge, boats, prospecting, temples, houses, resthouse/schoolhouse. (78 photographs)</td>
</tr>
<tr>
<td></td>
<td>Folder 6: Foreign Mining Operations, including photographs from other various Malaysia industries and productions, such as oxcarts, autos, trees/environment, rice, sawmill, religious celebrations, local people, jungle, climate, contracts, schist, limestone, granite, and volcanic phenomena. (76 photographs)</td>
</tr>
<tr>
<td></td>
<td>Folder 7: Supia, Columbia Dredging Operations (68 photographs) including Yuba Dredge #117 1954, (Pato #3 &amp; #5) Pato Consolidated Gold Dredge Ltd., Dredge No. 3 and Supia Gold Dredging Company, 9/16/46 (Boulders removed by Yuba Dredge #144 and Bucket Train)</td>
</tr>
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<td>Folder 8: Mining Operations, Malay (possibly mining tin) (includes photos of rock grading (34 photographs)</td>
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<td></td>
<td>Folder 9: Dredger Operations, Philippine Islands 1913 (74 photographs) including Malaquit River, Ingersoll Dredge, Risdon Dredge on Malaquit River, Paracale Dredge, and Malquit Dredge.</td>
</tr>
<tr>
<td></td>
<td>Folder 10: Ponderosa Mine, Chile, 1909 (9 photographs)</td>
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</table>

<table>
<thead>
<tr>
<th>Box 7</th>
<th>Photographs, Yuba Dredgers and Others (All corresponding negatives are in Box 8)</th>
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<tbody>
<tr>
<td></td>
<td>Physical Description: 11.0 folders</td>
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<tr>
<td></td>
<td>Folder 1: Yuba Dredger Operations, possibly #3 or #14 (36 photographs)</td>
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<tr>
<td></td>
<td>Folder 2: Yuba Dredger Operations, possibly #3 or #14 (13 photographs)</td>
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<tr>
<td></td>
<td>Folder 3: Yuba #14, 8/1913-12/1913 (30 photographs)</td>
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<td>Folder 4: Yuba #4, 1914 (25 photographs)</td>
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<td>Folder 5: Yuba #3, 1914 (46 photographs)</td>
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<tr>
<td></td>
<td>Folder 6: Yuba #15, 1916 (46 photographs)</td>
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<tr>
<td></td>
<td>Folder 7: Yuba #16, 1916 (31 photographs)</td>
</tr>
<tr>
<td></td>
<td>Folder 8: Yuba #16, 1917 (49 photographs)</td>
</tr>
<tr>
<td></td>
<td>Folder 9: Dredger Operations (17 photographs, A-Q)</td>
</tr>
<tr>
<td></td>
<td>Folder 11: Dredger Operations (possibly Alaska) 1912 (39 photographs)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Box 8</th>
<th>Nitrate Negatives, Various Dredger Operations (511 negatives-Corresponding photos in Box 7)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>001-012: Various Dredger Operations (12 negatives)</td>
</tr>
</tbody>
</table>
013-080: Yuba Dredgers (possibly #3 or #14)
081-111: Yuba #14 (99 negatives, 109B-200B)
112-113: Yuba #4 (2 negatives, 303 A & B)
114-176: Yuba #3 (62 negatives, 301A-399A)
177-246: Yuba #15 (69 negatives, 286B-499B)
247-326: Yuba #16 1916-1917 (80 negatives, 601A-682B)
327-343: Dredger Operations (17 negatives, A-Q)
344-425: Dredging #26 (82 negatives)
426-428: Dredge (Possibly Santa Margarita) (3 negatives)
429-436: Star Drill (8 negatives)
437-446: Hull Pontoon (Natomas Company) (10 negatives, 1-A to 1-K, and 1-I is missing)
447-470: Dredge #149 c. 1940 (24 negatives)
471-472: Supia Dredge, Yuba (2 negatives)
473-512: Dredger Operations (40 negatives, 639B, 702A-735A)

Box 9
Nitrate Negatives, Various Dredger Operations (352 negatives)

15-255S: Various Dredger operations (145S is missing, 254 negatives total)
256-264: Biggs No. 1, 1935-1936 (9 negatives)
265-341: Dredging #1 (77 negatives)
342-346: Natoma Dredge (5 negatives)
347: Patco #1 (1 negative)
348-353: Dredger Operations, c. 1941 (6 negatives)

Box 10
Nitrate Negatives, Various Dredger Operations (7 negatives)

Folder 1: Panoramic of various Dredging Operations (7 negatives)

oversize-box 11
Dredge No. 53 Blueprints
Physical Description: (1 item)

Item 1: Walter W. Johnson Company blueprints, 6 and 12 cu. ft., Dredge No. 53, 1935-1937
Physical Description: 31 sheets

oversize-box 12
Gold Dredge Job #44 Blueprints
Physical Description: (1 item)

Item 1: Walter W. Johnson Company blueprints, 4, 5 and 6 cu ft., Gold Dredge Job #44, 1935, 1937-1938
Physical Description: 18 sheets

oversize-box 13
Dredge No. 56 Blueprints
Physical Description: (1 item)

Item 1: Walter W. Johnson Company blueprints, 4 cu. ft. Dredge No. 56, 1936, 1938-1939
Physical Description: 22 sheets

oversize-box 14
Dredge No. 50 Blueprints
Physical Description: (1 item)

Item 1: H.G. Peake Engineering Company blueprints, 6 cu. ft., Dredge No. 50, 1936-1937
Physical Description: 79 sheets

oversize-box 15
Dredge No. 48, 50, and 54 Blueprints
Physical Description: (3 items)
Item 1: Walter W. Johnson Company blueprints, 4 cu. ft., Dredge No. 50, 1935-1936
Physical Description: 9 sheets

Item 2: Walter W. Johnson Company blueprints, 4 cu. ft., Dredge No. 48, 1935
Physical Description: 6 sheets

Item 3: Walter W. Johnson Company blueprints, 2 ½ cu. ft., Dredge No. 54, 1938
Physical Description: 7 sheets

Dredge No. 42 and 43 Blueprints
Physical Description: (2 items)

Item 1: Walter W. Johnson Company blueprints, 2 ½ cu. ft., Dredge No. 42, 1935, 1939
Physical Description: 8 sheets

Item 2: Walter W. Johnson Company blueprints, 4 cu. ft., Dredge No. 43, 1935, 1939
Physical Description: 5 sheets

Dredge No. 45 Blueprints
Physical Description: (2 items)


Dredge No. 47 Blueprints
Physical Description: (1 item)

Item 1: Walter W. Johnson Company blueprints, 11 and 12 cu. ft. Dredge No. 47, 1936-1938

Dredge No. 41 Blueprints
Physical Description: (1 item)


Dredge No. 51 Blueprints
Physical Description: (1 item)

Physical Description: 32 sheets
Item 1: Walter W. Johnson Company blueprints, for Yreka Gold Dredging Company, 6 cu. ft. Dredge No. 51 1936, 1940
  Physical Description: 17 sheets

oversize-box 23 Dredge No. 55 Blueprints
  Physical Description: (1 item)

Item 1: Walter W. Johnson Company blueprints, 4, 4 ½, 6, and 12, cu. ft. Dredge No. 55, 1936-1939
  Physical Description: 22 sheets

oversize-box 24 Proposed Forest Development Roads Plans
  Physical Description: (1 item)


oversize-box 25 Proposed Forest Development Roads Plans
  Physical Description: (1 item)


oversize-box 26 Proposed Forest Development Roads Plans
  Physical Description: (1 item)


oversize-box 27 Dredge No. 2 Blueprints
  Physical Description: (1 item)

Item 1: Placer Management Limited No. 5 blueprints, 12 ½ cu. ft. Dredge No. 2, 1939-1940
  Physical Description: 55 sheets

oversize-box 28 Dredge No. 2 Blueprints
  Physical Description: (1 item)

Item 1: Placer Management Limited No. 5 blueprints, 12 ½ cu. ft. Dredge No. 2, 1939-1940
  Physical Description: 55 sheets

oversize-box 29 Tin Placer Dredge Blueprints
  Physical Description: (2 items)

Item 1: Joshua Hendy Iron Works, 14 cu. ft. x 100 ft. Tin Placer Dredge blueprints, 1944
  Physical Description: 4 sheets (1 sheet handwritten)

  Physical Description: 3 sheets
Various Dredger Blueprints

Physical Description: (7 items)

Item 1: H.G. Peake Engineering Company blueprints for Gold Canyon Creek Dredge Company, 1912, 1933
Physical Description: 2 sheets

Item 2: 14 cu. ft. (Gold Dredge) Buckets, blueprint by B. R. Storsand, 1940
Item 3: Yuba Associated Engineers Ltd. blueprint, Drwg. No. 6008,
Physical Description: 1 sheet

Item 4: Detail Estimate Blueprint template (blank),
Physical Description: 2 sheets

Item 5: American Manganese Steel Company blueprint, 9 cu. ft. Amsco Rivetless, 1938, and 10 cu. ft. Dredge for Bucyrus-Erie Company (copy)
Item 6: Snelling Gold Dredging Company blueprint, (Ladder Rollers and Details, Dredge No. 44), 1936
Physical Description: 2 sheets

Item 7: Various Dredge Parts, Hand drawn, 3 sheets, includes Dredge Pump Volute Layout, drawn by Jean M. Allen Consulting Engineer, 1945

Various Dredger Blueprints

Physical Description: (4 items)

Item 1: Taylor-Wharton Iron Steel Company, 3 cu. ft. Manganese Steel for Norman Cleveland, and 8, 14, 15 and 18 cu. ft., 1936, 1941-1942
Physical Description: 7 sheets

Physical Description: 2 sheets

Item 3: Yuba Manufacturing Company, 9 cu. ft. Dredge #150, 1940
Physical Description: 1 sheet

Item 4: Taylor-Wharton Iron Steel Company blueprint, Top Tumbler (used on Karimata) copied from original blueprint made by Gem: Mijnb: Mij: Billiton #923.009-597 F.I. 1941
Physical Description: 1 sheets

Various Dredger Blueprints

Physical Description: (5 items)

Item 1: La Grange Gold Dredging Company blueprints, 7 cu. ft., Continuous Bucket Electric Placer Mining Dredge, 1907
Physical Description: 6 sheets

Item 2: Boventuimelaar blueprints, upper and lower tumbler, 1939
Physical Description: 2 sheets

Item 3: Bethlehem Shipbuilding Corporation, Ltd. blueprints, 1935 for CAL. ORO. Dredging, Company,
Physical Description: 2 sheets

Item 4: Emmer Met Schalmer blueprint, No. 895
Various Dredger Blueprints

  Physical Description: 10 sheets

Various Dredger Blueprints

- Item 1: Columbia Steel Casting Company blueprints, Manganese Steel Screen Plates, 4 and 5 cu. ft., 1937-1939
  Physical Description: 4 sheets

- Item 2: Joshua Hendy Iron Works blueprints by Columbia Steel Casting Company, 3 cu. ft., 1935
  Physical Description: 9 sheets

Close Connection Dredge Blueprints

- Item 1: H. G. Peake Engineering Company blueprints, Various Dredges, 2 ½, 2 ¾, 3, 3 ½, and 4, cu. ft. Close Connection Dredge, 1908-1914, 1917-1918
  Physical Description: 28 sheets

Loomis Dredge No. 40 Blueprints

- Item 1: Walter W. Johnson Company blueprints, 11 cu. ft. Loomis Dredge #40, for Gold Hill Dredging Company, 1936-1937
  Physical Description: 12 sheets

Bulolo No. 1 Dredge Blueprints

- Item 1: Lancaster Iron Works, Inc. blueprints for Yuba Manufacturing Company, Dredge "Bulolo No. 1", 1937
  Physical Description: 30 sheets

Yuba Consolidated Industries
Records MSS.322
Various Dredger Blueprints

Item 1: Placer Management Limited No. 3 blueprints, 10 cu. ft., Dredge No. 5 and 7, 1935-1936
   Physical Description: 29 sheets

Item 2: Placer Management Limited No. 3 blueprints, 10 cu. ft. Dredge No. 1-4, 1937
   Physical Description: 8 sheets

oversize-box 39

Various Dredger Blueprints
   Physical Description: (6 items)

Item 1: Placer Management Limited No. 4 blueprints, 13 ½ cu. ft. Dredge No. 3-5, 1937, 1941
   Physical Description: 11 sheets

Item 2: Placer Management Limited No. 4 blueprints, 15 cu. ft. Dredge, 1944
   Physical Description: 2 sheets

Item 3: Placer Limited blueprints, 15 cu. ft. Dredge (for Pato Consolidated), 1942
   Physical Description: 2 sheets

Item 4: Placer Management Limited No. 5 blueprints, 5 ¾ cu. ft. Dredge No. 1, 1934
Item 5: Placer Limited No. 3 blueprints, 6 cu. ft. Dredge No. 6 and 10 cu. ft. Dredge No. 5, and Placer Limited No. 5 blueprints, 6 cu. ft. Dredge No. 1,
   Physical Description: 10 sheets

Item 6: Placer Management Limited No., Water Jet Pump Blueprints, 1944
   Physical Description: 2 sheets

oversize-box 40

Bulolo No. 5 Blueprints
   Physical Description: (1 item)

Item 1: Placer Development Ltd. For Bulolo Gold Dredging, Ltd. blueprints, 10 cu. ft. Dredge, Bulolo #5, 1935-1936
   Physical Description: 40 sheets

oversize-box 41

Bulolo No. 6 and Bulolo No. 5 Blueprints
   Physical Description: (1 item)

Item 1: Placer Development, Ltd. blueprints for Bulolo Gold Dredging, Ltd., 13 ½ cu. ft., Bulolo No. 6, and Bulolo No. 5, 1935-1936
   Physical Description: 35 sheets

oversize-box 42

Various Dredger Blueprints for Bulolo Gold Dredging Ltd.
   Physical Description: (5 items)

Item 1: Placer Development, Ltd. blueprints for Bulolo Gold Dredging, Ltd., 6 cu. ft. Bulolo # 6 Dredge, 1936-1937
   Physical Description: 15 sheets

Item 2: Placer Development, Ltd. blueprints for Bulolo Gold Dredging, Ltd., Bulolo #6, and Bulolo #5, 1934-1937
   Physical Description: 13 sheets

Item 3: Bulolo Gold Dredging Company blueprints, 10 ½ cu. ft. Dredge, “Delta”, 1933
   Physical Description: 1 sheet
<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Placer Development, Ltd. blueprints for Pato Consolidated Gold Dredging, Ltd., 7 ½ and 8 ½ cu. ft. “Nechi” and “Pato” Dredges, 1934-1936</td>
</tr>
<tr>
<td>3</td>
<td>Gold Hill Dredging Company blueprints, Lower Comanche Dredge, 1940</td>
</tr>
<tr>
<td>4</td>
<td>Gold Hill Dredging Company blueprints, Dredge “Kister”, 1937</td>
</tr>
<tr>
<td>5</td>
<td>Walter W. Johnson Company blueprints, 7 ½ cu. ft. Dredge for Mitsui Company, 1939</td>
</tr>
<tr>
<td>6</td>
<td>Walter W. Johnson Company blueprints for Gold Hill Dredging Company, 7 ½ cu. ft. Close Connected Dredge, 1934</td>
</tr>
<tr>
<td>7</td>
<td>Mississippi Bar, Blueprint Map layout (company holdings) Colorado-Pacific Dredging Company (cm 925).</td>
</tr>
<tr>
<td>8</td>
<td>Walter W. Johnson Company blueprint, 6 cu. ft., Drive Details, Dwg. No. 432. 1936</td>
</tr>
<tr>
<td>9</td>
<td>Walter W. Johnson blueprint, 12 cu. ft. Dredge No. 47, Details of BowLine Fair Lead, Dwg. 4332. 1937</td>
</tr>
<tr>
<td>10</td>
<td>Walter W. Johnson blueprint, 12 cu. ft. Dredge No. 47, Details of BowLine Fair Lead, Dwg. 4331. 1937</td>
</tr>
<tr>
<td>11</td>
<td>Walter W. Johnson blueprint, 12 cu. ft. Dredge No. 47, BowLine Fair Lead, Dwg. 4330 (for details see Dwg. 4331 &amp; 4332). 1937</td>
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<td>12</td>
<td>Walter W. Johnson blueprint, 2 ½ cu. ft. Dredge #42, Main Drive Bearings and Gear Details, Dwg. No. 219. 1935</td>
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<td>13</td>
<td>Walter W. Johnson blueprint, 6 cu. ft. Dredge No. 51 and 53, Details of BowLine Fair Lead, Yreka Gold Dredging Company, Dwg. 4039 (for assembly see Dwg. No. 4040). 1936</td>
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<tr>
<td>14</td>
<td>Walter W. Johnson blueprint, 6 cu. ft. Dredge No. 51 and 53, Details of BowLine Fair Lead, Yreka Gold Dredging Company, Dwg. 4041. 1936</td>
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</tbody>
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Item 10: Walter W. Johnson blueprint, 4 cu. ft. Dredge No. 49, Ladder Castings and Roller Details, C. J. Berry Gold Dredging Company, Dwg. 766, 1936
Item 11: Walter W. Johnson blueprint, 4 cu. ft. Dredge No. 49, Details Digging Ladder Castings and Roller Details, C. J. Berry Gold Dredging Company, Dwg. 765, 1936
Item 12: Walter W. Johnson blueprint, 12 cu. ft. Dredge No. 45, Deck Sheaves, Defection, Flat and Stern Fairlead, Dwg. No. 705. 1936