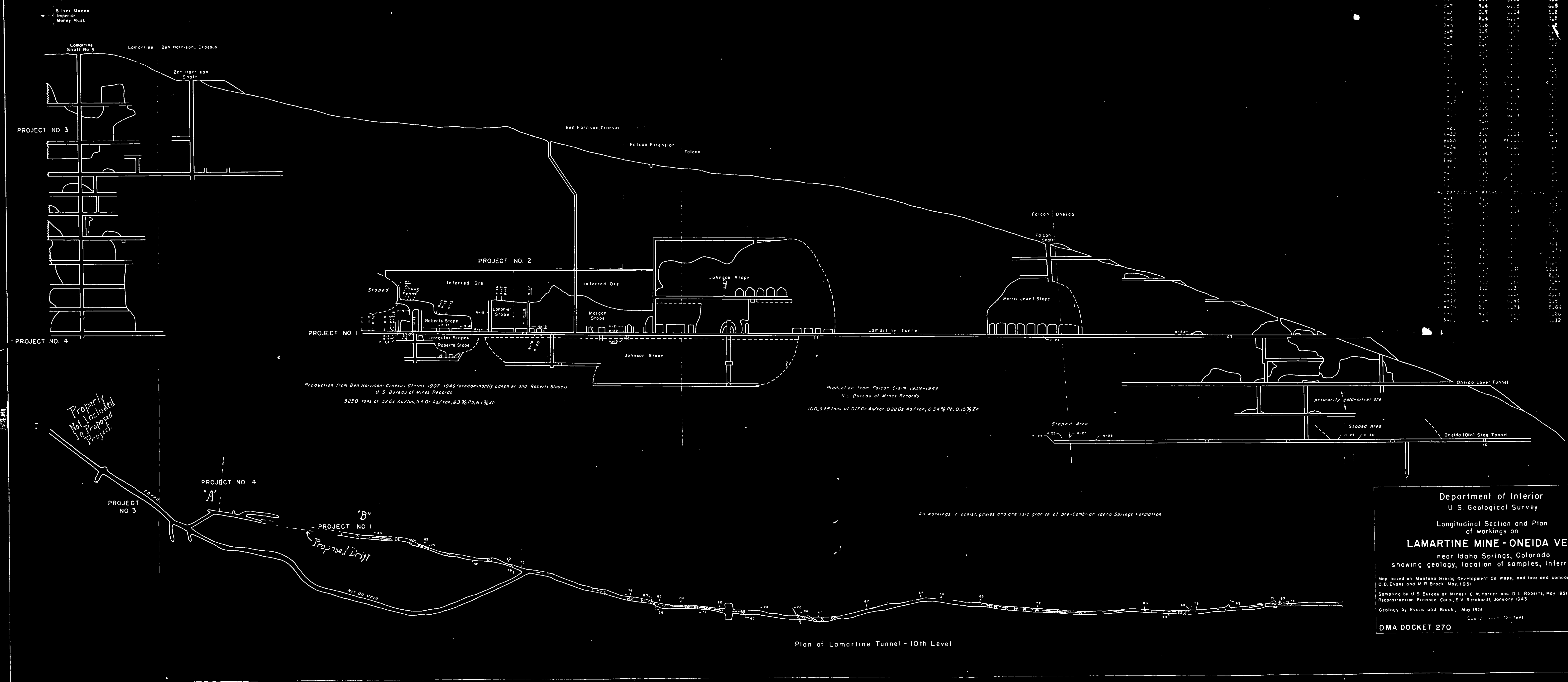


Department of Interior
U.S. Geological Survey

Longitudinal Section and Plan
of workings on

LAMARTINE MINE - ONEIDA VEIN

near Idaho Springs, Colorado
showing geology, location of samples, Inferred Ore

Map based on Montana Mining Development Co maps, and tape and compass survey by O.D. Evans and M.R. Brock May, 1951

Sampling by U.S. Bureau of Mines: C.M. Harrer and D.L. Roberts, May 1951, and Reconstruction Finance Corp., E.V. Reinhardt, January 1943

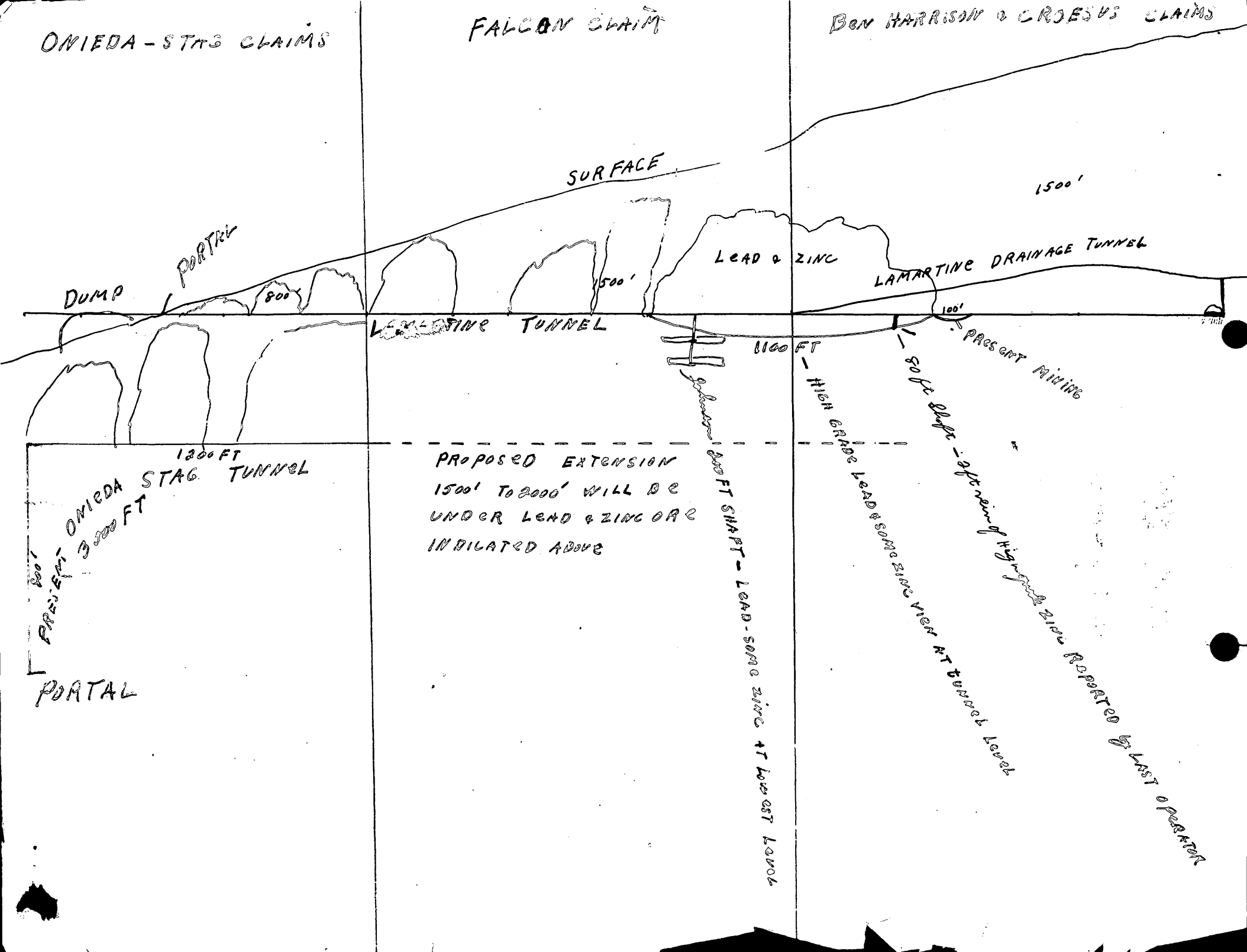
Geology by Evans and Brock, May 1951

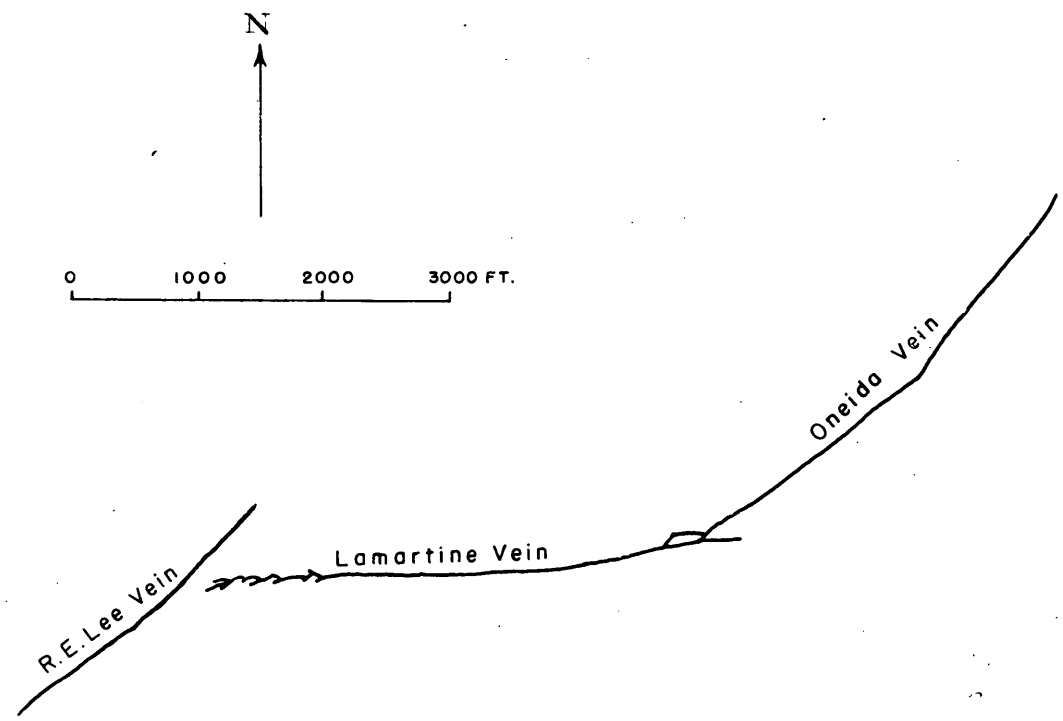
DMA DOCKET 270

Figure 3

SAMPLES

Sample No.	Width	Oz Au/ton	Oz Ag/ton	%Cu	%Pb	%Zn
U. S. Bureau of Mines, C. M. Harrer & D. L. Roberts 5/31/51						
H-1	6.0	[illegible]	0.5	0.05	[illegible]	[illegible]
H-2	3.4	[illegible]	0.8	[illegible]	[illegible]	[illegible]
H-3	0.7	[illegible]	1.2	<0.05	[illegible]	[illegible]
H-4	2.4	[illegible]	[illegible]	<0.05	[illegible]	[illegible]
H-5	1.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
H-6	[illegible]	[illegible]	[illegible]	[illegible]	1.15	[illegible]
H-7	[illegible]	[illegible]	[illegible]	0.12	[illegible]	2.40
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
H-22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
H-23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
H-24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Reconstruction Finance Corp., [illegible] 1/43						
[illegible]	[illegible]	[illegible]	[illegible]		3.15	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]		5.40	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	8.20
[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	22.10
[illegible]	[illegible]	[illegible]	[illegible]		7.60	[illegible]
[illegible]	[illegible]	[illegible]	.12		[illegible]	[illegible]


ONIEDA - STAG CLAIMS
FALCON CLAIM
BEN HARRISON & CROESUS CLAIMS
SURFACE
1500'
PORTAL
DUMP
800
500'
LEAD & ZINC
LAMARTINE DRAINAGE TUNNEL
100'
LAMARTINE TUNNEL
1100 FT
PRESENT MINING
HIGH GRADE LEAD & SOME ZINC VEIN AT TUNNEL LEVEL
80 ft Shaft - 2 ft vein of High grade zinc REPORTED BY LAST OPERATOR
1200 FT
ONIEDA STAG TUNNEL
3700 FT
PRESENT
PROPOSED EXTENSION
1500' TO 2000' WILL BE
UNDER LEAD & ZINC ORE
INDICATED ABOVE
800 FT SHAFT - LEAD - SOME ZINC AT LOWEST LEVEL
PORTAL

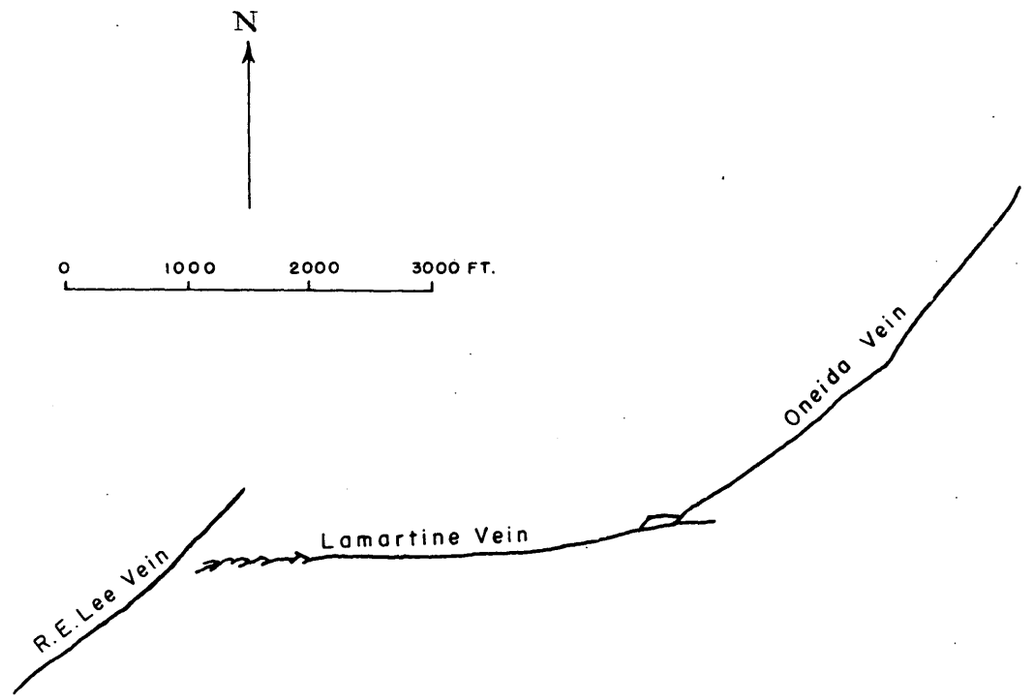


Department of Interior
U. S. Geological Survey

Generalized Horizontal Plan of Veins
in the
LAMARTINE MINE
Clear Creek County, Colorado

Adapted from U.S.G.S. Professional Paper 63

DMA Docket 270 Figure 4

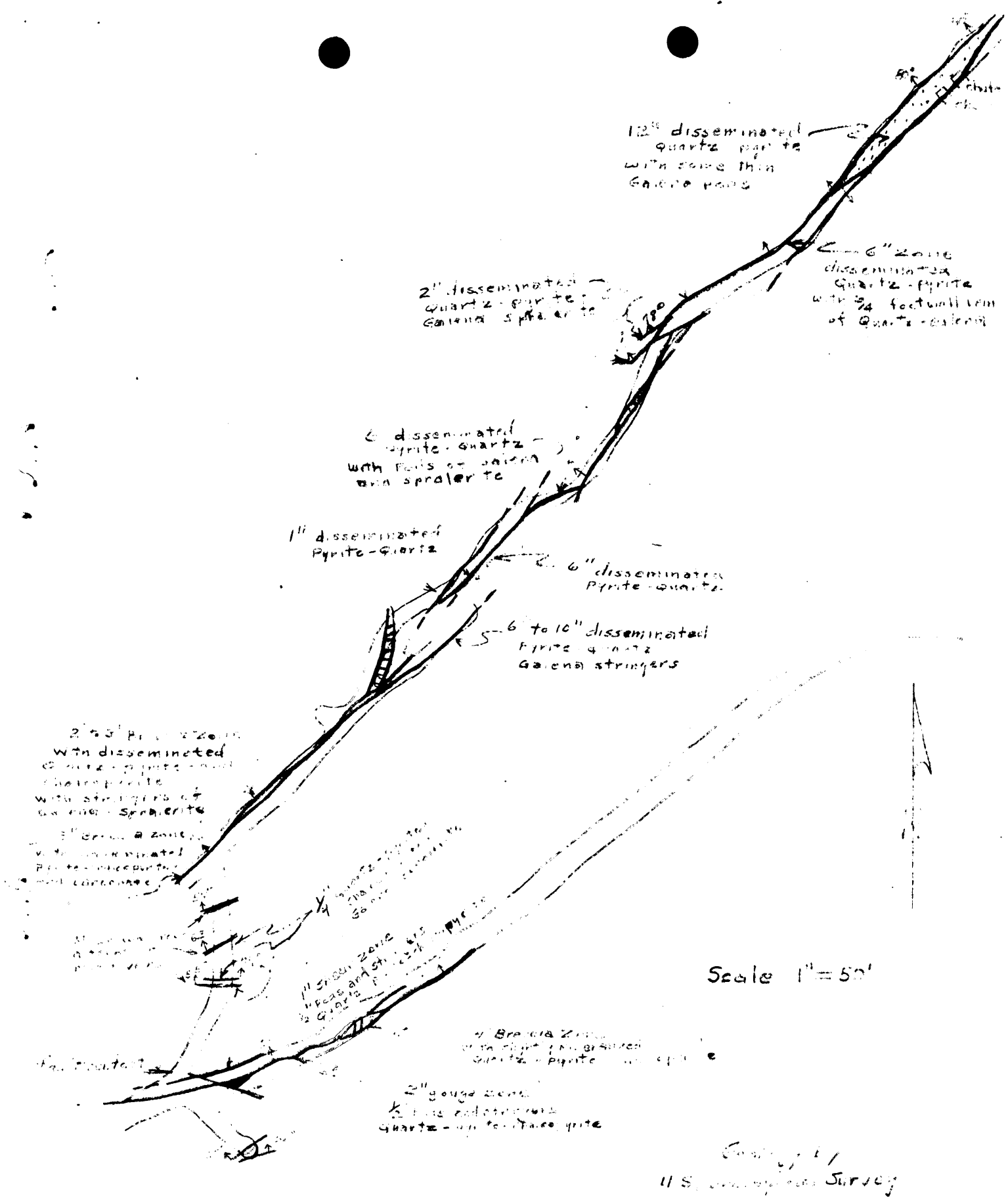


Department of Interior
U. S. Geological Survey

Generalized Horizontal Plan of Veins
in the
LAMARTINE MINE
Clear Creek County, Colorado

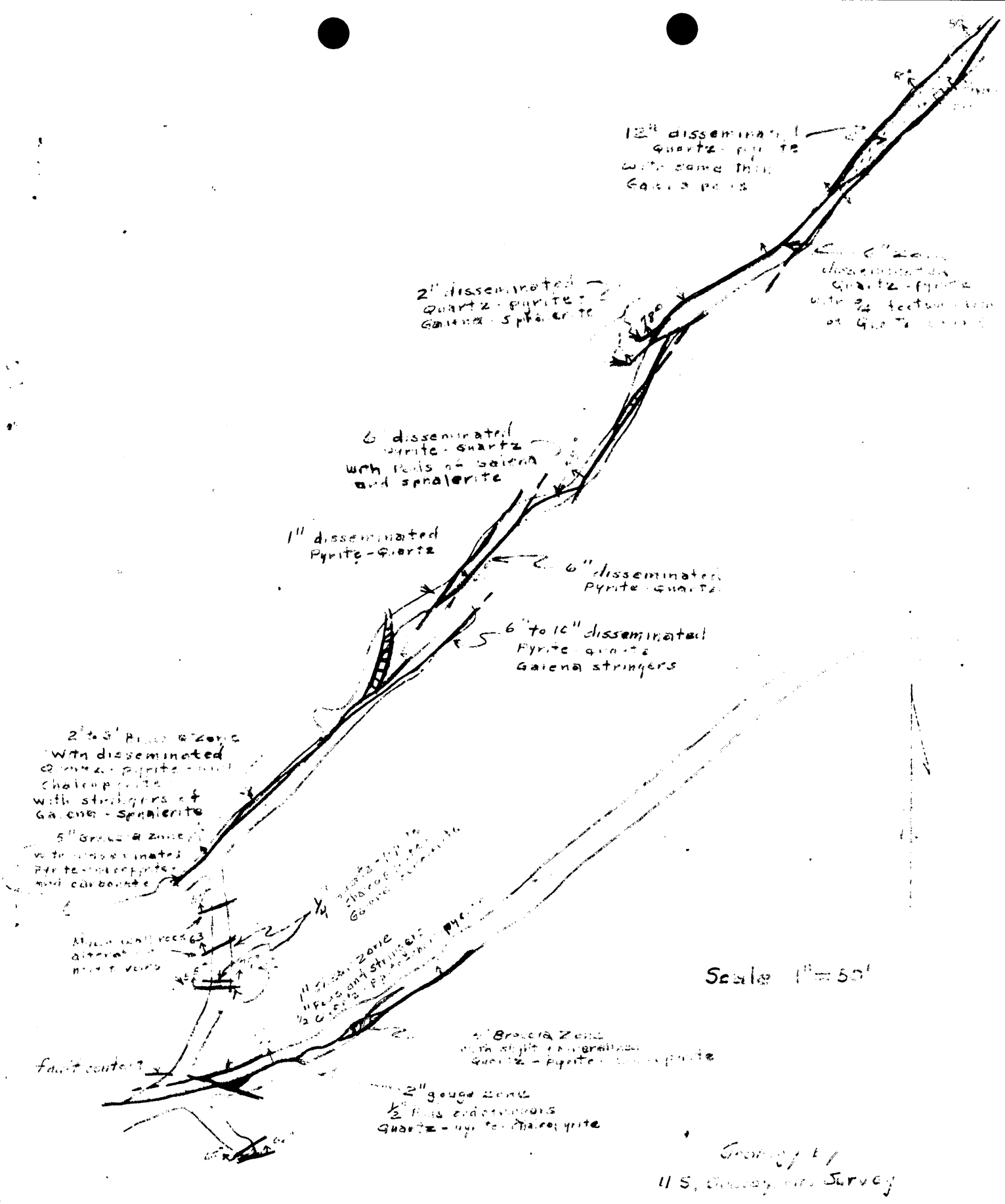
Adapted from U.S.G.S. Professional Paper 63

DMA Docket 270 Figure 4



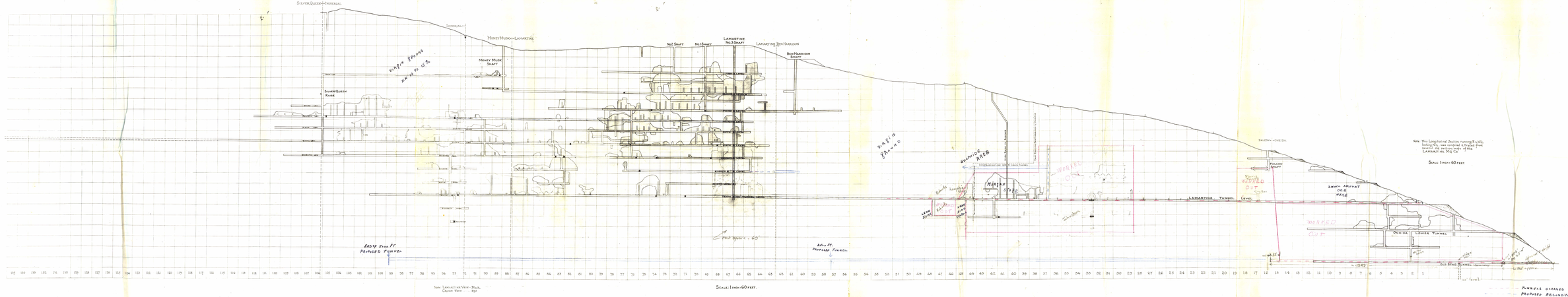
DMA 270

Fig 2 LAMARTINE MINE CLEAR CREEK CO. COLORADO



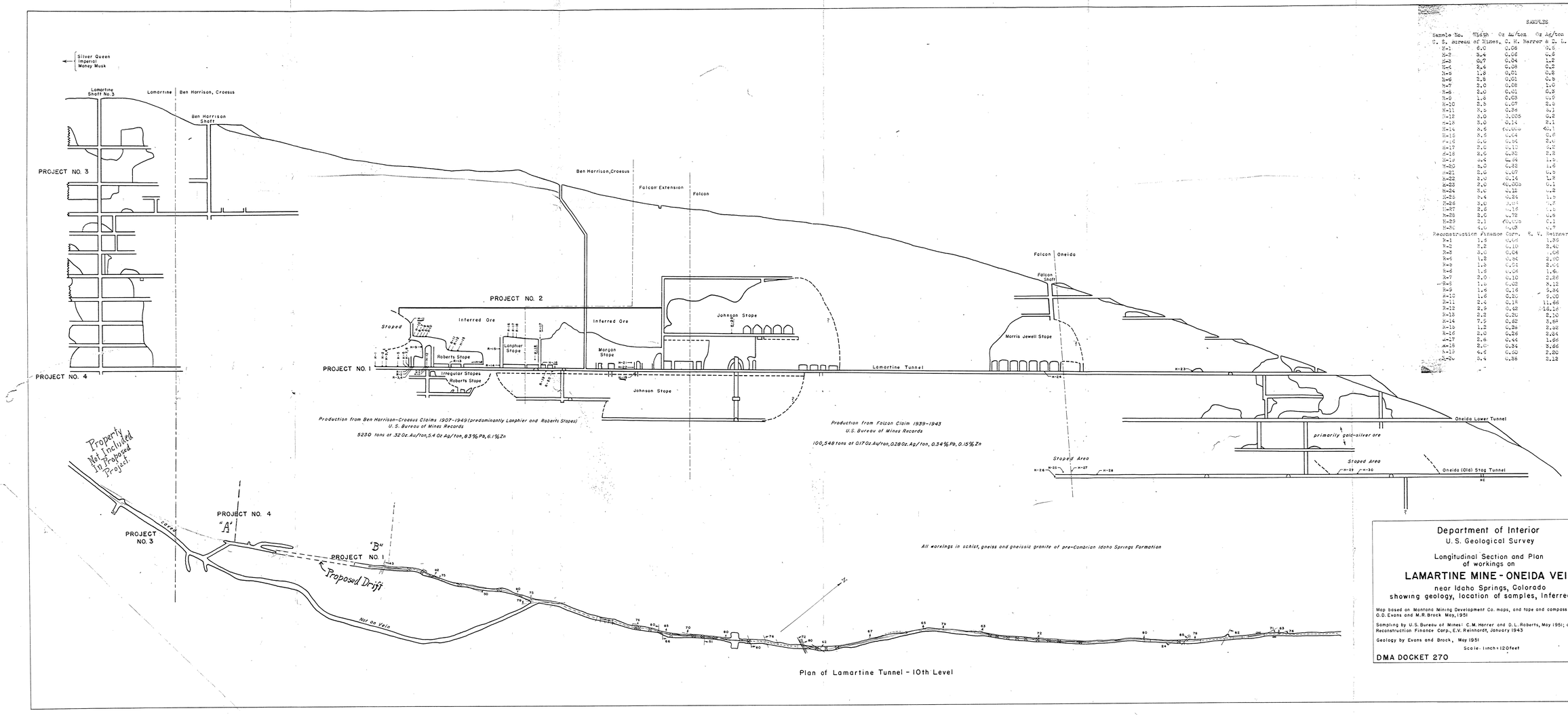
DMA 270

Fig 2 LAMARTINE MINE CLEAR CREEK CO. COLORADO



Note: This Longitudinal Section, running E. & W., looking N., was compiled & traced from Plans in the Sec. Dept. of the Lamartine Mig. Co.

Scale: 1 inch = 60 feet.



SAMPLES

Sample No.	Width	Oz Au/ton	Oz Ag/ton	%Cu	%Pb	%Zn
U. S. Bureau of Mines, C. H. Harrer & D. L. Roberts 5/31/51						
H-1	6.0	0.06	0.5	0.05	0.1	0.95
H-2	3.4	0.02	0.6	<0.05	1.05	0.15
H-3	0.7	0.04	1.2	<0.05	18.50	0.10
H-4	2.4	0.08	0.2	<0.05	0.10	0.05
H-5	1.8	0.01	0.8	<0.05	0.10	0.05
H-6	2.8	0.01	0.5	<0.05	1.15	1.70
H-7	2.0	0.08	1.0	0.12	1.30	3.40
H-8	2.0	0.01	0.8	<0.05	<0.10	0.15
H-9	1.8	0.03	0.9	<0.05	0.45	0.10
H-10	2.5	0.07	2.5	0.36	3.85	1.50
H-11	3.5	0.06	2.1	0.25	13.60	1.45
H-12	3.0	0.005	0.2	<0.05	0.20	0.30
H-13	3.0	0.14	2.1	0.22	2.85	3.20
H-14	2.6	<0.005	<0.1	<0.05	<0.10	0.20
H-15	3.5	0.04	0.6	<0.05	1.0	0.65
H-16	3.0	0.04	2.0	0.22	7.20	3.40
H-17	2.0	0.10	4.2	0.17	11.00	3.20
H-18	2.0	0.02	2.2	0.29	9.10	6.00
H-19	2.4	0.04	1.5	<0.05	9.10	9.00
H-20	3.0	0.02	1.6	0.27	5.50	2.00
H-21	2.0	0.07	0.5	0.13	1.95	2.30
H-22	3.0	0.14	1.2	0.20	4.90	1.90
H-23	2.0	<0.005	0.1	<0.05	0.70	0.10
H-24	3.0	0.12	0.2	<0.05	<0.10	0.15
H-25	2.4	0.24	1.7	0.16	0.20	0.05
H-26	3.0	0.04	1.7	<0.05	0.30	<0.05
H-27	2.8	0.16	0.5	<0.05	0.40	0.25
H-28	2.0	0.72	0.9	0.05	0.25	0.15
H-29	2.1	<0.005	0.1	<0.05	<0.10	0.20
H-30	4.0	0.08	0.7	<0.05	0.10	0.15
Reconstruction Finance Corp., E. V. Reinhardt 1/43						
R-1	1.3	0.45	1.26		0.15	0.55
R-2	3.2	0.10	2.40		3.95	4.10
R-3	2.0	0.04	1.56		5.00	2.00
R-4	1.8	0.34	2.10		14.70	10.75
R-5	1.5	0.04	2.04		9.40	9.05
R-6	1.8	0.08	1.54		5.85	2.40
R-7	2.0	0.10	2.26		3.70	2.70
R-8	1.0	0.02	3.12		0.75	1.60
R-9	1.5	0.15	5.54		11.90	11.05
R-10	1.8	0.20	9.00		9.55	4.40
R-11	2.0	0.15	11.66		14.80	24.50
R-12	2.5	0.42	16.14		19.50	22.10
R-13	2.2	0.20	2.10		1.90	3.80
R-14	7.5	0.82	3.64		9.40	13.10
R-15	1.2	0.38	2.92		10.10	10.80
R-16	2.0	0.26	2.64		7.20	8.20
R-17	2.5	0.44	1.66		9.20	22.10
R-18	2.0	0.34	3.66		7.60	5.80
R-19	4.5	0.60	2.20		8.80	11.40
R-20	5.4	0.38	2.12		9.40	4.80

Department of Interior
U. S. Geological Survey

Longitudinal Section and Plan of workings on

LAMARTINE MINE - ONEIDA VEIN

near Idaho Springs, Colorado
showing geology, location of samples, Inferred Ore

Map based on Montana Mining Development Co. maps, and tape and compass survey by O.D. Evans and M.R. Brock May, 1951

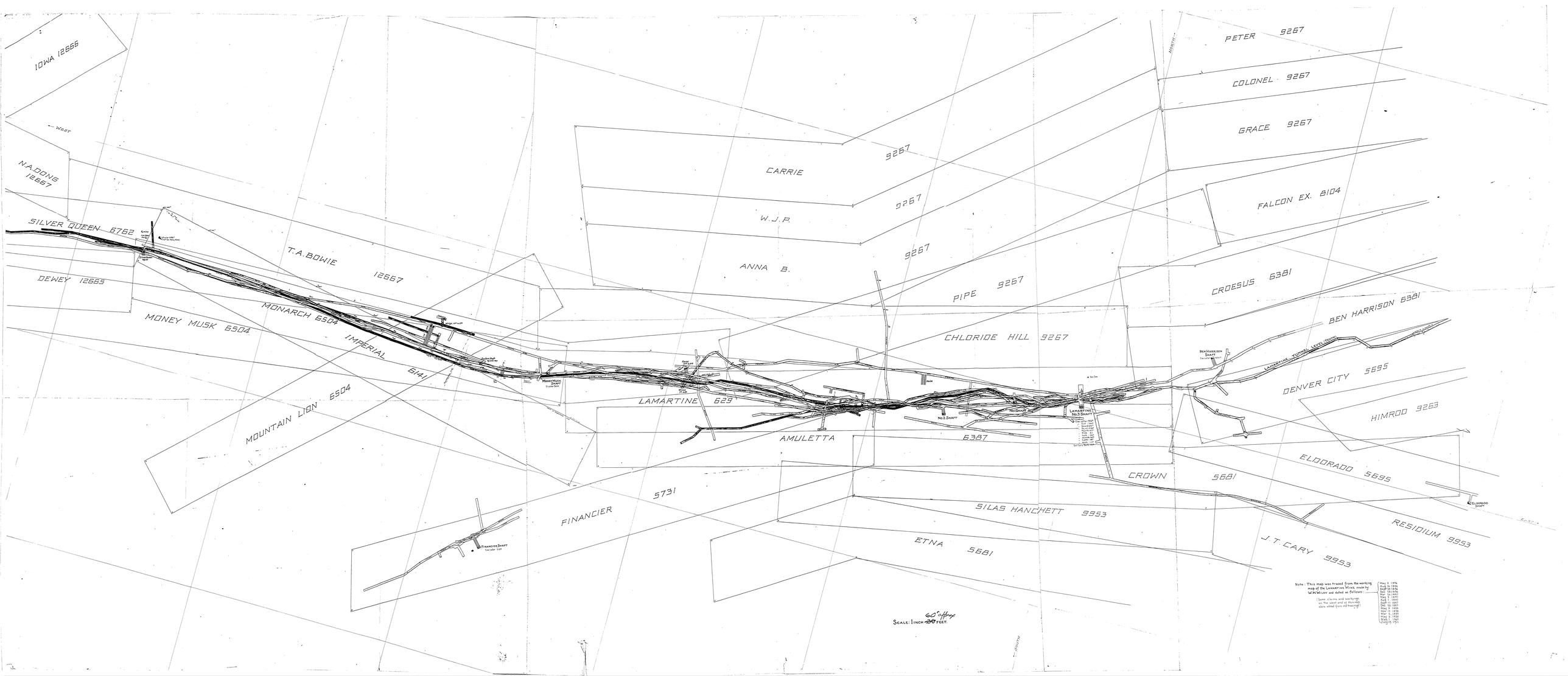
Sampling by U.S. Bureau of Mines: C.M. Harrer and D.L. Roberts, May 1951; and Reconstruction Finance Corp., E.V. Reinhardt, January 1943

Geology by Evans and Brock, May 1951

Scale: 1 inch = 120 feet

DMA DOCKET 270

Figure 3


IOWA 12666
WEST
NADONG 12667
SILVER QUEEN 6762
T.A. BOWIE 12667
DEWEY 12665
MONARCH 6504
MONEY MUSK 6504
IMPERIAL 6141
MOUNTAIN LION 6504
MONEY MUSK SHAFT
LAMARTINE 629
FINANCIER 5731
FINANCIER SHAFT
AMULETTA 6387
No. 2 SHAFT
No. 1 SHAFT
LAMARTINE No. 3 SHAFT
CARRIE 9267
W. J. P. 9267
ANNA B. 9267
PIPE 9267
CHLORIDE HILL 9267
SILAS HANCHETT 9953
ETNA 5681
CROWN 5681
PETER 9267
COLONEL 9267
GRACE 9267
FALCON EX. 8104
CROESUS 6381
BEN HARRISON 6381
BEN HARRISON SHAFT
LAMARTINE TUNNEL LEVEL
DENVER CITY 5695
HIMROD 9263
ELDORADO 5695
ELDORADO SHAFT
RESIDIUM 9953
J. T. CARY 9953
NORTH
SOUTH
Note: This map was traced from the working map of the LAMARTINE Mine, made by W. H. McLEY and dated as follows:
[Some claims and workings on the east end of this map were added from old tracings.]
May 2, 1896
Aug 31, 1896
Sept 25, 1896
Dec 31, 1896
Mar 31, 1897
May 31, 1897
Jun 30, 1897
Sept 30, 1897
Dec 31, 1897
Mar 31, 1898
Mar 31, 1899
Mar 31, 1900
Mar 31, 1901
Mar 31, 1902
Aug 15, 1951
SCALE: 1 inch = 60 feet.

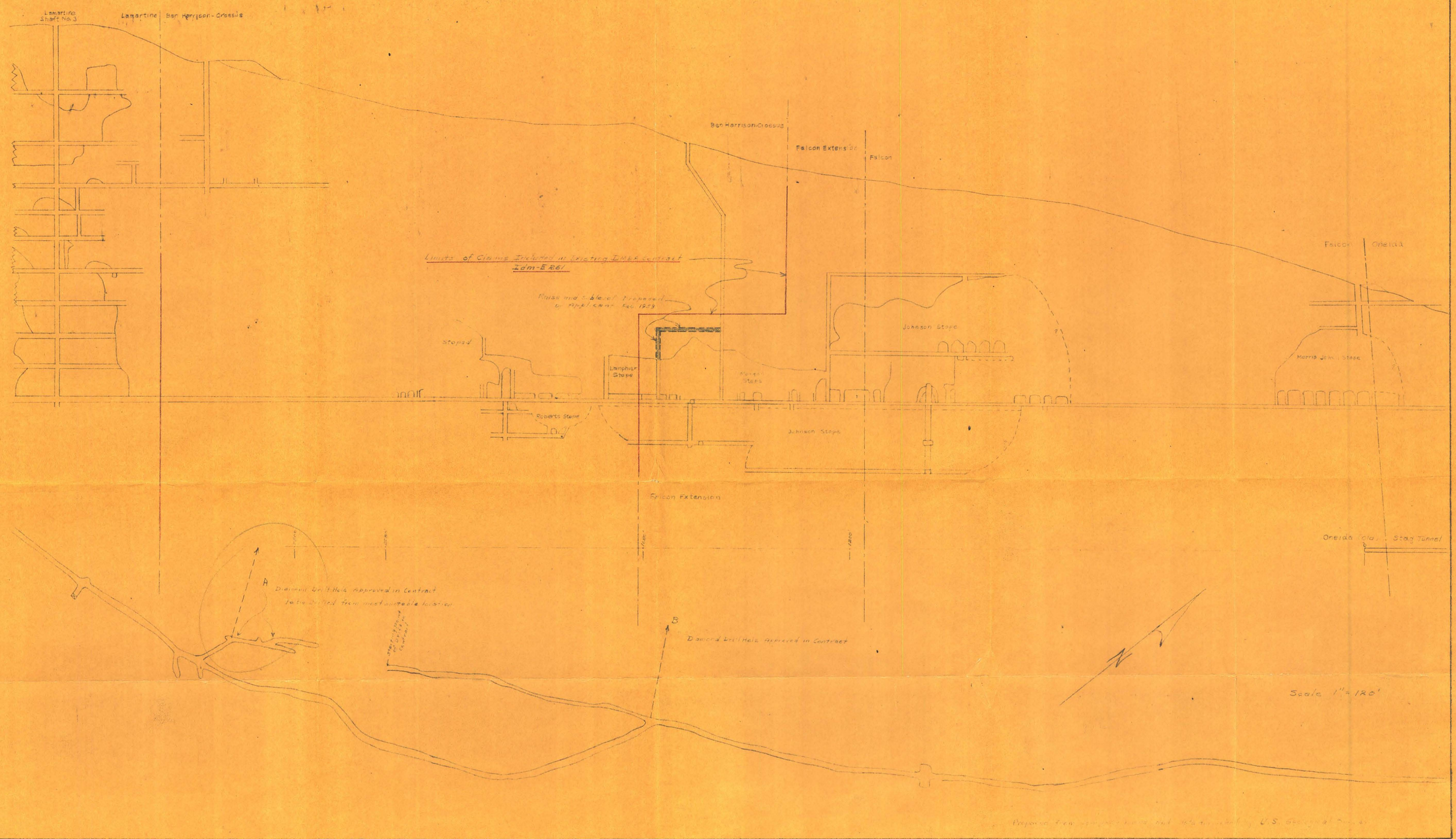
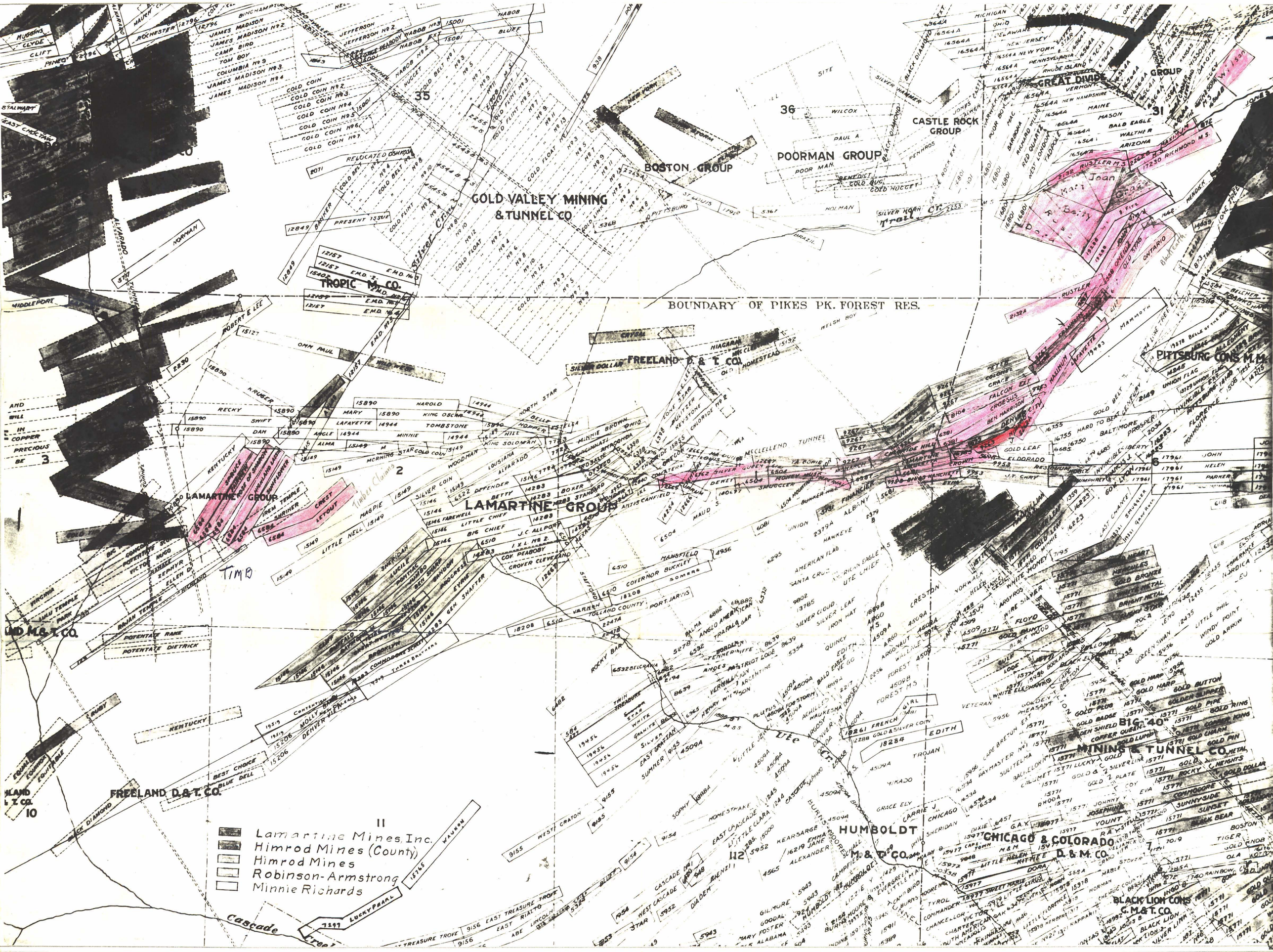


FIG. 1 LAMARTINE MINE CLEAR CREEK COUNTY, COLORADO DMA 210


BOUNDARY OF PIKES PK. FOREST RES.
GOLD VALLEY MINING & TUNNEL CO
BOSTON GROUP
POORMAN GROUP
CASTLE ROCK GROUP
GREAT DIVIDE GROUP
TROPIC M. CO.
FREELAND D. & T. CO.
LAMARTINE GROUP
HUMBOLDT M. & T. CO.
CHICAGO & COLORADO D. & M. CO.
BLACK LION CONS. C. M. & T. CO.
PITTSBURG CONS. M. M.
MINING & TUNNEL CO.
Silver Cross
Trail Ct.
Ute Cr.
Cascade Creek
Lamartine Mines Inc.
Himrod Mines (County)
Himrod Mines
Robinson-Armstrong
Minnie Richards

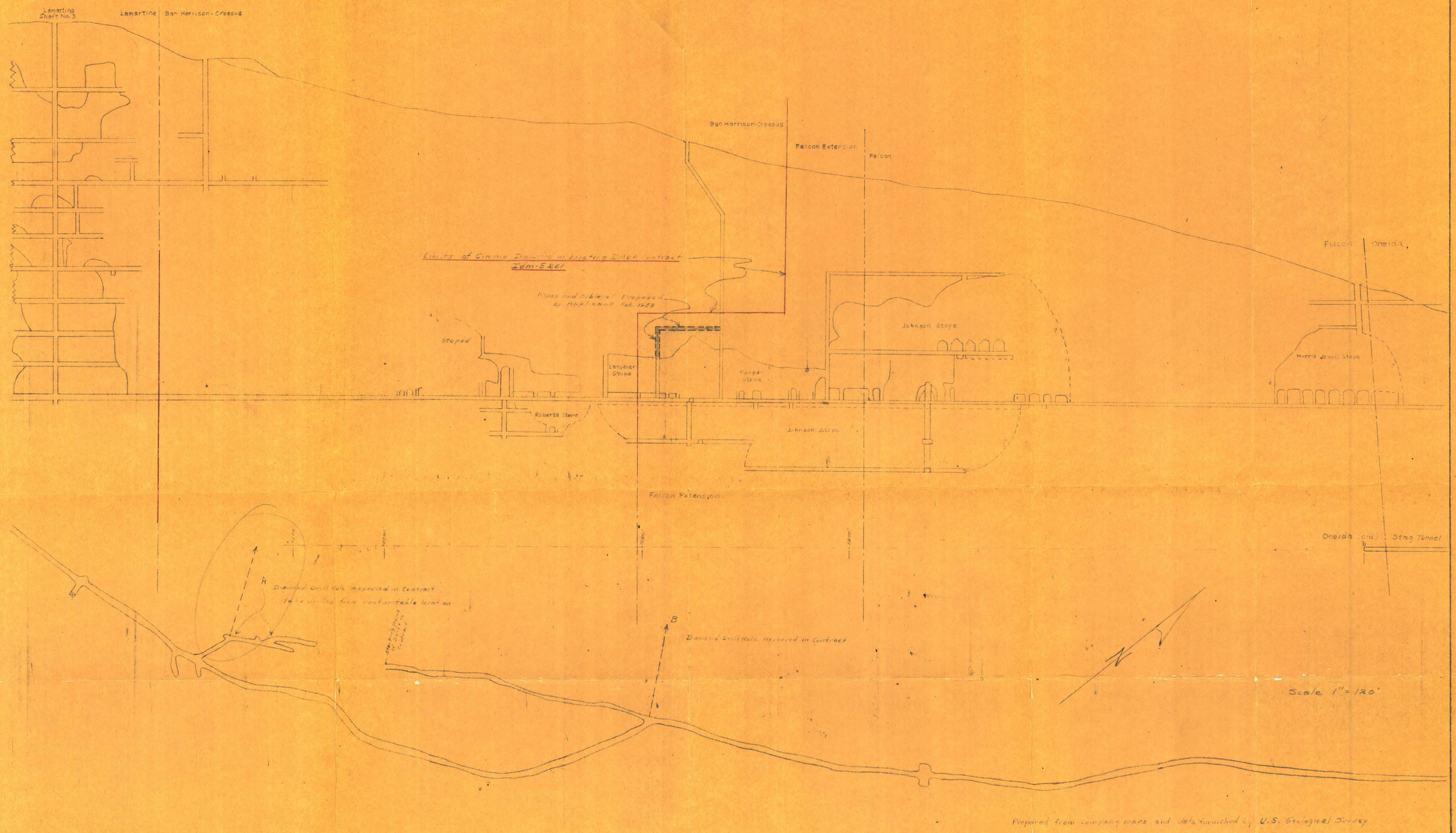
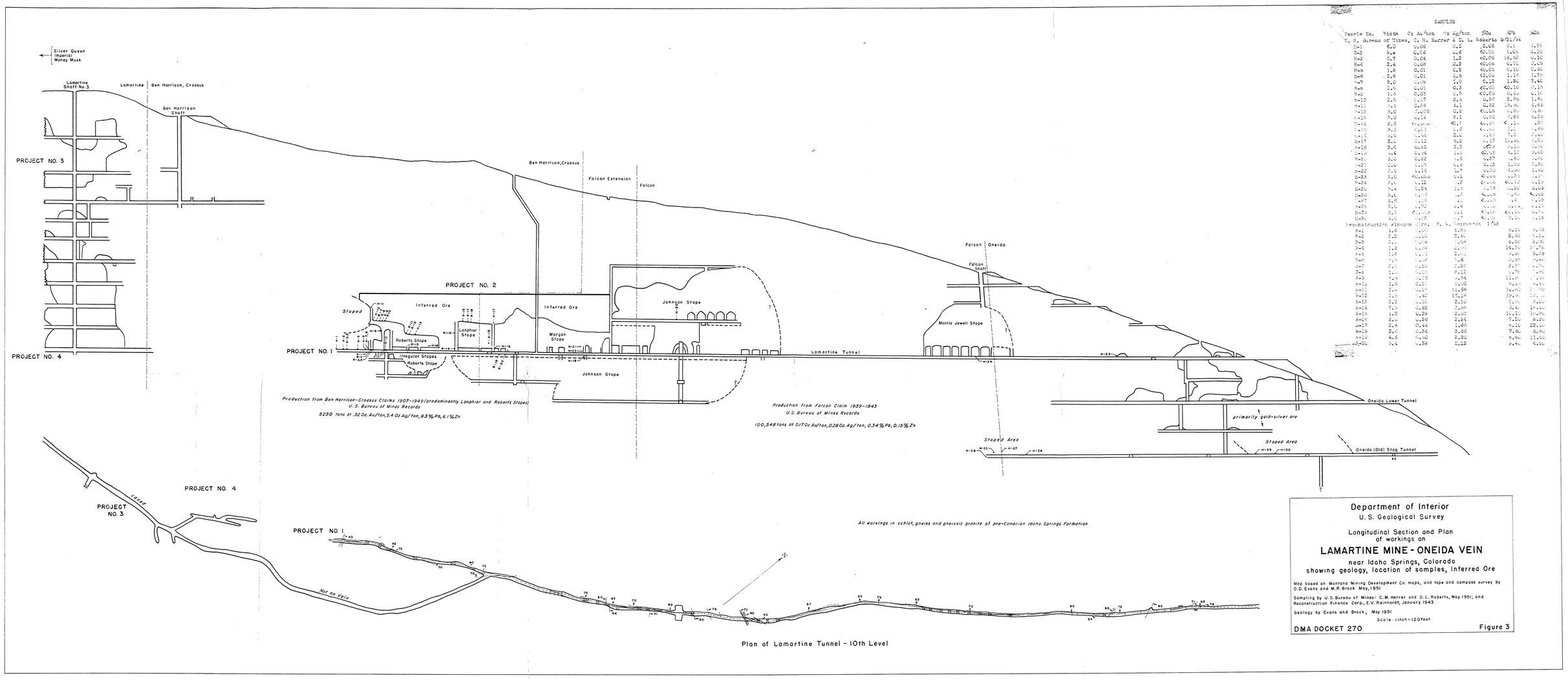


FIG. 1 LAMARTINE MINE CLEAR CREEK COUNTY, COLORADO DMA 270



SAMPLES

Sample No.	Width	Oz Au/ton	Oz Ag/ton	%Cu	%Pb	%Zn
U. S. Bureau of Mines, C. M. Herrer & D. L. Roberts 5/31/51						
H-1	6.0	0.06	0.6	0.08	0.1	0.90
H-2	3.4	0.06	0.8	<0.05	1.05	0.10
H-3	0.7	0.04	1.2	<0.05	16.50	0.10
H-4	2.4	0.08	0.2	<0.05	0.15	0.05
H-5	1.8	0.01	0.2	<0.05	0.10	0.80
H-6	2.8	0.01	0.6	<0.05	1.15	1.70
H-7	3.0	0.09	1.0	0.12	1.30	2.40
H-8	2.0	0.01	0.3	<0.05	<0.10	0.10
H-9	1.8	0.03	0.4	<0.05	0.40	0.10
H-10	2.5	0.07	2.0	0.32	2.85	1.80
H-11	4.0	0.24	3.1	0.22	13.40	4.60
H-12	4.0	0.05	0.2	<0.05	0.20	0.20
H-13	3.0	0.14	2.1	0.22	4.85	5.20
H-14	2.6	<0.05	<0.1	<0.05	<.10	.20
H-15	4.0	0.01	0.8	<0.05	.10	0.50
H-16	3.0	0.05	0.0	0.21	7.0	0.30
H-17	2.4	0.12	0.6	0.17	11.00	0.20
H-18	2.0	0.02	0.2	.079	0.10	0.30
H-19	3.4	0.34	1.0	<0.05	0.10	0.00
H-20	3.0	0.22	1.0	0.37	1.80	0.20
H-21	2.0	0.07	0.8	0.13	1.00	0.30
H-22	7.0	0.19	0.7	0.20	0.90	1.70
H-23	2.0	<0.05	0.1	<0.05	0.05	.07
H-24	3.1	0.12	.2	<0.05	<0.10	0.10
H-25	3.4	0.24	1.2	0.15	0.20	0.60
H-26	3.1	0.03	.7	<.05	.20	<.05
H-27	2.8	.16	.1	<0.05	.10	0.05
H-28	3.0	.72	0.9	0.10	0.10	0.20
H-29	3.1	<0.05	0.1	<0.05	<0.10	0.20
H-30	4.0	0.03	0.7	<0.05	0.10	0.10
Reconstruction Finance Corp. E. V. Reinhardt 1/43						
R-1	1.6	.05	1.00		0.10	3.40
R-2	3.0	.10	2.40		3.80	4.10
R-3	3.0	1.04	1.04		2.60	2.20
R-4	1.2	0.24	2.00		14.70	17.70
R-5	1.8	1.01	2.00		3.40	3.40
R-6	1.0	1.00	1.6		2.00	7.40
R-7	2.0	0.10	2.80		3.70	2.70
R-8	1.0	0.03	7.12		.70	1.00
R-9	1.7	0.18	0.74		11.00	1.00
R-10	1.8	0.20	1.00		3.00	4.60
R-11	2.4	0.14	11.56		14.80	2.00
R-12	2.7	1.42	10.18		19.4	[illegible]
R-13	2.3	0.32	2.10		1.70	6.20
R-14	7.0	0.62	3.64		3.40	10.10
R-15	1.2	0.24	2.02		10.10	11.20
R-16	2.0	0.26	2.04		7.20	8.20
R-17	2.0	0.44	1.86		9.10	22.10
R-18	2.0	0.34	3.68		7.60	5.80
R-19	4.0	0.30	2.20		3.50	11.60
R-20	3.4	0.38	2.12		3.40	4.60