

**Western Museum of Mining & Industry
Hills and Willis Collection**

Scope and Content

F. G Willis and Fred Hills were mining engineers in the Cripple Creek area of Colorado in the late nineteenth and early twentieth centuries. This collection has a series of accounting books from their work, along with five letter books. Two of the letter books are F. G Willis' and three were from both Hills and Willis. The collection mostly consists of calculation books that largely consist of mines in the Cripple Creek area, but also include other areas in Colorado, the Southwest Region, and Mexico. These calculation books range from 1892 to 1911.

Condition

All of the calculation books are in quite good condition. However, the binding is coming apart and needs to be handled with care. The accounting and letter books use very delicate paper and must also be handled carefully.

Box 1:

Series A: Ledgers

Account Book, 1891 – 1897

Account Book, 1897 - 1901

F.G Willis Letter Book, Nov. 1893 - Jun. 1904

F.G Willis Letter Book, July 1904 - Feb. 1914

Hills and Willis Letter Book, May 1895 - May 1896

Hills and Willis Letter Book, Feb. 1897 – Feb. 1898

Hills and Willis Letter Book, Nov. 1899 – Dec. 1900

Series B: Calculation Books

Index

Calculation Book “Granite,” 1906-1914

Calculation Book “Granite (2),” 1914-1922

Gold Coin

Dillon

Granite

Monument

Moose

War Eagle

Portland

Sangre De Christo

Modoc

Calculation Book #17

Mt Rosa Sur

Crede Mg. claims

Matzen Jno H

Anchoria Leland Group
Creede Mg. claims Areas
Mt Rosa Ditch Tie to ¼ Cor.
A-L Grace Greenwood & Chance Intersections
Colo. Land & Water Co. Reservoir No. 1
Smuggler
Gold King
Iron King
Last Effort and Big Banta
Wichita Partial Areas
Wichita Eagle

Calculation Book #18

Mt. Rosa
Emma McKinley
Jasper Avalanche
Anchoria Leland
Specimen and Lucky Gus Adverse
Mt. Rosa Ditch
Mountain Boy
Trail Big Banta
Eclipse
Granite
Climax & Axtet
Wichita
American Girl
Manitou

Calculation Book #20

Anchoria Leland Group 7
Chicago & Cripple Creek Group
Short Stop Foggy conflict
Wichita
Manitou
Wichita Partial Areas
Wichita & Missouri Placer
China & Axel
Johnson & Fireaway Lode
Silver Bell No. 1
Camilla
Bob Tail No. 2
Henry Coby – Wichita

Calculation Book #28

Summit Adverse
Spicer
O.R.C
Ana May & Kittie Land Adv.
8725 J.M.F

Benn Harrison
8723 Scalene
Buckeye loc.
Index No. 2 loc.
8759 Canadian Lightfoot
Blue Stocking adv. of Rosaria & Cyclone
Mohican 8787
Worlds Desire

Calculation Book #29

8714 Silver Bell
Devil's Own
Axtel 8021
Pikes Peak & Garfield 7801 & 7818
Pearl Macy 8815
X10U8
Surplus Fraction
Chicago Girl
Phisific and Ocean
Geneva & Game Cock conflict
Black Diamond am'd 7862
Surplus Fraction Excluded Tract
Clyde & Rigi Descriptions

Calculation Book #31

Portland Underground
McClure
Gansing 8911
Mitchell
Ben Harrison 8762
Big Z & Austerlitz 8634
Clyde 8985
American Star
Snow Storm
Flying Dutchman
Cedar Hill

Calculation Book #32

Fairview checking
Dead Shot
Page-Place of Fashion
Worlds Desire vs. Lulu Conflict
First Nat. Lode
Creek Bottom 9013
King Solomon 9024
New Moon
Polar Star
Anna J 9047
California Adverse

Cripple Creek Placer adverse
Trail Underground

Box 2:

Calculation Book #33

Oxford Loc.
Four Queens 8897
Worlds Desire adv. of Yucatan
Buckeye 8929
Ellen McGregor & Rob Roy 8938
Q.E.D. location
Mohican vs. 8768 Hallett & Hamburg
Louisana & Bonnie Nell conflict
Jolly Tar 9060
Tecumseh 9061
Great Eastern 9094
Louisville 9135
Midget Et. Al. lodes

Calculation Book #34

Free Silver
Modoc Lode Loc.
Lucky Corner 9209
Nellie Sanborn
Colo. City adv. Bloomington
Colo. City adv. Aluminum & Lone Star
Colo. City Am. Sur. 9633

Calculation Book #35

National Belle
Bulls Eye
Hussy Fraction 9256
Little Treasure adv. J.E.B.
Oxford
Littler Treasure 11633

Calculation Book #36

Portland Gold Mg. Co. Group
Portland 8082
Bob Tail
Hidden Treasure
Scranton area
Doubtful
Baby Ruth
Bob Tail & Anna Lee
White
House & S. line Doubtful

Calculation Book #37

T.E.M.O.M.J 9188
Sunset or Poor Mans Extension

St. Louis Tunnel & Kurie Amended
Conundrum
Ella B. Silver State
Hoosier Boy Am. Cert. 9949
Little Eva 11285
Balleratt Adverse
Return Calc. to cut off
Lillie Temony underground
Walker & Butler Shaft

Calculation Book #39

Moses Placer
Milton
Lollie
Eaton & Eaton
Cecil
Gold Park Placer Adv. 10753
Manitou 7999 Am.
Columbia 14573

Calculation Book #40

Reform adv. Los Angeles Su.
Champion
Tommy Crews & Dandy
Champion & Viola conflict
Irish Molly Ellen McGregor & R.Roy
Cripple Creek Placer description
Big Joker
Little Dessie & Gittisburg
Edith H.

Calculation Book #41

Portland
Queen Sec.
Doubtful & Hidden Treasure conflict
Anna Lee “ “ “
Portland “ “ “
Scranton & Doubtful
Anna Lee & Vanadium
Lost Anna
Captain
Bobtail No.2
Hidden Treasure & White House & Captain
Agnes No.1
Portland underground
Bobtail No.3
Modah
Black Diamond

Calculation Book #42	<p>New Moon adverse Little Anna Rooney Emma D Cedar Hill Little Willie & Catalpa Columbia vs. Goldsmith Oxford – Cricket Benton Compromise Catalpa Oxford Leora V. Settlement Nunda Loc. Oxford – American Man Settlement</p>
Calculation Book #43	<p>Trilby location 9486 Direct vs. Gold Knob Bison – Oakland 9797 Cleopatra adv. Gold Bug Marie Mac Favorite Dump</p>
Calculation Book #46	<p>Gilt Edge 9513 Enterprise Adverse 9359 Flying Dutchman adverse 9613 Lucky Dick Gee Mema & Jolly Tar 10557 K.C.K. Big Indian 11350 Flying Dutchman Mopta Carlo Captain J. Lode</p>
Calculation Book #48	<p>Hobo 8380 Sherman Sur. No. 9563 Perhaps Loc. Silver Bell Reform adverse Benny 9495 Prodigal Son 9912 New Market adverse June Blizzard Triangle Am'd June Blizzard Itmica Tunnel</p>
Calculation Book #49	<p>Total Wreck 9548 First National 9561 Jo Dandy Mineral Point 9921 Strong Ext. Blue Bird Black Hawk adverse Total Wreck Moses Lode</p>

Fannie Campbell
O.K. and New Zaland
Pueblo-Fanny Hardy tract
King Solomon 13634
Monticello

Calculation Book #50

Sherman
Cardinal 17682
Directly Lode Dudley
Hattie May vs. 9339 Abundance
Chicago Adverse Morning Star
Theresa underground work
Purser
Dewey Park 14864
Pullin & May
W.P.N. 7676
Arapahoe 8640
Colo. Century
Pride of Cripple Creek
Forest Queen Trespass
Montrose Trespass

Calculation Book #51

Specimen underground
Golconda
Iron Duke
Gold Flats
Ethel
Gold Hill
Solid Muldoon
Baby P adverse Daisy
Jessie May 10359
Leonard
Yankee Girl
Tawana
Mohican
Elk Horn
Ruby
Lafayette

Calculation Book #52

Gold Pass
Julia May
Faithful 10656
Spring Day location

Calculation Book #53

Monarch
Mane Pearl

Lookout 8833
Albany Tun. Site
Oro
Ottawa adverse
May Flower adverse Dead Rabbit 10810
Neptune
May Flower
Rosie Lode
Mabel S (Lucky Strike)

Calculation Book #54 Anna May & Kittie Lane Settlement
Granite Hill
Iceland Placer 9866
Metropole Tunnel Site
Rhyolite King etal.
Telephone
Mattie Hill & Gertie B
May Queen Underground
Vulture Amended Sur.

Calculation Book #55 Black Monder No. 2
Page Group 10397
Profidence 11761
Sparta Field Book 168
Emperor

Calculation Book #56 6th Level Stations
Milton
Be D Strong
Burns Shaft
Portland 500 level

Calculation Book #58 Wantanga 10027
Contact 10090
Bohemian Lode
Queen of Sheba 10655
Apex 8178
Wedge location
Colo. Boss
La Veta
Wedge adverse Baltimore
LaBelle adverse Summit Park
La Veta Look Out Boy
Nene Nona
Wichita 8014 Areas

Calculation Book #60
Old Work Pikes Peak Grouse
Garfield West Line or Universal Rock
GrouseStar
New Iceland
Grouse Mines
Millie W.E. end tract
New Discovery tract
Shentoff Star
American Eagle Mineral Rock Surface

Calculation Book #61
St. Elmo Group
Anora Shaft
Fort Wilcox
Little May
Wheeler Group
WRW Ditch
Prince adverse Keeley
Granite Mountain
Oklahoma 8192
Northern Light
Strip Caldwell Fraction
Roxanna Group

Calculation Book #62
Virginia Group
Minnie Belle 9892
Silver Bell
August location
Mar location
Athens Standard 10906
Alpha
North Star Adverse 10635
Jumie Lund Valley Vein
Grace Arthur
Robert Burns No. 8245
Carbonate Queen
Stevens Tunnel
Eclipse Tunnel
Oliver Winze
Eclipse
Sunset Tunnel
Battle M.
Oliver Shaft

Calculation Book #63
Diana Group
Granite 12363
Cripple Creek Placer

	Imp Lode Sleepy Jack Area E Porter Gold King
Calculation Book #64	Theresa Underground Tatman Shaft Christman Underground Dolly Arden Underground Ophelia Tunnel
Calculation Book #65	Forest adverse Wazee 9516 K.C.K. Park Group First National location Urania Adverse Spring Day Cyclone Clipper Shamrock Forest lode Ready Cash Patent
Calculation Book #66	Fort Wilcox 10180 Golconda La Flata Dor Ores & Vulture Pinto Lease Orphan Bell Trespass E Line Burns Burns Rising Sun Trespass Vulture Amd Purser Maude N.F.H Tip Top
Box 3:	
Calculation Book #67	Happy Boy Emily Group Monroe Location LaSalle location Dearborn Nichego Placer Edith H 13113 Aurora Columbia Zrolite Bloomington
Calculation Book #68	Ark. Maud

Defender
Eaton 10941
Excelsior Heircus lease
Ada B
Blunder
Dodger
Robert E. Lewis Group 13239
Gatch Mill Site
Wonder lode location
Gold Stadard No. 1-4
Virginia No. 1 + 2
Gold Ridge No. 1
Little Richard
Bessie T
Anna P
Twin Sisters
Areas 13239
San Francisco 10432
Orpha Nell
Sullenberger Reservoir

Calculation Book #69

Nellie Sanborn& King Solomon 9370
May Owen Grand View
Famous 12387
Waterloo 12438
Florence
Clyde Mine
LeClair
Colo. Boss
Caranza
Vista Grande

Calculation Book #70

Defender 10178
Corral B 10815
Rose Bud Placer
Triangle 9951
Hillside 9348
Anna J
Mountain Queen
Big John & Little John
Monta Carlo
Little Frank S
Legal Tender
Hiwanian adverse
Golden Fleece
Katherine

	<p>Strong-Portland triangle Parfet Group Dead Horse Overlooked Crozier Phil Sheridan lode Winsi Tinsi 10110 Area</p>
Calculation Book #72	<p>King Solomon lode 9024 Anna May 8898 Uinta Tunnel Little Man Ocean Wave Crown Point 11680 E Porter Gold King Deadwood & Pauper Shertloff No.2 Findley Minne Belle & Hull Cy Little Jim Victor Mine Court Steel Smith Closing King King & Main Vindicator Atlanta</p>
Calculation Book #73	<p>Mary Alice 8711 F.CC Mt Rosa, Adams & Rosa Lee Eaton Ready Cash Bill Nye Gold Bond Co. Caledonia Alpha & Omega</p>
Calculation Book #75	<p>World's Fair Placer Los Angelos – Six Points Klondike Lucky John N.F.H Dead Pine</p>
Calculation Book #77	<p>“Ajax in case A-6-7”</p>
Calculation Book #79	<p>Sunset Group Dewey Placer</p>

	Golden Income Group Copper King Chick Gold Dollar Hummer No. 1
Calculation Book #81	Lonaconing Lease Report Elkton Water Free Coinage Co. Pinto Burns Wilson stope Orphan Bell Carper shaft Mercer shaft Deadwood No.1 Burns Shurtloff
Calculation Book #83	Bruner Work Square Compass Gold Dawn Group Coos Country Oregon Christmas 8899 Sounol & Triangle Duceley Sarah B Placer Gracie M Group
Calculation Book #85	Strong Meridian Portland Four Queens Independence No. 2 Bal. Chapsens Dillon Mine Adams & Jefferson J Jolly Tar Fortune Colorado City & Los Angeles joint Portland Group
Calculation Book #86	Jack Pot Work Boyd Creston Co. Trespass Mary McKinney
Calculation Book #89	Tom Meridian Last Dollar Conflict American Star Tract Total Wreck Lowell

Vanadium Wind Tract
Mary Alice
Black Diamond
Four Queens
Tidal Wave
Monument N
Blue Stocking & Rosario
Morse Groups
Modak
Rex
Hidden Treasure W.
Monarch
Agnes No.1
Lizzies May W
Scranton E
Independence
Lowell
Delta
Blue Stocking
Queen of the Hills and Bobtail No. 2
Burns

Calculation Book #90 Independence – Nothing in folder

Calculation Book #92 Lustre Mine, Mexico

Calculation Book #93 Lustre Mine, Mexico

Calculation Book #94 Abe Lincoln
Ajax
American Eagles
Anchoria Leland
Blue Bir
Blue Bell
Chicago & CC
Doctor Jack Pot
Dead Pine
Eclipse
El Paso Consl
Elkton
E.B. Tunnel
Findley
Gold Coin
Golden Cycle
Good Will
Gold King

Independence Consolidated
Isabella
John A. Logan
Last Dollar
Lillie
Mable M
Mary McKinney
Midget
Midd Elevations
Moon Anchor
Morning Glory
Modoc
Newell
Ophelia
Orpha May
Ontario
Portland
Rebecca
St. Patrick
Strong
Standard
Uintah
Vindicator
Wild Horse
Zenobia
Zoe
Mountains
Springs
List of Shafts
Pumping to date

Calculation Book #95

Mary McKinney
Ross Lease Stopes
Mollie Gibson
Henry Adney ore reserves
Old Gold 4th
Mary Nevin
C. K. & N.
Columbia or Australian Tunnel
Old Gold
El Paso 6th
Craig Ramsey Trespass on Chicken Hawk

Calculation Book #96

Gold Coin
State Bank Timber Land
Pride of Cripple Creek

	Whitmore Crystal Peak King – Cahill – Hall et al.
Calculation Book #97	Pegleg No. 1 Group Mary A & Ella W 8675 Zoe G. M. Co. St. Thomas Echo Mining and Leasing Co. Raven & Beacon Co. Commonwealth or Star Little Nell Requa Savage Mabel M
Calculation Book #100	“Ajax In Case 6-6”
Calculation Book #101	Dexter Hanover 8525 Portland Drainage Adit. Dante Underground 8 th level P.G.M
Calculation Book #105	Dead Pine Upper Granite Monument Dillon
Calculation Book #106	The Mammoth Mine Trinchera Estate Columbus Mine La Plata Columbine E.B.F. location Deadwood 8107
Calculation Book #111	Gould Gregory Mohican Gold Sovereign War Eagle Sheriff New York Tunnel Amanda Twin Sisters Happy Year
Calculation Book #112	Ophir Mine

	Fluorine Wilson Ranch lines
Calculation Book #113	Crested Butte Canon City
Calculation Book #116	Golden Wedge M.G. Davenport & Eliz Elizabeth Cooper Peggy Ophelia Dr. J.P. Jack Pot New Work Raven Lucky Corner Dolly Varden Carlton Riasas Anaconda Mill
Calculation Book #118	Section 34 Sarah B Congregational Lode Little Hawk First Chance Wichita lode Londonderry Co. Hall et al.
Calculation Book #120	Rosevelt Placers
Calculation Book #122	Isabella – Nothing inside
Calculation Book #142	Mary McKinney T & G Tunnel Howard Ailein
Calculation Book #147	M.E. White
Calculation Book #150	Mary McKinney G.M & Co. Upper Anaconda Tunnel