

Homestake Survey Records 5019

Finding aid prepared by Hannah Marshall Bawden

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Rules for Archival Description

Homestake Adams Research and Cultural Center

July 2019

Deadwood History, Inc.

150 Sherman Street

Deadwood, South Dakota, 57732

(605) 722-4800

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Summary Information

Repository	Homestake Adams Research and Cultural Center
Creator	Abrahams Aerial Survey Corp.
Creator	Aero Service Corp.
Creator	Allan Spector and Associates Limited
Creator	Homestake Mining Company
Creator	United States. Bureau of Mines
Title	Homestake Survey Records
Date [bulk]	Bulk, 1881-1993
Date [inclusive]	1877-2001
Extent	56.5 Linear feet
Language	English
Abstract	<p>The Homestake Survey Records are an artificial collection consisting primarily of survey and field books dating from 1877 to 1986. The collection also includes data and worksheets, survey cards, correspondence, and several aerial photographs.</p>

Biographical/Historical Note

Mine surveying includes the measurement, calculation, and mapping of both the surface and underground levels to document information at all stages of the mining process (prospecting to profit). Founded in 1877 in Lead, South Dakota, Homestake Mining Company conducted surveys of different varieties for all 124 years of its operation.

Surface surveys were utilized to stake mining and timber claims, mark boundaries, determine grades for ditches, flumes, pipelines, and railroads, and set baselines. In November 1879 Richard Blackstone, the chief engineer for Homestake, established the baseline, coordinate, and triangulation systems that all subsequent surveys were based off.

Surveys were transferred from the surface to the underground levels either by creating a new tunnel or hanging wires down vertical shafts. When done correctly, the underground coordinates were then in relation to the surface boundaries and buildings. Homestake's extensive use of surveys meant that errors in measurements and coordinates rarely occurred.

The records of the earliest surveys were written in field books by the various surveyors and their crews who would then return to the office to carry out computations and create maps for use by the company. Usually, these men were part of the Engineering Office and had other tasks to complete beyond surveying. As Homestake continued to grow, the need for employees solely focused on surveying became apparent. The company developed a Survey Office with employees dedicated to going into the field to carry out surveys and employees dedicated to processing the information brought back from those surveys.

Technology and surveying equipment rapidly improved in the late 19th and early 20th century and Homestake began to utilize numerous new instruments and methods including aerial photography in the 1930s and technical programs such as Winsurv in the late 1980s. By the 1950s the company also began to hire survey companies on contract to complete surveys that were unusually large in scale, outside of the Black Hills area, or required specialized equipment.

Scope and Contents Note

This collection includes the records of surveys conducted by several departments of the Homestake Mining Company including the Surveying Office, Engineering Office, and the Timber Department as well as records from independent contractor surveys.

Series I Survey Field Notes and Computations consists of notes from land, mineral, timber, and water surveys. Computation books and triangulation sketches are also found in this series. Of particular note is a 1977 overview of the shorthand used in survey books. This series makes up the bulk of the collection.

Series II Survey Worksheet and Cards consists of several boxes of computer-generated data and worksheets of underground surveys, land survey triangulation cards, and drill hole surveys. The bulk of this collection dates from the mid-1970s to the early 1990s.

Series III Survey Correspondence, Reports, and Information Booklets consists of several folders of correspondence between the federal government and Homestake as well as internal communication dating from the late 1880s through 1899. Completed reports from companies carrying out surveys for the Homestake Mining Company as well as published works by Homestake employees can also be found in this series, with a focus on Induced Polarization and Magnetometer surveying.

Series IV Aerial Surveys consists of aerial photographs taken by several different companies in the Black Hills areas of South Dakota and Wyoming. A large amount of material related to the H.M. Jenks v. Homestake Mining Company case is found in this series.

Arrangement Note

This collection has been arranged into four series. Documents originally housed in binders have been rehoused for preservation purposes but retain their original labels. Whenever possible original order was maintained. Oversize items, some photographs, and fragile volumes have been housed separately from the collection and are described by separation notes.

Series I Survey Field Notes and Computations has been arranged into sub-series to reflect original order of the materials when received from Homestake Mining Company.

Sub-Series 1 Survey and Computation Books: These books have been arranged by the number given by Homestake. See box list for information.

Sub-Series 2 Survey Books and Fields: Items with alpha-numeric numbers from Homestake have been arranged in alpha-numeric order. Remaining items have been arranged by type and thereunder chronologically. See box list for more information.

Series II Survey worksheets and Cards: Items have been arranged by type and thereunder by level. See box list for more information.

Series III: Correspondence, Reports, and Information Booklets: Items have been arranged by subject and thereunder chronologically. See box list for more information.

Series IV Aerial photos: See box list for more information.

Administrative Information

Publication Information

Homestake Adams Research and Cultural Center July 2019

Conditions Governing Access

This collection is housed at the Homestake Adams Research and Cultural Center with no restrictions to access. The collection may be utilized during normal operating hours or by appointment.

Processing Information

This collection was processed March 2019 - July 2019 by Hannah Marshall Bawden. Assistance provided by Claudia Howell, Jim Petersen, and Randi Sue Smith.

Related Materials

Related Materials

Additional archival materials related to the Homestake Survey Records can be found in the Homestake Mining Company Collection including the following: Homestake Map Collection, 5000 Homestake Vested Water Rights Collection, 5001 Homestake Mine Engineer Files, 5002 Homestake Timber Contracts Paperwork, 5018 Bureau of Mines Publications, Diamond Drill Records, Stope and Plug Records, Assay Records and James A. Noble maps.

Separated Materials

Separation notes within the collection describe items housed separately from the collection due to size or preservation issues. These include photographs, books, and maps.

Other Finding Aids note

An index of survey books describing their contents is available in Excel Spreadsheet format at the Homestake Adams Research Center.

Series I: Survey Field Notes and Computations

Collection Inventory

Series I: Survey Field Notes and Computations 1877-1992		
Sub-Series 1: Survey and Computation Books 1907-1983, Undated		
	Box	Folder
R.S. Fraser No. 1 (Book 1), 1922-1927	1	1
R.S. Fraser No. 1 (Book 2), 1928-1930	1	2
Reilly No. 2 (Book 3), 1930	1	3
Peter D. Capp No. 1 (Book 4), 1931-1932	1	4
Fluker No.1 (Book 5), 1931-1939	1	5
R. Lee No. 1 (Book 6), 1932	1	6
Yates Book #1 Warren (Book 7), 1932-1934	1	7
R. Lee No. 2 Surface Survey (Book 8), 1933	1	8
Yates Warren Book No. 2 (Book 9), 1933-1934	1	9

Sub-Series 1: Survey and Computation Books

P.D. Cappa No. 2 (Book 10), 1933-1934	1	10
Shoaf Book No. 1 (Book 11), 1934	1	11
R. Regan (Book 12), 1934	1	12
R. Lee No. 3 Surface Survey (Book 13), 1934	1	13
Reilly (Book 14), 1934-1935	1	14
C.A. Polley No. 1 (Book 15), 1934-1935	1	15
Savidge No. 1 (Book 16), 1934-1936	1	16
R. Lee No. 4 Surface Survey (Book 17), 1934-1936	1	17
L.G. Warren Book 3 Surface Survey (Book 18), 1934-1936	1	18
H.J. Sliper No. 1 (Book 19), 1934-1938	2	1
Shoaf No. 2 (Book 20), 1935	2	2
C.A. Polley No. 2 (Book 21), 1935-1938	2	3
R. Lee No. 5 Surface Survey (Book 22), 1936	2	4
S. Berry and R.S. Fraser Ties to Alert Lot (Book 23), 1936	2	5

Sub-Series 1: Survey and Computation Books

A. Mastrovich Book 1 (Book 24), 1937	2	6
A. Mastrovich No. 2 (Book 25), 1937	2	7
P.D. Cappa No. 3 (Book 26), 1937-1938	2	8
P.D. Cappa No. 4 (Book 27), 1937-1938	2	9
Richardson Book 1 (Book 28), 1938	2	10
P.D. Cappa No. 4 (Book 29), 1938	2	11
P.D. Cappa No. 6 (Book 30), 1938	2	12
P.D. Cappa No. 7 Spearfish Canyon Survey (Book 31), 1938	2	13
Middleton Book 1 (Book 32), 1938-1939	2	14
Fraser, Sliper, Berry Book 4 (Book 33), 1938-1939	2	15
C.A Polley No. 3 (Book 34), 1938-1941	2	16
Harold Sliper No. 2 Yates Shaft (Book 35), 1938-1942	2	17
Harold Sliper No. 3 (Book 36), 1938-1942	2	18
P.D. Cappa No. 8 (Book 37), 1939-1941	2	19

Sub-Series 1: Survey and Computation Books

D.M "Slapsy" Middleton No. 2 (Book 38), 1940	2	20
Mastrovich Book 6 (Book 39), 1940	2	21
P.D. Cappa No. 10 (Book 40), 1941-1942	2	22
Harold J. Siper No. 4 (Book 41), 1941-1947	3	1
L.G. Warren Vanadium No. 1 (Book 42), 1942-1943	3	2
A.B. Mitchell (Book 43), 1942-1943	3	3
Warren (Book 44), 1943	3	4
Lyle G. Warren Book #10 (Book 45), 1944	3	5
E.B. Velzy No. 1 (Book 46), 1946	3	6
E.B. Velzy No. 2 (Book 47), 1947-1949	3	7
Lewis Morcom No. 1 (Book 48), 1948	3	8
Lewis Morcom No. 2 (Book 49), 1948-1950	3	9
E.B. Velzy No. 3 (Book 50), 1948-1950	3	10
Lewis Morcom A (Book 51), 1950	3	11

Sub-Series 1: Survey and Computation Books

Lewis Morcom No. 3 (Book 52), 1950-1951	3	12
Lyle G. Warren Bk 12 (Book 53), 1950-1952	3	13
Velzy No. 4 (Book 54), 1951	3	14
L.W. Morcom (Book 55), 1951-1953	3	15
Warren Book 13 (Book 56), 1952-1954	3	16
Unidentified Survey and Compilation Book (Book 57), 1952-1954	3	17
L.W. Morcom No. 5 (Book 58), 1954-1958	3	18
L.W. Morcom No. 6 (Book 59), 1955-1957	3	19
C.N. Heinen No.1 (Book 60), 1955-1957	3	20
Warren #14 (Book 61), 1955-1960	3	21
R.H. Richards No. 22 (Book 62), 1957	3	22
C.N. Heinen No. 2 (Book 63), 1957-1958	3	23
C.N. Heinen No. 3 (Book 64), 1957-1959	3	24
R.H. Richards No. 21 (Book 65), 1957-1960	4	1

Sub-Series 1: Survey and Computation Books

R.H. Richards No. 23 (Book 66), 1958	4	2
R.H. Richards No. 24 (Book 67), 1958	4	3
C.N. Heinen No. 4 (Book 68), 1959	4	4
R.H. Richards No. 25 (Book 69), 1959	4	5
C.N. Heinen No. 5 (Book 70), 1959-1960	4	6
C.N. Heinen No. 7 (Book 71), 1960	4	7
C.N. Heinen No. 6 (Book 72), 1960	4	8
C.N. Heinen No. 8 (Book 73), 1960-1961	4	9
C.N. Heinen No. 9 (Book 74), 1961	4	10
HEM No. 1 (Book 75), 1961-1962	4	11
C.N. Heinen No. 10 (Book 76), 1961-1962	4	12
Golden Gate Permits (Book 77), 1961-1962	4	13
HEM No. 2 (Book 78), 1962-1963	4	14
C.N. Heinen No. 11 (Book 79), 1962-1963	4	15

Sub-Series 1: Survey and Computation Books

C.N. Heinen No. 12 (Book 80), 1963-1964	4	16
HEM No. 3 (Book 81), 1963-1966	4	17
C.N. Heinen No. 13 (Book 82), 1964	4	18
C.N. Heinen No. 14 (Book 83), 1964-1966	4	19
C.N. Heinen No. 15 (Book 84), 1966	4	20
HEM No. 4 (Book 85), 1966-1968	4	21
C.N. Heinen Book 16 (Book 86), 1967-1968	4	22
C.N. Heinen No. 18 (Book 87), 1967-1970	4	23
C.N. Heinen No. 17 (Box 88), 1968	5	1
HEM No. 5 (Book 89), 1968 -1971	5	2
C.N. Heinen Private Surveys (Book 90), 1968 -1973	5	3
C.N. Heinen No. 19 (Book 91), 1970 - 1972	5	4
Book No. 20 (Book 93), 1972-1973	5	6
C.N. Heinen No. 21 (Book 94), 1973 -1974	5	7

Sub-Series 1: Survey and Computation Books

C.N. Heinen Unnumbered (Book 92), 1971-1974	5	5
C.N. Heinen No. 22 (Book 95), 1974 -1975	5	8
C.N. Heinen Spearfish Sawmill (Book 96), 1974 -1976	5	9
Book 23 and Pollution Dam Surveys (book 97), 1975 -1976	5	10
C.N. Heinen Private Book 7 (Book 98), 1976 -1976	5	11
Survey 24 (Book 99), 1976 - 1980	5	12
C.N. Heinen No. 25 (Book 100), 1980 - 1983	5	13
C.N. Heinen No. 26 (Book 101), 1983	5	14
Townships Mastrovich (Book 102), Undated	5	15
Central City (Book 103), Undated	5	16
Robertson No. 6 Spearfish Canyon Cabins (Book 104), Undated	5	17
P.D. Cappa No. 9 Spearfish Canyon Claims (Book 105), Undated	5	18
Mastrovich #3 (Book 106), Undated	5	19
Mastrovich #4 Spearfish Canyon (Book 107), Undated	5	20

Sub-Series 1: Survey and Computation Books

Mastrovich #5 Townships (Book 108), Undated	5	21
Mastrovich No. 7 (Book 109), Undated	5	22
Moskee Surveys & Spearfish Sawmill Computations (Book 110), Undated	6	1
Powder River Wyoming (Book 111), Undated	6	2
Book 3 (Book 112), Undated	6	3
Unidentified Surveys (Book 113), Undated	6	4
Misc. Survey and Compilation (Book 114), 1925	6	5
Miscellaneous #2 (Book 115), 1921	6	6
Misc. #3 Aerial Tramway (Book 116), 1907-1908	6	7
Bill Anderson No. 1 (Book 117), 1956 -1958	6	8
Bill Anderson No. 2 (Book 118), 1958 -1959	6	9
Roger Andrews and Melvin Hill (Book 119), 1978 -1981	6	10
Bob Boppe No. 2 (Book 120), 1960 -1962	6	11
Bob Boppe No. 3 Ronald Lacroix No. 1 (Book 121), 1962 -1964	6	12

Sub-Series 1: Survey and Computation Books

Bud Bradley No. 1 (Book 122), 1930 -1931	6	13
Bud Bradley No. 2 (Book 123), 1931-1932	6	14
Bud Bradley No. 3 (Book 124), 1932-1933	6	15
Bud Bradley No. 4 (Book 125), 1933-1934	6	16
Bud Bradley No. 6 (Book 126), 1933	6	17
Bud Bradley No. 7 (Book 127), Undated	6	18
Bud Bradley No. 8 (Book 128), 1939	6	19
Bud Bradley No. 9 (Book 129), Undated	6	20
Bud Bradley No. 11 (Book 130), 1946	6	21
Bud Bradley No. 12 (Book 131), 1948	6	22
Bud Bradley No. 13 (Book 132), 1948	6	23
Bud Bradley No. 14 (Book 133), Undated	6	24
Bud Bradley No. 10 (Book 134), Undated	6	25
C.A. Brooks Scrapbook 1 (Box 135), 1913	6	26

Sub-Series 1: Survey and Computation Books

C.A. Brooks Scrapbook No. 2 (Book 136), 1913-1914	7	1
C.A. Brooks Scrapbook No. 3 (Book 137), 1914	7	2
C.A. Brooks Scrapbook No. 4 (Book 138), 1914-1915	7	3
W.C. Campbell No. 1 (Book 139), 1930-1931	7	4
W.C. Campbell No. 2 (Book 140), 1932	7	5
W.C. Campbell No. 3 (Book 141), 1932-1933	7	6
W.C. Campbell No. 4 (Book 142), 1933-1934	7	7
W.C. Campbell No. 5 (Book 143), 1934-1937	7	8
W.C. Campbell No. 6 (Book 144), 1937-1938	7	9
W.C. Campbell No. 7 (Book 145), 1938	7	10
W.C. Campbell No. 8 (Book 146), 1939-1941	7	11
W.C. Campbell No. 9 (Book 147), 1939-1941	7	12
W.C. Campbell No. 10 (Book 148), 1941-1945	7	13
W.C. Campbell No. 11 (Book 149), 1945-1947	7	14

Sub-Series 1: Survey and Computation Books

W.C. Campbell No. 12 (Book 150), 1947-1948	7	15
W.C. Campbell No. 13 (Book 151), 1948	7	16
W.C. Campbell and G. Beardshear Surface Survey (Book 152), 1929-1931	7	17
W.C. Campbell C-1 Surface Surveys (Book 153), 1928-1931	7	18
George Dahl No. 2 (Book 154), 1978-1980	7	19
George Dahl No. 3 (Book 155), 1980	7	20
H.E. Dalton No. 1 (Book 156), 1918-1920	7	21
H.E. Dalton No. 2 (Book 157), 1920	7	22
H.E. Dalton Water Volumes-Fire (Book 158) 1919	7	23
Donald Delicate No.1, Holmes No.2, Philip Montamble No. 1 (Book 159), 1948-1950	7	24
Kirby Denton No. 1 (Book 160), 1971-1974	7	25
Kirby Denton No. 2 (Book 161), 1974-1977	8	1
Kirby Denton No. 3 (Book 162), 1977-1979	8	2

Sub-Series 1: Survey and Computation Books

Lynn Denton No. 1 (Book 163), 1977-1980	8	3
A. Elvestrom No. 1 (Book 164), 1955	8	4
A. Elvestrom No. 2 (Book 165), 1956-1958	8	5
A. Elvestrom No. 3 (Book 166), 1958-1961	8	6
A. Elvestrom No. 4 (Book 167), 1961-1963	8	7
A. Elvestrom No. 5 (Book 168), 1963-1965	8	8
A. Elvestrom No. 6 (Book 169), 1965-1967	8	9
A. Elvestrom No. 7 John Narem No. 1 (Book 170), 1967-1973	8	10
Dan Epperly No. 1 (Book 171), 1956-1958	8	11
Dan Epperly No. 2, Gene Byrum No. 1, Robert Boppe No. 1 (Book 172), 1958-1960	8	12
Charles Evans No. 1 (Book 173), 1932-1933	8	13
Charles Evans No. 2 (Book 174), 1933-1934	8	14
Charles Evans No. 3 (Book 175), 1934-1936	8	15

Sub-Series 1: Survey and Computation Books

Charles Evans No. 4 (Book 176), 1935-1938	8	16
Charles Evans No. 5 (Book 177), 1936-1937	8	17
Fluker No. 2 (Book 178), 1939	8	18
Fluker No. 3 (Book 179), 1939	8	19
Bud Fogelsong Surface Surveys (Book 180), 1927	8	20
Ray Friskey No. 1 (Book 181), 1957-1960	8	21
Ray Friskey No. 2 (Book 182), 1960-1962	8	22
Ray Friskey No. 3 (Book 183), 1962-1964	8	23
Ray Friskey No. 4 (Book 184), 1964-1967	8	24
Ray Friskey No. 5 (Book 185), 1967-1969	8	25
Sam Grover No. 1 (Book 186), 1966-1969	9	1
Sam Grover No. 2 (Book 187), 1969	9	2
Sam Grover No. 3, Dahl No. 1 (Book 188), 1973-1978	9	3
Melvin Hill No. 2 (Book 189), 1981	9	4

Sub-Series 1: Survey and Computation Books

Francis Hoffman No. 3 (Book 190), 1951-1952	9	5
Francis Hoffman No. 4 (Book 191), 1952-1953	9	6
Francis Hoffman No. 5 (Book 192), 1953-1954	9	7
T.G. Houston No. 1 (Book 193), 1924-1925	9	8
T.G. Houston No. 2 (Book 194), 1925-1927	9	9
T.G. Houston No. 3 (Book 195), 1927	9	10
T.G. Houston No. 4 (Book 196), 1927-1928	9	11
T.G. Houston No. 5 (Book 197), 1928-1929	9	12
T.G. Houston No. 6 (Book 198), 1929-1930	9	13
T.G. Houston No. 7 (Book 199), 1930-1931	9	14
T.G. Houston No. 8 (Book 200), 1931	9	15
T.G. Houston No. 9 (Book 201), 1932-1933	9	16
T.G. Houston No. 10 (Book 202), 1933-1935	9	17
T.G. Houston No. 11 (Book 203), 1933-1943	9	18

Sub-Series 1: Survey and Computation Books

T.G. Houston No. 12 (Book 204), 1935-1939	9	19
Paul Istratescu No. 1 (Book 205), 1955-1956	9	20
Edward F. Jacobson No. 1 , Ralph Mattson No.1 (Book 206), 1950-1951	9	21
Louis C. Jennerjahn No. 1 (Book 207), 1951-1952	9	22
Louis C. Jennerjahn No. 1 (Book 207), 1951-1952	9	23
Louis C. Jennerjahn No. 3 (Book 209), 1954-1955	10	1
Louis C. Jennerjahn No. 4 (Book 210), 1955-1957	10	2
Louis C. Jennerjahn No. 5 (Book 211), 1957	10	3
Louis C. Jennerjahn No. 6 (Book 212), 1958	10	4
Louis C. Jennerjahn No. 7 (Book 213), 1961-1963	10	5
Louis C. Jennerjahn No. 8 (Book 214), 1963-1966	10	6
Louis C. Jennerjahn No. 9 (Book 215), 1966-1969	10	7
Louis C. Jennerjahn No. 10 (Book 216), 1969-1975	10	8
Louis C. Jennerjahn No. 11 (Book 217), 1973-1978	10	9

Sub-Series 1: Survey and Computation Books

Francis Hoffman No. 2 (Book 218), 1949	10	10
Francis King No. 1, Francis Hoffman No. 1 (Book 219), 1948-1949	10	11
M.J. Konantz No. 1 (Book 220), 1946	10	12
Ronnie LaCroix No. 2 (Book 221), 1964-1965	10	13
Lease No. 2 (Book 222), 1924	10	14
Ed Ledyard No. 1 (Book 223), 1947-1948	10	15
Billy Limbo No. 2 (Book 224), 1981	10	16
Pete Maynard No. 1 (Book 225), 1959-1961	10	17
Pete Maynard No. 2 (Book 226), 1961-1963	10	18
Pete Maynard No. 3 (Book 227), 1963-1965	10	19
Pete Maynard No. 4, Dean Pock No. 1 (Book 228), 1965-1967	10	20
Bill Mitchell No. 1 (Book 229), 1946	10	21
Bill Mitchell No. 2 (Book 230), 1942-1948	10	22
Bud Mitchell No. 1 (Book 231), 1942-1948	10	23

Sub-Series 1: Survey and Computation Books

Bud Mitchell No. 2 (Book 232), 1947-1948	10	24
Bud Mitchell No. 3 (Book 233), 1948-1950	10	25
Bud Mitchell No. 4 (Book 234), 1949-1951	10	26
Bud Mitchell No. 5 (Book 235), 1951-1952	10	27
Bud Mitchell No. 6 (Book 236), 1952-1954	11	1
Bud Mitchell No. 7 (Book 237), 1954-1957	11	2
Bud Mitchell No. 8 (Book 238), 1955-1959	11	3
Bud Mitchell No. 9 (Book 239), 1957	11	4
Bud Mitchell No. 10 (Book 240), 1959-1967	11	5
Bud Mitchell No. 11 (Book 241), 1967-1971	11	6
Bud Mitchell No. 12 (Book 242), 1971-1976	11	7
John Narem No. 2 (Book 243), 1973-1977	11	8
John Narem No. 3 (Book 244), 1977-1980	11	9
John Narem No. 4 (Book 245), 1980	11	10

Sub-Series 1: Survey and Computation Books

Jerry Nelson No. 1 (Book 246), 1974-1977	11	11
James Palmer No. 1 (Book 247), 1954	11	12
James Palmer No. 2 (Book 248), 1956	11	13
Virgil Palmer No. 1 (Book 249), 1952	11	14
Virgil Palmer No. 2 (Book 250), 1953-1955	11	15
Virgil Palmer No. 3 (Book 251), 1955-1957	11	16
Virgil Palmer No. 4 (Book 252), 1957-1959	11	17
Virgil Palmer No. 5 (Book 253), 1959-1961	11	18
Virgil Palmer No. 6 (Book 254), 1961-1963	11	19
Virgil Palmer No. 7 (Book 255), 1963-1965	11	20
Virgil Palmer No. 8 (Book 256), 1965-1966	11	21
Virgil Palmer No. 9 (Book 257), 1966-1969	11	22
Virgil Palmer No. 10 (Book 258), 1969-1973	11	23
Virgil Palmer No. 11 (Book 259), 1973	11	24

Sub-Series 1: Survey and Computation Books

Jason S. Park No. 1 (Book 260), 1931-1953	11	25
Jason S. Park No. 2 (Book 261), 1933-1935	12	1
Jason S. Park No. 3 (Book 262), 1935-1937	12	2
J.F. Peters Surface Survey (Book 263), 1921	12	3
J.F. Peters No. 1 (Book 264), 1913	12	4
J.F. Peters No. 2 (Book 265), 1914-1915	12	5
J.F. Peters No. 3 (Book 266), 1915	12	6
J.F. Peters No. 4 (Book 267), 1916	12	7
J.F. Peters No. 6 (Book 268), 1923	12	8
J.F. Peters No. 7 (Book 269), 1927	12	9
K. Deane Pock No. 2 (Book 270), 1967-1971	12	10
K. Deane Pock No. 3 (Book 271), 1971-1975	12	11
K. Deane Pock No. 4 (Book 272), 1975	12	12
R.E. Reilly No. 1 (Book 273), 1919	12	13

Sub-Series 1: Survey and Computation Books

R.E. Reilly No. 2 (Book 274), 1919-1921	12	14
R.E. Reilly No. 3 (Book 275), 1920-1922	12	15
R.E. Reilly No. 4 (Book 276), 1922	12	16
R.H. Richards No. 1 (Book 277), 1926-1927	12	17
R.H. Richards No. 4 (Book 278), 1928-1929	12	18
R.H. Richards No. 5 (Book 279), 1933	12	19
R.H. Richards No. 6 (Book 280), 1934-1937	12	20
R.H. Richards No. 7 (Book 281), 1936-1938	12	21
R.H. Richards No. 8 (Book 282), 1938	12	22
R.H. Richards No. 9 (Book 283), 1938	12	23
R.H. Richards No. 10 (Book 284), 1940	12	24
R.H. Richards No. 11 (Book 285), 1940	12	25
R.H. Richards No. 12 (Book 286), 1941	12	26
R.H. Richards No. 13 (Book 287), 1949-1950	13	1

Sub-Series 1: Survey and Computation Books

R.H. Richards No. 14 (Book 288), 1952-1953	13	2
R.H. Richards No. 15 (Book 289), 1951-1952	13	3
R.H. Richards No. 16 (Book 290), 1952-1953	13	4
R.H. Richards No. 17 (Book 291), 1953-1954	13	5
R.H. Richards No. 18 (Book 292), 1955-1956	13	6
R.H. Richards No. 19 (Book 293), 1956-1957	13	7
R.H. Richards No. 20 (Book 294), 1956-1957	13	8
R.C. Robertson No. 1 (Book 295), 1938	13	9
R.C. Robertson No. 2 (Book 296), 1938	13	10
R.C. Robertson No. 3 (Book 297), 1939-1941	13	11
R.C. Robertson No. 4 (Book 298), 1941	13	12
R.C. Robertson No. 5 (Book 299), 1942	13	13
Bill Robinson No. 1 (Book 300), 1974-1979	13	14
Bill Robinson No. 2 (Book 301), 1979-1981	13	15

Sub-Series 1: Survey and Computation Books

Bill Robinson No. 3 (Book 302), 1981	13	16
Alfred Rogers No. 1 (Book 303), 1922-1923	13	17
Alfred Rogers No. 2 (Book 304), 1923-1925	13	18
Alfred Rogers No. 3 (Book 305), 1925-1926	13	19
Alfred Rogers No. 4 (Book 306), 1926-1927	13	20
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