DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

DEFENSE MINERALS ADMINISTRATION
DOCKET NO. 129

Folio containing composite map of underground workings, 100, 200, 300 and 400 levels.

UNDERGROUND WORKINGS, GEOLOGY, AND ASSAY PLANS

DACOTAH MINE

SEC. 28, T. 14 N., R. 8 E., CASCADE COUNTY, MONTANA

NEIHART MINING DISTRICT

Compiled from maps of Bennett Mining Company
Mapping of new workings on 200 and 400 levels, April, 1951, by:
Elton A. Youngberg and Willard P. Puffett, U.S. Geol. Survey
Sample in 400 level face:
Eric G. Erickson, U.S. Bur. Mines

EXPLANATION

50
Contact, showing dip
(Dashed where inferred)

50
Fault, showing dip

65
Shear zone, showing dip

Mineralized shear zone

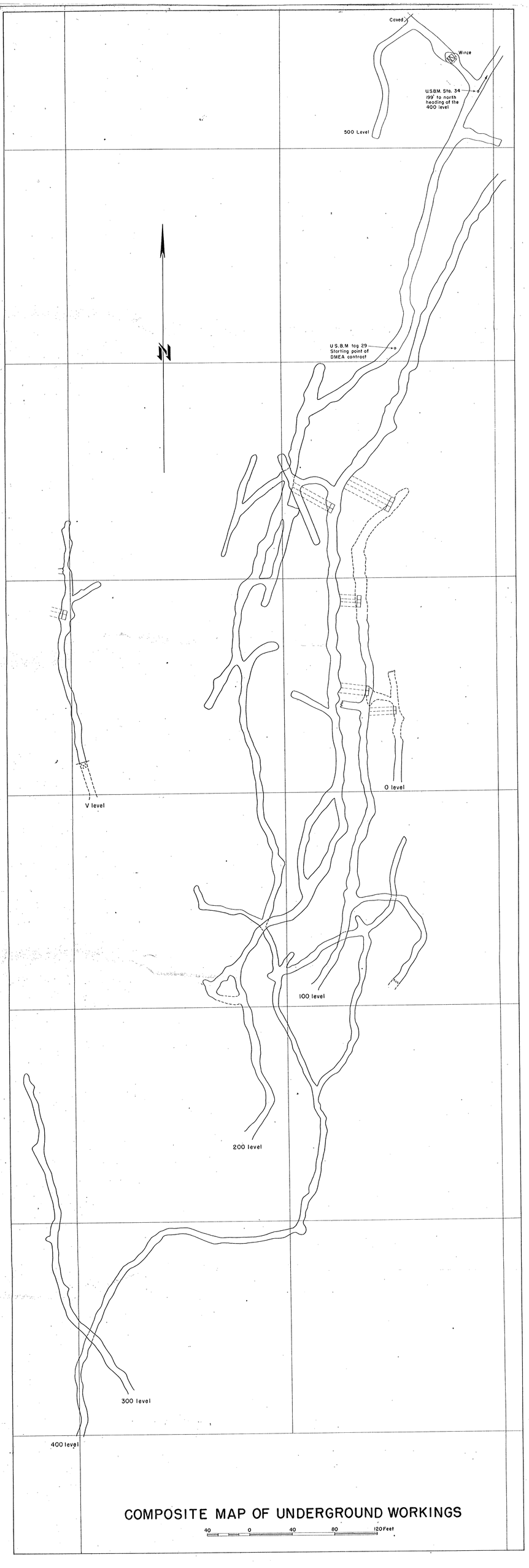
62
Mineralized vein, showing dip

Raise

Chute

101 A
Survey stations

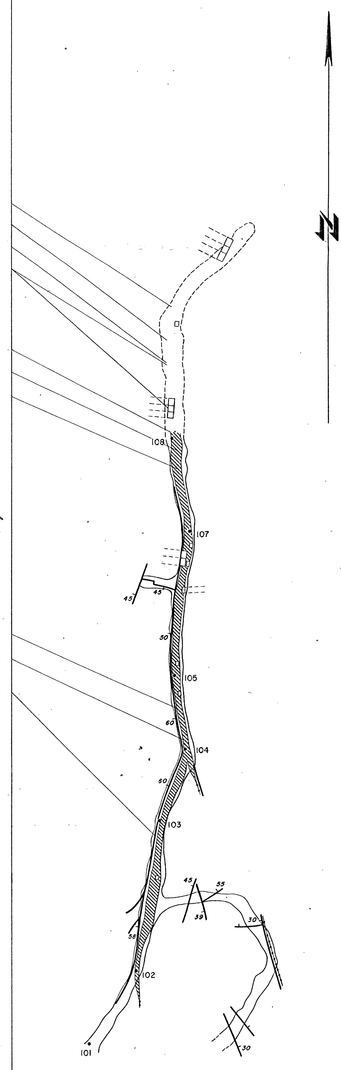
Filled workings



COMPOSITE MAP OF UNDERGROUND WORKINGS

A S S A Y S

NO	WIDTH FEET	AU OZ	AG OZ	PB %	ZN %
107	3.0	0.01	4.0	1.8	7.6
106	4.0	0.02	5.0	4.6	4.3
105	2.0	Tr	1.7	1.0	4.9
104	5.0	0.01	4.4	4.4	13.2
103	9.0	Tr	1.0	0.8	8.0
102	10.0	0.005	2.1	1.0	9.1
101	10.0	Tr	2.0	1.6	16.2
D149	5.5	0.02	3.2	1.7	8.0
D148	5.0	0.01	2.9	0.9	3.6
D147	6.0	0.02	5.2	7.6	13.3



100 LEVEL

40 0 40 80 120 Feet

ASSAYS

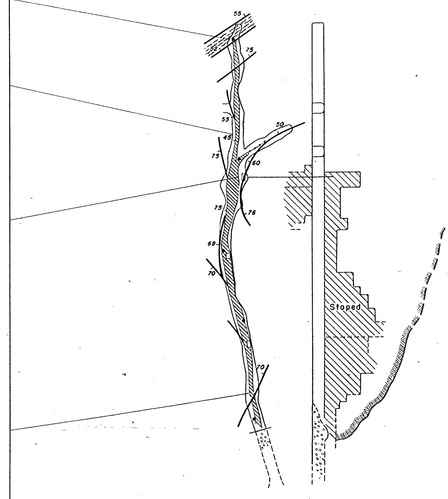
NO	WIDTH FEET	AU OZ	AG OZ	PB %	ZN %
D	3.0	Tr	7.1	1.0	1.1
C	1.3	Tr	5.1	0.4	1.6
31	2.3	0.04	6.2	0.2	1.6
30	2.0	0.02	4.4	0.2	2.1
29	2.0	0.12	12.0	---	---
28	4.0			0.5	2.6
27	4.0	Tr	1.8	0.2	0.7
26	5.0	0.01	8.8	0.3	0.9
25	5.0	0.005	3.2	0.2	1.0
24	2.0	0.01	7.3	0.5	1.5
23	5.0	0.01	4.5	0.6	0.5
22	1.4	0.01	4.9	0.1	1.3
21	3.0	0.005	2.2	4.4	1.2
20	4.0	0.01	5.0	---	---
19	4.0	0.04	29.6	---	---
18	5.0	0.01	5.3	---	---
17	4.5	---	---	0.5	2.2
16	4.0	0.04	6.0	0.8	6.9
15	4.3	0.01	2.3	0.9	4.0
14	6.0	0.01	2.4	0.7	3.8
13	3.5	---	---	1.6	7.8
12	2.5	---	---	0.3	1.9
11	0.5	---	---	12.8	36.2
10	7.5	0.01	1.5	1.6	12.3
9	6.0	0.02	4.7	8.4	19.3
8	4.0	0.02	4.6	5.0	24.9
7	4.0	0.02	8.6	10.0	17.8
6	3.0	0.03	10.6	9.8	17.4
A	2.5	Tr	1.4	1.2	3.8
5	4.5	0.01	3.0	1.4	5.4
4	4.5	0.02	3.6	2.6	13.3
3	5.0	0.01	3.9	3.8	13.0
2	2.0	0.01	2.0	1.6	6.1
G588	3.1	Tr	2.0	5.0	17.5
G589	2.0	0.01	7.2	19.8	12.7
G590	2.2	Tr	0.3	0.8	2.3
G557	3.9	0.01	2.0	3.2	7.0
G558	0.9	Tr	0.2	0.2	1.4
G497	1.1	0.01	1.6	3.8	6.1
G498	1.4	Tr	0.4	0.4	2.3
G499	1.2	0.01	3.8	7.4	20.0
G500	1.4	Tr	1.2	0.4	1.8
G397	1.1	0.04	3.8	9.8	13.4
G398	0.9	0.01	2.5	1.0	3.3
G399	1.9	0.02	3.9	1.9	8.9
G400	3.6	0.01	1.4	1.2	5.0
G401	1.5	0.02	3.2	5.8	14.2
G404	1.7	0.01	2.0	2.8	13.9
G403	3.6	0.01	0.4	1.4	3.0
G402	2.7	0.02	0.9	1.0	4.0
G405	0.7	0.01	1.1	3.2	5.3
G406	1.3	0.02	3.4	2.6	12.9

200 LEVEL

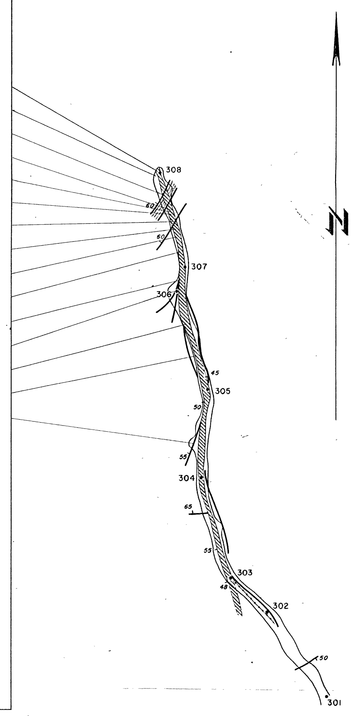
40 0 40 80 120 Feet

ASSAYS

NO	WIDTH FEET	AU OZ	AG OZ	PB %	ZN %
V1	0.8	0.02	5.8	9.4	18.9
V2	2.9	0.005	2.2	1.6	5.2
V3	0.9	0.02	2.6	11.2	4.1
V4	1.0	0.01	3.2	1.4	3.3
7	3.0	0.02	11.7	3.4	1.8
D138	3.5	0.01	0.6	0.2	1.5
D139	4.5	0.02	3.6	1.8	7.1
D141	2.0	0.01	0.9	0.4	3.6
D140	1.2	0.02	11.2	4.7	17.4
8	3.0	Tr	1.2	0.6	2.3
D142	2.3	0.01	1.6	0.4	1.1
D143	2.5	0.06	6.8	0.8	3.0
9	2.5	0.02	4.2	0.5	1.9
D144	3.8	0.01	0.6	0.2	1.2
10	6.0	Tr	0.8	0.8	1.5
D145	3.6	0.01	1.5	0.2	1.6
D146	4.2	0.01	1.5	0.2	0.8
11	4.0	Tr	2.0	0.4	1.6
12	2.0	Tr	0.4	0.8	4.3



V LEVEL



300 LEVEL

300 AND V LEVELS

40 0 40 80 120 Feet

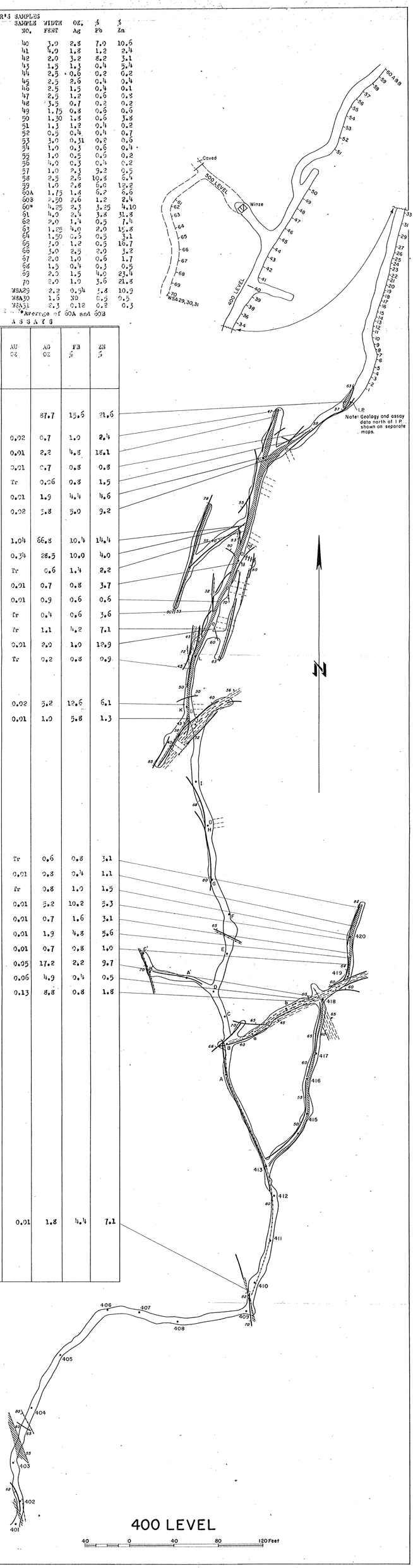
MINE OPERATOR'S SAMPLES

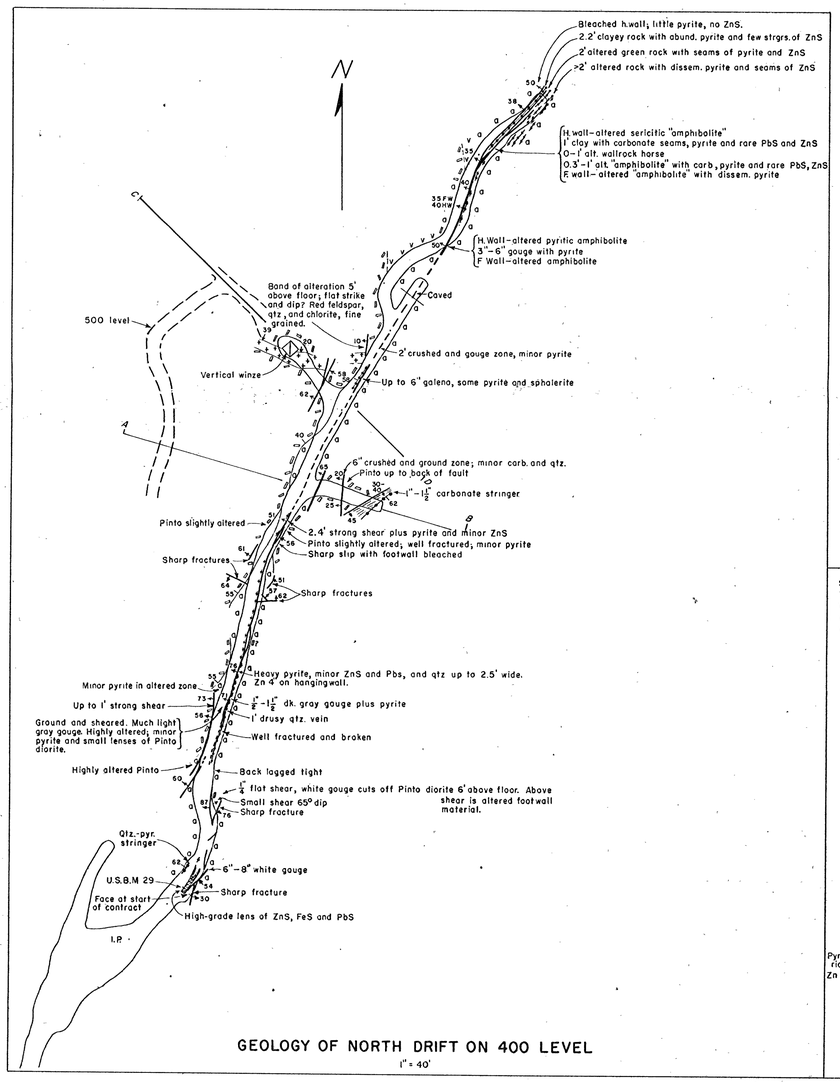
SAMPLE NO.	WIDTH FEET	OZ. Ag	% Pb	% Zn	SAMPLE NO.	WIDTH FEET	OZ. Ag	% Pb	% Zn
1	10.0	9.5	11.5	12.0	40	3.0	2.8	7.0	10.6
2	6.5	6.8	2.6	5.1	41	4.0	1.8	1.2	2.4
3	7.0	1.6	3.2	7.4	42	2.0	3.2	8.2	3.1
4	2.0	1.4	7.0	13.6	43	1.5	1.3	0.4	5.4
5	2.3	3.0	17.4	10.5	44	2.5	0.6	0.2	0.2
6	2.7	2.1	7.8	17.7	45	2.5	2.6	0.4	0.4
7	2.0	3.8	9.8	11.3	46	2.5	1.5	0.4	0.1
8	3.0	0.8	0.6	0.7	47	2.5	1.2	0.6	0.8
9	2.0	1.6	0.6	0.6	48	3.5	0.7	0.2	0.2
10	1.5	0.6	0.6	0.4	49	1.75	0.8	0.6	0.6
11	1.5	1.2	0.4	1.7	50	1.30	1.8	0.6	3.8
12	2.5	1.8	1.5	2.2	51	1.3	1.2	0.4	0.2
13	2.5	1.2	3.0	6.1	52	0.5	0.4	0.4	0.7
14	3.5	2.6	0.6	1.7	53	3.0	0.31	0.2	0.6
15	4.0	2.2	0.6	0.6	54	1.0	0.3	0.6	0.4
16	4.0	2.6	1.4	5.9	55	1.0	0.5	0.5	0.2
17	4.0	4.3	0.6	0.6	56	4.0	0.3	0.4	0.2
18	3.5	10.4	0.4	0.2	57	1.0	2.3	9.2	0.5
19	3.0	4.0	0.6	3.1	58	2.5	2.6	10.8	6.4
20	3.0	3.7	2.3	8.1	59	1.0	2.8	6.0	12.2
21	2.0	2.8	1.0	1.7	60A	1.75	1.6	6.2	6.6
22	1.3	1.7	0.6	2.0	60B	2.50	2.6	1.2	2.4
23	2.7	0.9	1.2	1.2	60*	4.25	2.3	3.25	4.10
24	3.0	3.9	5.2	6.2	61	4.0	2.4	3.8	31.8
25	4.0	1.0	3.4	1.2	62	2.0	1.4	0.5	7.4
26	3.5	3.1	0.4	0.4	63	1.25	4.0	2.0	15.8
27	4.5	1.2	0.4	1.2	64	1.50	0.5	0.5	3.1
29	2.5	2.4	0.6	0.7	65	1.0	1.2	0.5	16.7
31	3.0	3.2	0.6	0.8	66	3.0	2.5	2.0	3.2
33	4.0	1.4	0.4	4.6	67	2.0	1.0	0.6	1.7
34	2.5	0.8	0.4	0.8	68	1.5	0.4	0.3	0.5
36	1.3	0.6	0.4	1.3	69	2.0	1.5	4.0	23.4
38	1.5	0.9	0.6	1.9	70	2.0	1.0	3.6	21.8
39	2.3	0.5	0.4	0.9	WSA29	2.2	0.54	5.8	10.9
					WSA30	1.5	ND	0.5	0.5
					WSA31	2.3	0.12	0.2	0.3

*Average of 60A and 60B

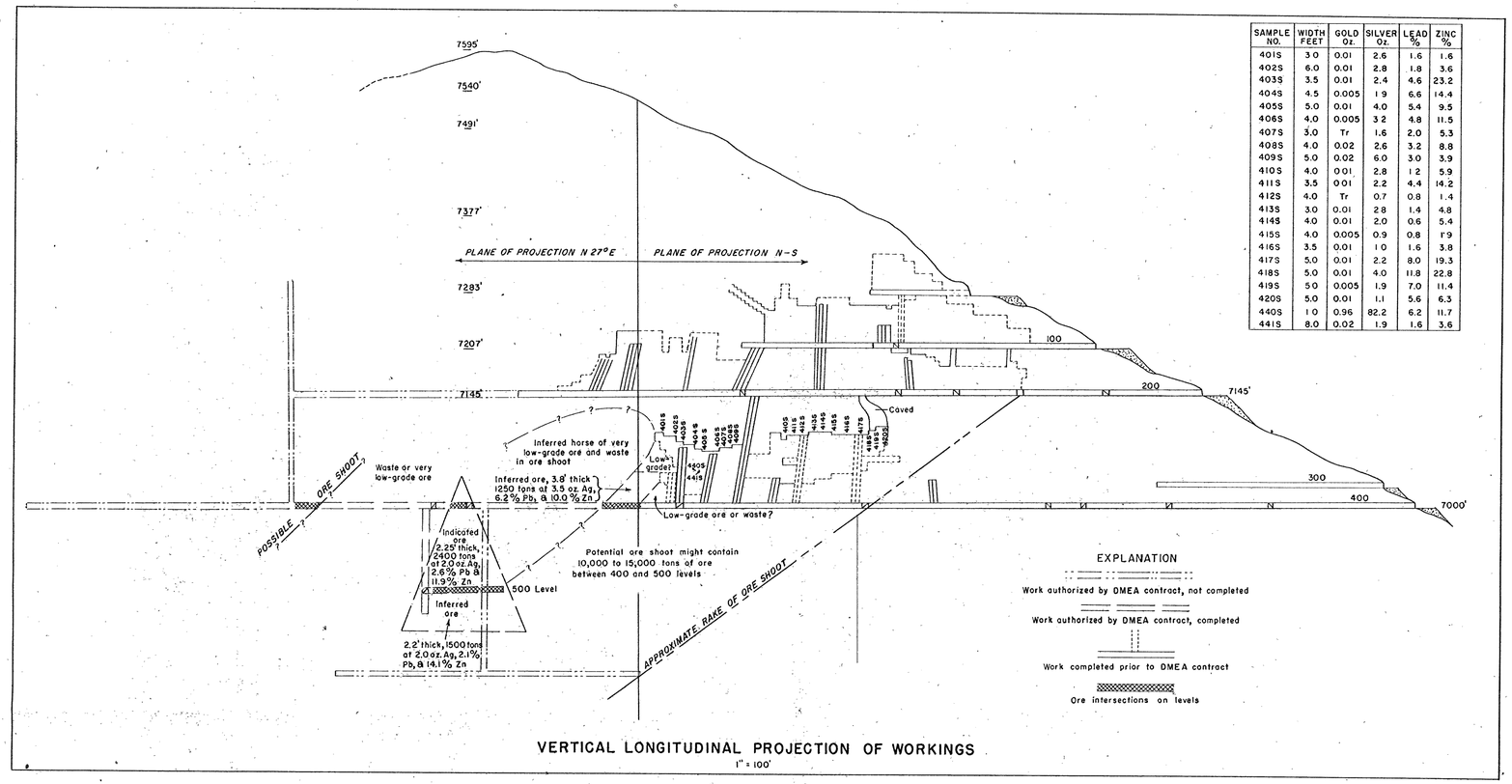
ASSAYS

NO	WIDTH INCHES	AU OZ	AG OZ	PB %	ZN %
	50		87.7	15.6	21.6
14	18	0.02	0.7	1.0	2.4
13	12	0.01	2.2	4.8	18.1
12	36	0.01	0.7	0.8	0.8
11	12	Tr	0.06	0.8	1.5
10	36	0.01	1.9	4.4	4.6
9	36	0.02	5.8	5.0	9.2
8	8	1.04	66.8	10.4	14.4
x	12	0.34	28.5	10.0	4.0
7	36	Tr	0.6	1.4	2.2
1x	8	0.01	0.7	0.8	3.7
6	38	0.01	0.9	0.6	0.6
5	30	Tr	0.4	0.6	3.6
4	18	Tr	1.1	4.2	7.1
2x	24	0.01	2.0	1.0	12.9
3	36	Tr	0.2	0.8	0.9
2	12	0.02	5.2	12.6	6.1
1	18	0.01	1.0	5.8	1.3
102	18	Tr	0.6	0.8	3.1
92	30	0.01	0.8	0.4	1.1
G417	28	Tr	0.8	1.0	1.5
82	24	0.01	5.2	10.2	5.3
72	30	0.01	0.7	1.6	3.1
G416	19	0.01	1.9	4.8	5.6
112	24	0.01	0.7	0.8	1.0
G418	18	0.05	17.2	2.2	9.7
D136	52	0.06	4.9	0.4	0.5
D137	65	0.13	8.8	0.8	1.8
122	12	0.01	1.8	4.4	7.1





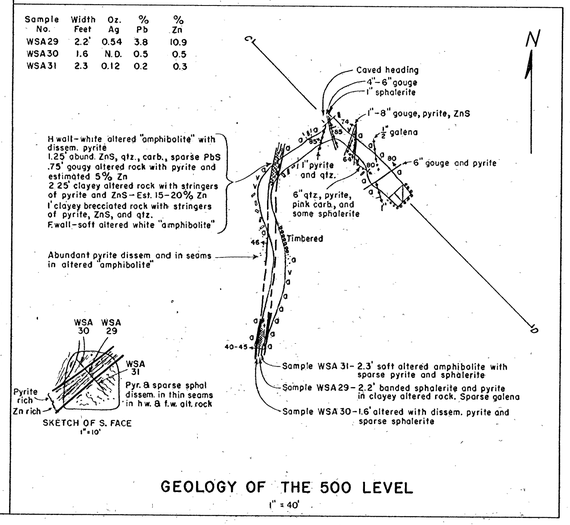
GEOLOGY OF NORTH DRIFT ON 400 LEVEL
1" = 40'



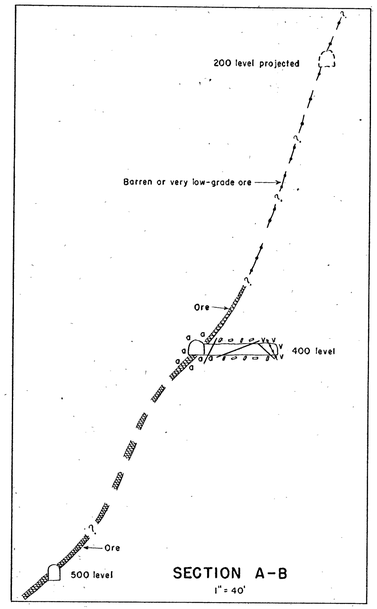
SAMPLE NO.	WIDTH FEET	GOLD Oz.	SILVER Oz.	LEAD %	ZINC %
401S	3.0	0.01	2.6	1.6	1.6
402S	6.0	0.01	2.8	1.8	3.6
403S	3.5	0.01	2.4	4.6	23.2
404S	4.5	0.005	1.9	6.6	14.4
405S	5.0	0.01	4.0	5.4	9.5
406S	4.0	0.005	3.2	4.8	11.5
407S	3.0	Tr	1.6	2.0	5.3
408S	4.0	0.02	2.6	3.2	8.8
409S	5.0	0.02	6.0	3.0	3.9
410S	4.0	0.01	2.8	1.2	5.9
411S	3.5	0.01	2.2	4.4	14.2
412S	4.0	Tr	0.7	0.8	1.4
413S	3.0	0.01	2.8	1.4	4.8
414S	4.0	0.01	2.0	0.6	5.4
415S	4.0	0.005	0.9	0.8	1.9
416S	3.5	0.01	1.0	1.6	3.8
417S	5.0	0.01	2.2	8.0	19.3
418S	5.0	0.01	4.0	11.8	22.8
419S	5.0	0.005	1.9	7.0	11.4
420S	5.0	0.01	1.1	5.6	6.3
440S	1.0	0.96	82.2	6.2	11.7
441S	8.0	0.02	1.9	1.6	3.6

VERTICAL LONGITUDINAL PROJECTION OF WORKINGS
1" = 100'

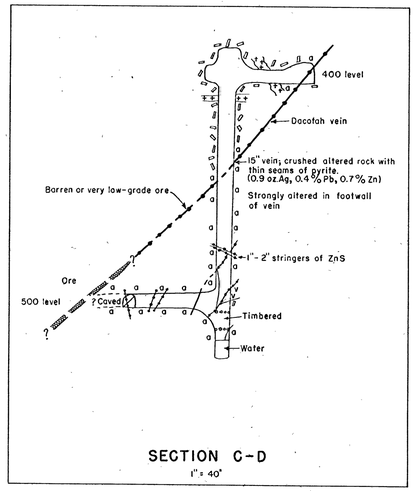
Sample No.	Width Feet	Oz. Ag	% Pb	% Zn
WSA29	2.2'	0.54	3.8	10.9
WSA30	1.6	N.D.	0.5	0.5
WSA31	2.3	0.12	0.2	0.3



GEOLOGY OF THE 500 LEVEL
1" = 40'



SECTION A-B
1" = 40'



SECTION C-D
1" = 40'

EXPLANATION
Pinto diorite, porphyritic facies
Pinto diorite, amphibolite facies
Altered Pinto diorite, principally amphibolite facies
Banded gneiss and red feldspar
50
Fault, showing dip
58
20
Vein, showing dip

GEOLOGIC MAPS AND SECTIONS OF THE DACOTAH MINE
NEIHART DISTRICT, CASCADE COUNTY, MONTANA

Geology by M.R. Klepper and J.J. Quinlan, U.S.G.S.

DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

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Bennett Mining Co.

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DACOTAH MINE

SEC. 28, T. 14 N., R. 8 E., CASCADE COUNTY, MONTANA

NEIHART MINING DISTRICT

Compiled from maps of Bennett Mining Company
Mapping of new workings on 200 and 400 levels, April, 1951, by:
Elton A. Youngberg and Willard P. Puffett, U.S. Geol. Survey
Sample in 400 level face:
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EXPLANATION

Contact, showing dip (Dashed where inferred)

Fault, showing dip

Shear zone, showing dip

Mineralized shear zone

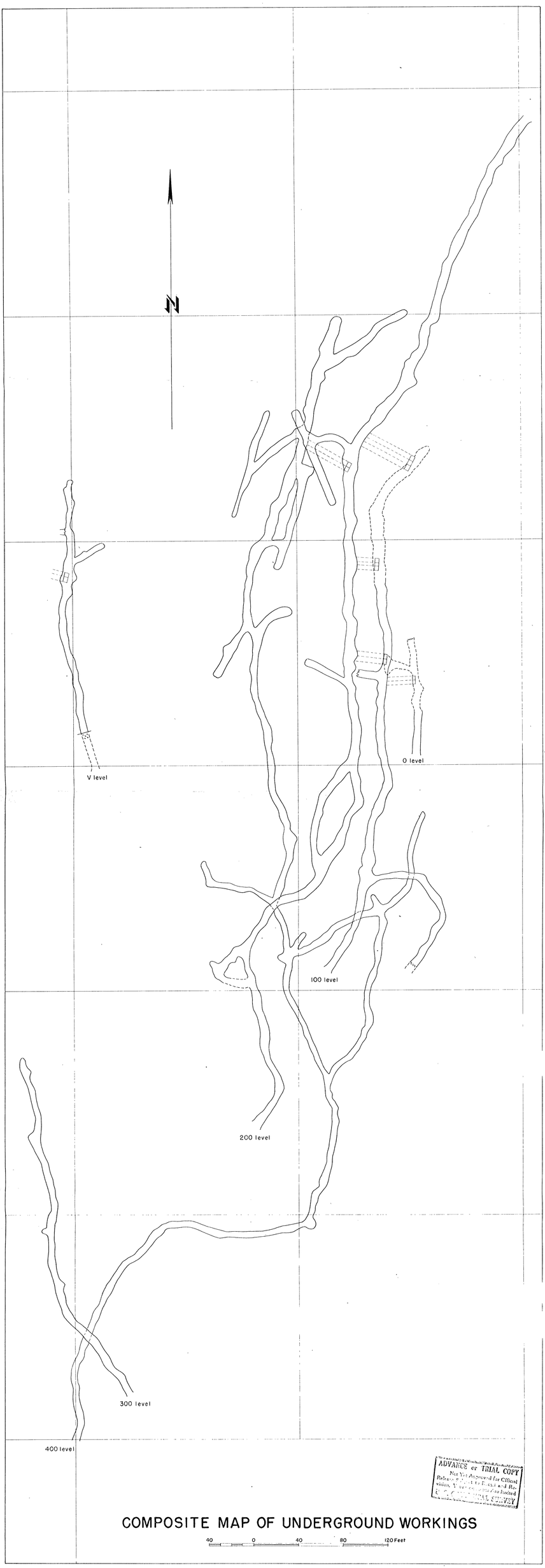
Mineralized vein, showing dip

Raise

Chute

Survey stations

Filled workings



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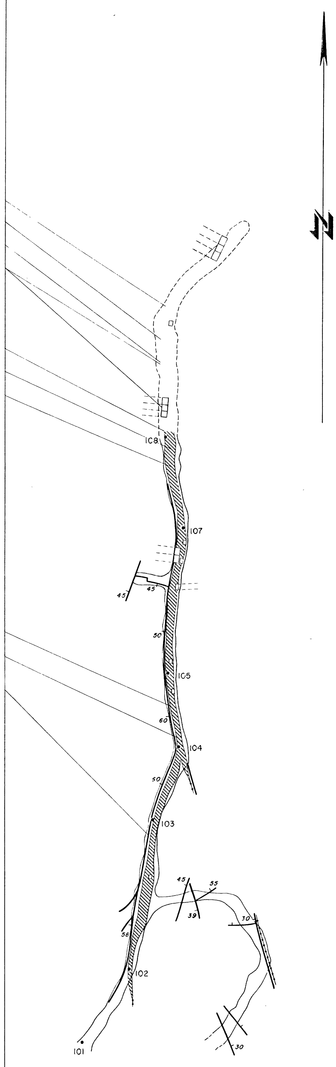
vision
SURVEY

COMPOSITE MAP OF UNDERGROUND WORKINGS

A S S A Y S

NO	WIDTH FEET	AU OZ	AG OZ	PB %	ZN %
107	3.0	0.01	4.0	1.8	7.6
106	4.0	0.02	5.0	4.6	4.3
105	2.0	Tr	1.7	1.0	4.8
104	5.0	0.01	4.4	4.1	13.2
103	5.0	Tr	1.0	0.6	8.0
102	10.0	0.005	2.4	1.0	9.1
101	10.0	Tr	2.0	1.6	10.2
D149	8.5	0.02	3.2	1.7	8.0
D148	5.0	0.01	2.2	0.9	3.6
D147	6.0	0.02	8.2	7.6	13.3



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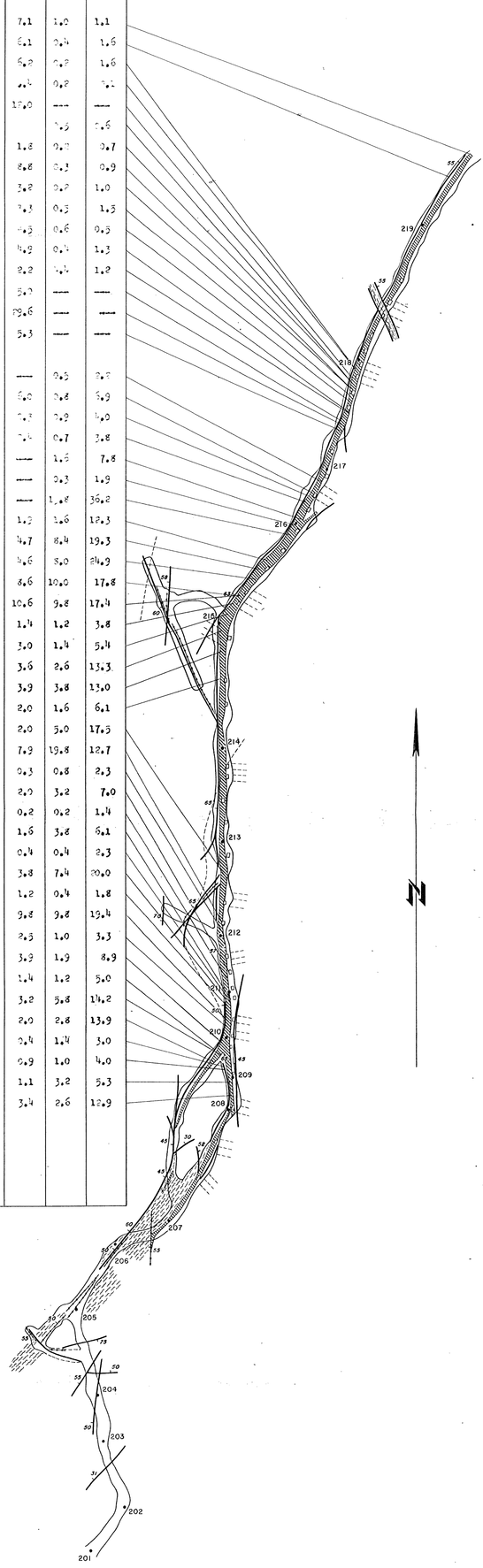
100 LEVEL

40 0 40 80 120 Feet

ASSAYS

NO	WIDTH FEET	AU OZ	AG OZ	PB %	ZN %
B	3.0	Tr	7.1	1.0	1.1
C	1.3	Tr	6.1	0.4	1.6
31	2.3	0.04	5.2	0.2	1.6
30	2.0	0.02	4.4	0.2	2.1
29	2.0	0.12	17.0	---	---
28	4.0			0.5	0.6
27	4.0	Tr	1.8	0.2	0.7
26	5.0	0.01	8.8	0.3	0.9
25	5.0	0.005	3.2	0.2	1.0
24	2.0	0.01	2.3	0.5	1.5
23.	5.0	0.01	4.5	0.6	0.5
22	1.0	0.01	4.9	0.4	1.3
21	3.0	0.005	2.2	0.4	1.2
20	4.0	0.01	5.0	---	---
19	4.0	0.04	29.6	---	---
18	5.0	0.01	5.3	---	---
17	4.5	---	---	0.5	0.8
16	4.0	0.04	5.0	0.8	5.9
15	4.3	0.01	2.8	0.2	4.0
14	5.0	0.01	2.4	0.7	3.8
13	3.5	---	---	1.6	7.8
12	2.0	---	---	0.3	1.9
11	0.5	---	---	1.8	36.2
10	7.5	0.01	1.2	1.6	12.3
9	5.0	0.02	4.7	8.4	19.3
8	4.0	0.02	4.6	8.0	24.9
7	4.0	0.02	8.6	10.0	17.8
6	3.0	0.03	10.6	9.8	17.4
A	2.5	Tr	1.4	1.2	3.8
5	4.5	0.01	3.0	1.4	5.4
4	4.5	0.02	3.6	2.6	13.3
3	5.0	0.01	3.9	3.8	13.0
2	2.0	0.01	2.0	1.6	6.1
0388	3.1	Tr	2.0	5.0	17.5
0389	2.0	0.01	7.9	19.8	12.7
0390	2.2	Tr	0.3	0.8	2.3
0357	3.9	0.01	2.0	3.2	7.0
0358	0.9	Tr	0.2	0.2	1.4
0497	1.1	0.01	1.6	3.8	6.1
0498	1.4	Tr	0.4	0.4	2.3
0499	1.2	0.01	3.8	7.4	20.0
0500	1.4	Tr	1.2	0.4	1.8
0397	1.1	0.04	9.8	9.8	19.4
0398	0.9	0.01	2.5	1.0	3.3
0399	1.9	0.02	3.9	1.9	8.9
0400	3.6	0.01	1.4	1.2	5.0
0401	1.5	0.02	3.2	5.8	14.2
0404	1.7	0.01	2.0	2.8	13.9
0403	3.6	0.01	0.4	1.4	3.0
0402	2.7	0.02	0.9	1.0	4.0
0405	0.7	0.01	1.1	3.2	5.3
0406	1.3	0.02	3.4	2.6	12.9



200 LEVEL

40 0 40 80 120 Feet

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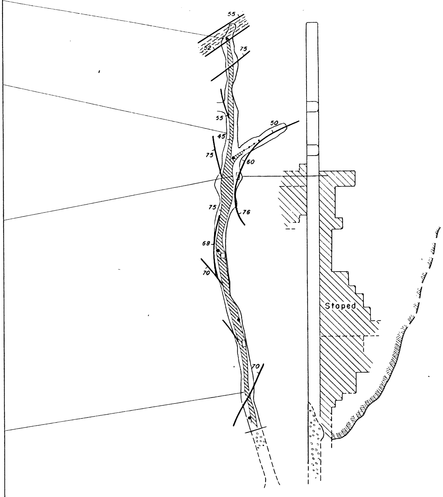
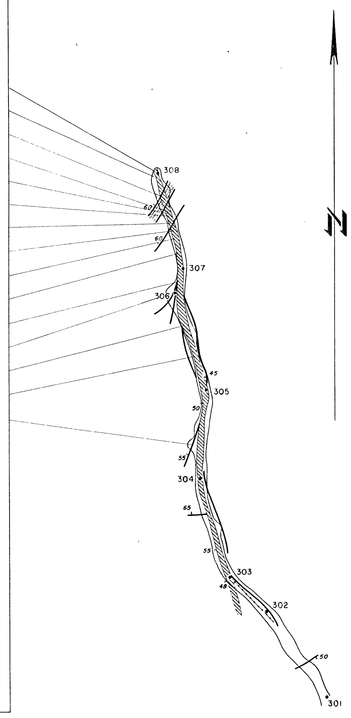
ASSAYS

NO	WIDTH FEET	AU OZ	AG OZ	PB %	ZN %
V1	0.8	0.02	5.8	3.4	18.0
V2	2.9	0.006	2.2	1.6	5.2
V3	0.9	0.02	2.6	11.2	4.1
V4	1.0	0.1	3.2	1.4	3.3
7	3.0	0.02	11.7	3.4	1.8
D138	3.5	0.01	0.8	0.2	1.5
D139	4.5	0.02	3.6	1.8	7.1
D141	2.0	0.01	0.9	0.4	3.6
D140	1.2	0.02	11.2	4.7	17.4
8	3.0	Tr	1.2	0.6	2.3
D142	2.3	0.01	1.6	0.4	1.1
D143	2.6	0.06	6.8	0.8	3.0
9	2.5	0.02	4.2	0.5	1.9
D144	3.8	0.01	1.0	0.2	1.2
10	4.0	Tr	0.9	0.8	1.5
D145	3.9	0.01	1.5	0.2	1.0
D146	4.2	0.01	1.5	0.2	0.8
11	4.0	Tr	2.0	0.4	1.6
12	2.0	Tr	0.4	0.3	4.3



V LEVEL



300 LEVEL

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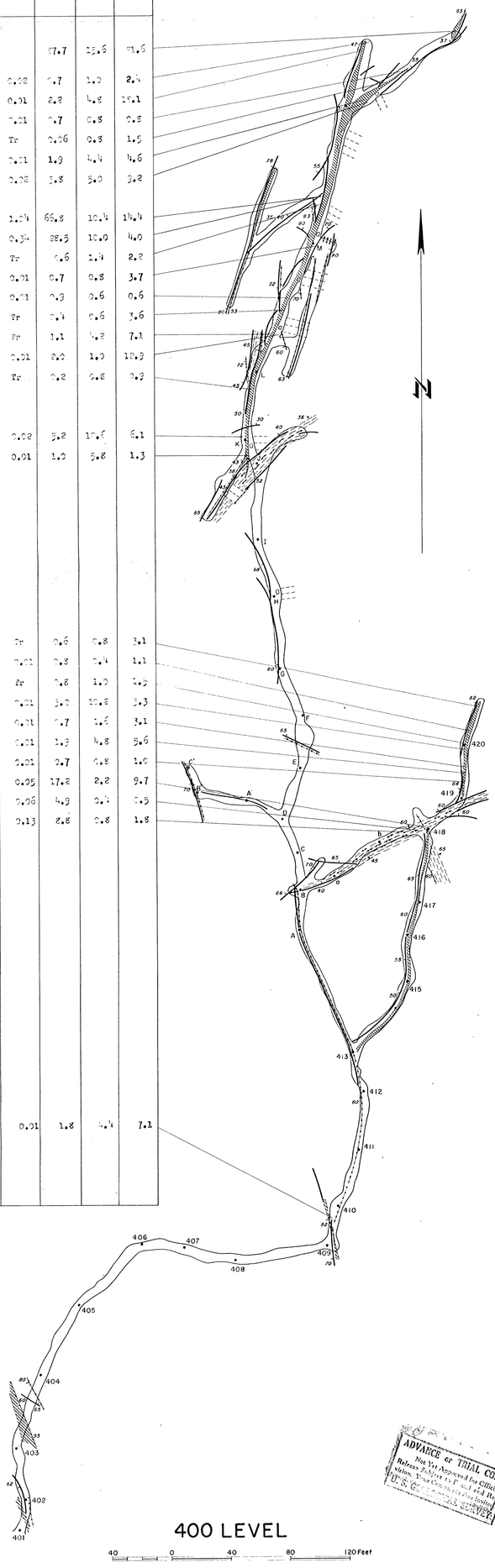
300 AND V LEVELS

40 0 40 80 120 Feet

ASSAYS

NO	[illegible]	AU OZ	AG OZ	PB %	ZN %
	50		27.7	13.6	21.6
14	18	0.02	0.7	1.0	2.4
13	12	0.01	2.2	4.8	15.1
12	36	0.01	0.7	0.3	0.3
11	12	Tr	0.06	0.3	1.5
10	36	0.01	1.9	4.4	4.6
9	36	0.02	3.8	5.0	3.2
8	8	1.24	65.3	10.4	14.4
x	12	0.34	28.5	10.0	4.0
7	36	Tr	0.6	1.4	2.2
1x	8	0.01	0.7	0.3	3.7
6	38	0.01	0.9	0.6	0.6
5	30	Tr	0.4	0.6	3.6
4	18	Tr	1.1	4.2	7.1
2x	24	0.01	0.0	1.0	10.9
3	36	Tr	0.2	0.8	0.2
2	12	0.02	3.2	10.6	6.1
1	18	0.01	1.0	5.8	1.3
10x	18	Tr	0.6	0.8	3.1
3x	30	0.01	0.3	0.4	1.1
9-17	28	Tr	0.8	1.0	1.5
8x	24	0.01	3.0	10.2	3.3
7x	30	0.01	0.7	1.6	3.1
9-16	19	0.01	1.9	4.8	5.6
11x	24	0.01	0.7	0.8	1.0
9-18	18	0.05	17.2	2.2	9.7
D136	52	0.06	4.9	0.4	0.5
D137	65	0.13	2.8	0.8	1.8
12x	12	0.01	1.8	4.4	7.1



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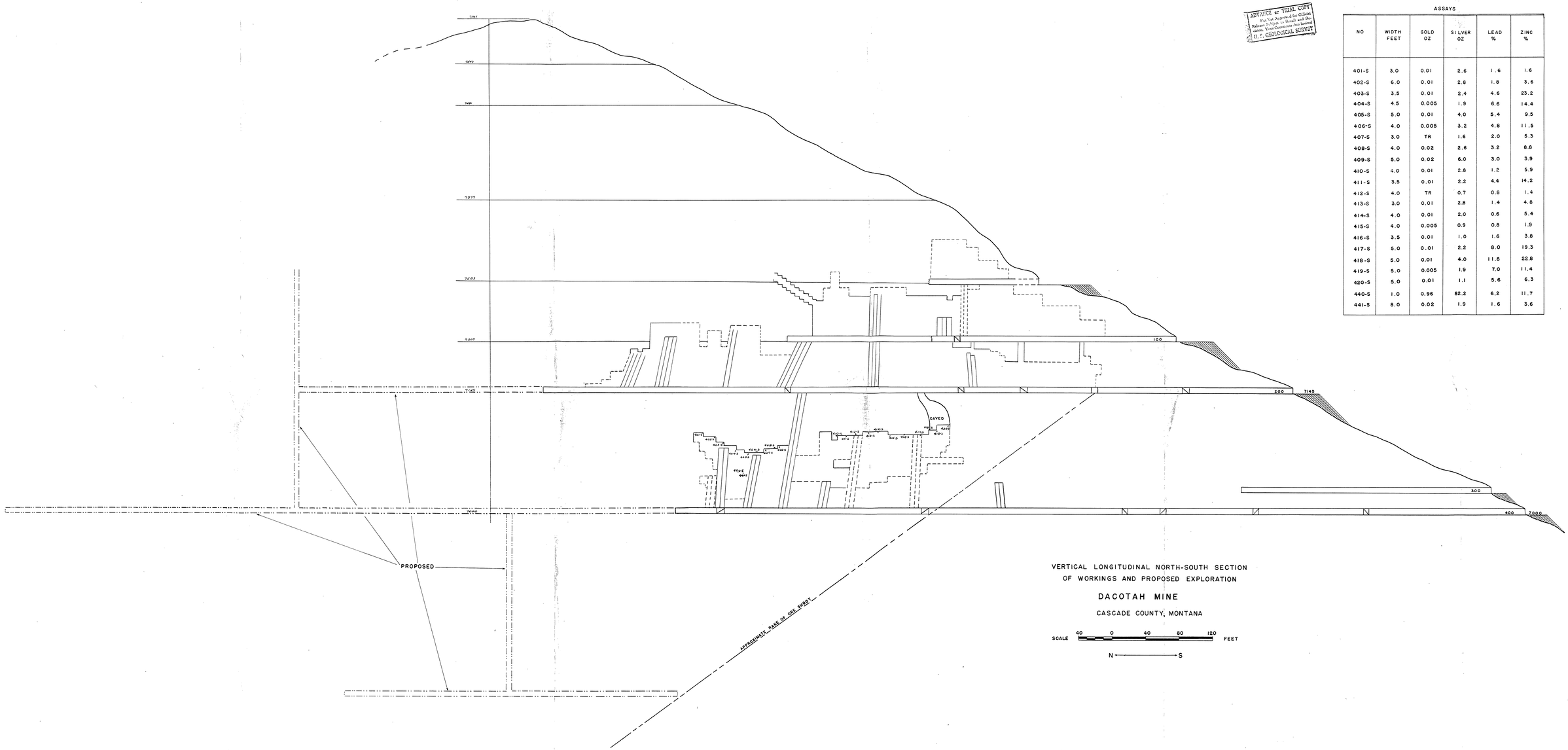

ASSAYS

NO	WIDTH FEET	GOLD OZ	SILVER OZ	LEAD %	ZINC %
401-S	3.0	0.01	2.6	1.6	1.6
402-S	6.0	0.01	2.8	1.8	3.6
403-S	3.5	0.01	2.4	4.6	23.2
404-S	4.5	0.005	1.9	6.6	14.4
405-S	5.0	0.01	4.0	5.4	9.5
406-S	4.0	0.005	3.2	4.8	11.5
407-S	3.0	TR	1.6	2.0	5.3
408-S	4.0	0.02	2.6	3.2	8.8
409-S	5.0	0.02	6.0	3.0	3.9
410-S	4.0	0.01	2.8	1.2	5.9
411-S	3.5	0.01	2.2	4.4	14.2
412-S	4.0	TR	0.7	0.8	1.4
413-S	3.0	0.01	2.8	1.4	4.8
414-S	4.0	0.01	2.0	0.6	5.4
415-S	4.0	0.005	0.9	0.8	1.9
416-S	3.5	0.01	1.0	1.6	3.8
417-S	5.0	0.01	2.2	8.0	19.3
418-S	5.0	0.01	4.0	11.8	22.8
419-S	5.0	0.005	1.9	7.0	11.4
420-S	5.0	0.01	1.1	5.6	6.3
440-S	1.0	0.96	82.2	6.2	11.7
441-S	8.0	0.02	1.9	1.6	3.6

VERTICAL LONGITUDINAL NORTH-SOUTH SECTION
OF WORKINGS AND PROPOSED EXPLORATION

DACOTAH MINE

CASCADE COUNTY, MONTANA

SCALE 40 0 40 80 120 FEET

N ← → S

SECTION AND ASSAY DATA FROM COMPANY RECORDS

DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

DEFENSE MINERALS ADMINISTRATION
DOCKET NO. 129

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Bennett Mining Co.

UNDERGROUND WORKINGS, GEOLOGY, AND ASSAY PLANS

DACOTAH MINE

SEC. 28, T. 14 N., R. 8 E., CASCADE COUNTY, MONTANA

NEIHART MINING DISTRICT

Compiled from maps of Bennett Mining Company
Mapping of new workings on 200 and 400 levels, April, 1951, by:
Elton A. Youngberg and Willard P. Puffett, U. S. Geol. Survey
Sample in 400 level face:
Eric G. Erickson, U. S. Bur. Mines

EXPLANATION

50
Contact, showing dip
(Dashed where inferred)

70
Fault, showing dip

45
Shear zone, showing dip

Mineralized shear zone

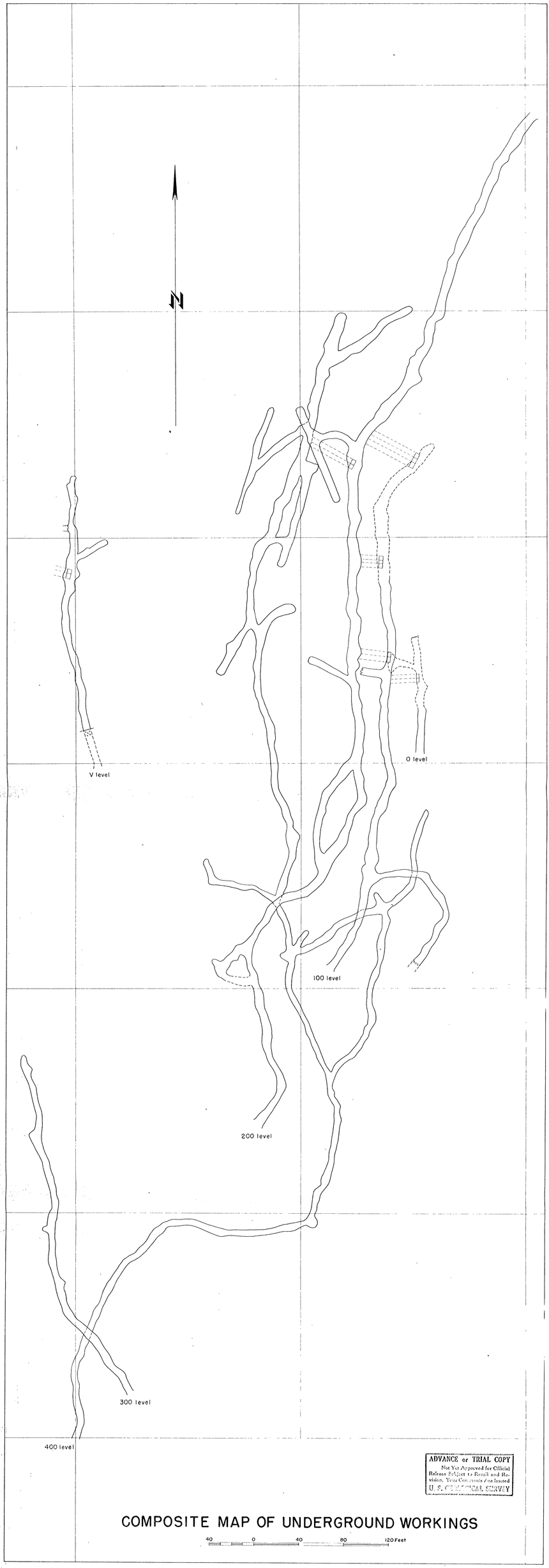
62
Mineralized vein, showing dip

Raise

Chute

101 A
Survey stations

Filled workings



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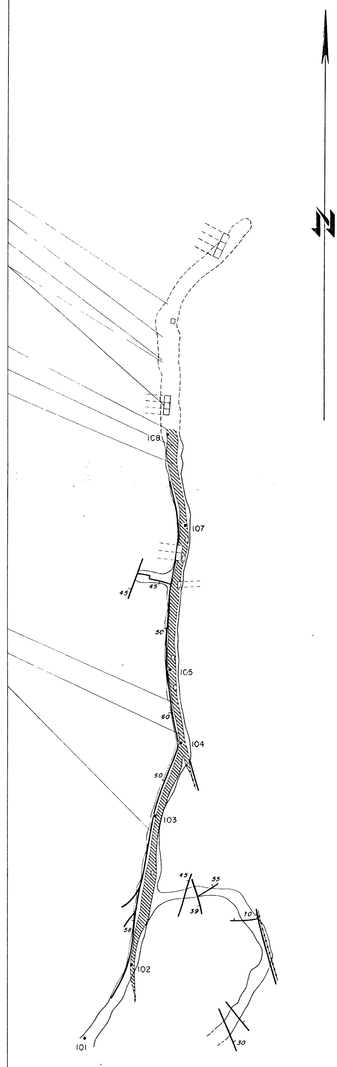
COMPOSITE MAP OF UNDERGROUND WORKINGS

A S S A Y S

No	WIDTH FEET	AU OZ	AG OZ	PB %	ZN %
107	3.0	0.01	4.0	1.8	7.8
106	4.0	0.02	3.0	4.6	4.3
105	3.0	Tr	1.7	1.0	4.8
104	5.0	0.01	4.4	4.4	13.2
103	6.0	Tr	1.0	0.8	8.0
102	10.0	0.005	2.2	1.0	9.1
101	13.0	Tr	2.0	1.6	16.2
D149	2.5	0.02	3.2	1.7	8.0
D146	3.0	0.01	3.1	0.8	3.6
D147	.5	0.02	3.2	7.0	13.3



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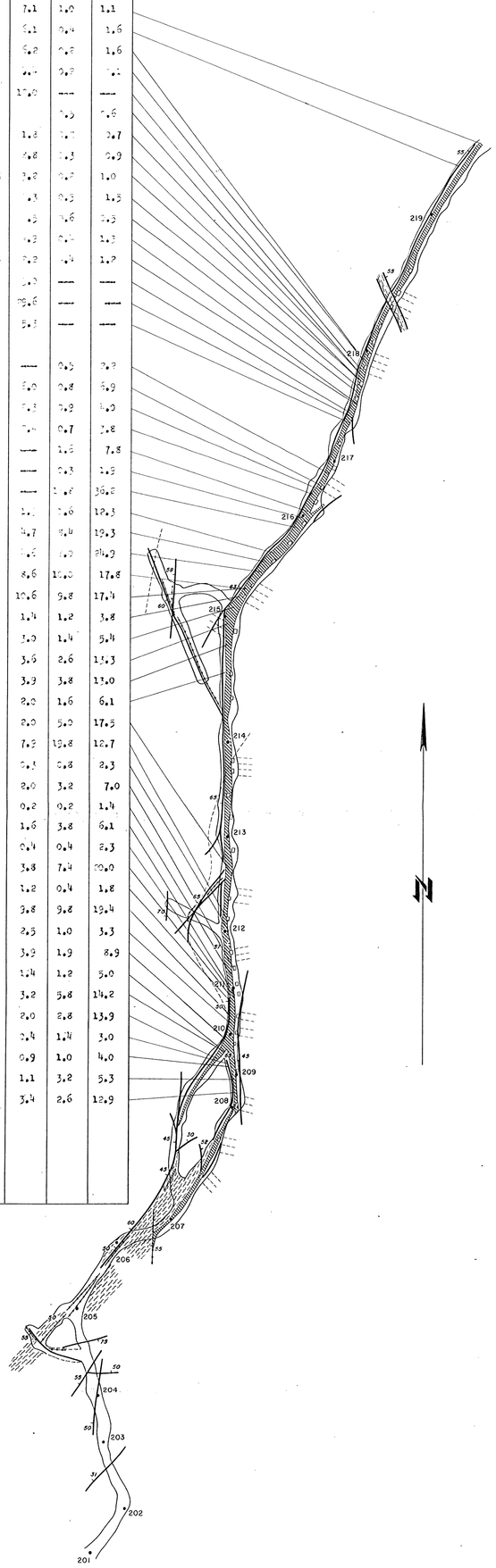
100 LEVEL

40 0 40 80 120 Feet

ASSAYS

NO	MINE WIDTH	AU OZ	AG OZ	PB %	ZN %
B	3.0	Tr	7.1	1.0	1.1
$	1.3	Tr	6.1	0.4	1.6
31	0.3	0.04	6.2	0.2	1.6
30	0.[illegible]	0.02	4.4	0.9	[illegible]
29	0.0	0.12	17.0	---	---
28	[illegible]			0.5	0.6
27	[illegible]	Tr	1.3	[illegible]	0.7
26	[illegible]	0.01	4.8	[illegible]	0.9
25	[illegible]	0.005	3.2	0.2	1.0
24	[illegible]	[illegible]	[illegible]	0.5	1.5
23	[illegible]	0.01	[illegible]	0.6	0.5
22	[illegible]	0.01	[illegible]	[illegible]	1.3
21	3.0	0.005	0.2	[illegible]	1.2
20	4.0	[illegible]	[illegible]	---	---
19	[illegible]	0.04	29.6	---	---
18	3.0	0.01	5.5	---	---
17	4.5	---	---	0.5	0.2
16	4.0	0.04	5.0	0.8	6.9
15	4.3	0.01	[illegible]	0.9	[illegible]
14	[illegible]	0.01	[illegible]	0.7	[illegible]
13	3.5	---	---	1.2	7.8
12	[illegible]	---	---	0.3	1.9
11	0.5	---	---	[illegible]	36.2
10	7.5	0.01	[illegible]	0.6	12.3
9	6.0	0.02	4.7	3.4	19.3
8	[illegible]	0.02	[illegible]	[illegible]	24.9
7	[illegible]	0.02	8.6	10.0	17.8
6	3.0	0.03	10.6	5.8	17.4
A	2.5	Tr	1.4	1.2	3.8
5	4.5	0.01	3.0	1.4	5.4
4	4.5	0.02	3.6	2.6	13.3
3	3.0	0.01	3.9	3.8	13.0
2	2.0	0.01	2.0	1.6	6.1
0588	3.1	Tr	2.0	5.0	17.5
0589	2.0	0.01	7.9	15.8	12.7
0590	2.2	Tr	0.3	0.8	2.3
0557	3.9	0.01	2.0	3.2	7.0
0558	0.9	Tr	0.2	0.2	1.4
0497	1.1	0.01	1.6	3.8	6.1
0498	1.4	Tr	0.4	0.4	2.3
0499	1.2	0.01	3.8	7.4	20.0
0500	1.4	Tr	1.2	0.4	1.8
0397	1.1	0.04	3.8	9.8	19.4
0398	0.9	0.01	2.5	1.0	3.3
0399	1.9	0.02	3.9	1.9	8.9
0400	3.6	0.01	1.4	1.2	5.0
0401	1.5	0.02	3.2	5.8	14.2
0404	1.7	0.01	2.0	2.8	13.9
0403	3.6	0.01	0.4	1.4	3.0
0402	2.7	0.02	0.9	1.0	4.0
0405	0.7	0.01	1.1	3.2	5.3
0406	1.3	0.02	3.4	2.6	12.9



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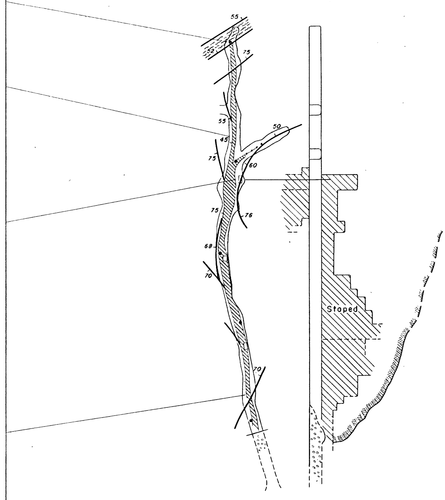
200 LEVEL

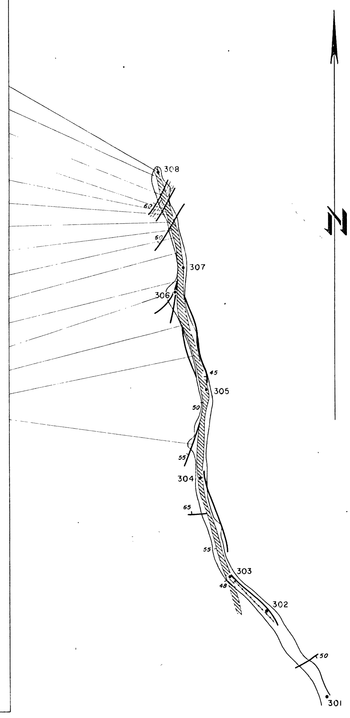
40 0 40 80 120 Feet

ASSAYS

NO	WIDTH FEET	AU OZ	AG OZ	PB %	ZN %
V1	0.8	0.02	5.8	3.4	3.9
V2	2.0	0.05	2.2	1.0	5.2
V3	0.9	0.12	2.6	11.2	4.1
V4	1.2	0.1	3.2	1.4	7.3
7	3.0	0.02	11.7	3.4	1.3
D138	3.5	0.01	0.8	0.2	1.5
D139	4.5	0.02	3.6	1.8	7.1
D141	2.0	0.01	0.8	0.4	3.6
D140	1.2	0.12	11.2	4.7	17.4
8	3.0	Tr	1.2	0.6	2.3
D142	2.3	0.01	1.6	0.4	1.1
D143	2.3	0.05	6.8	0.8	3.0
9	2.5	0.2	4.2	0.5	1.3
D144	3.0	0.01	0.8	0.2	1.2
10	0.8	Tr	0.8	0.2	1.5
D145	3.0	0.01	1.5	0.2	1.0
D146	4.0	0.01	1.5	0.2	0.8
11	4.0	Tr	2.0	0.4	1.6
12	2.0	Tr	0.4	0.3	4.3



V LEVEL



300 LEVEL

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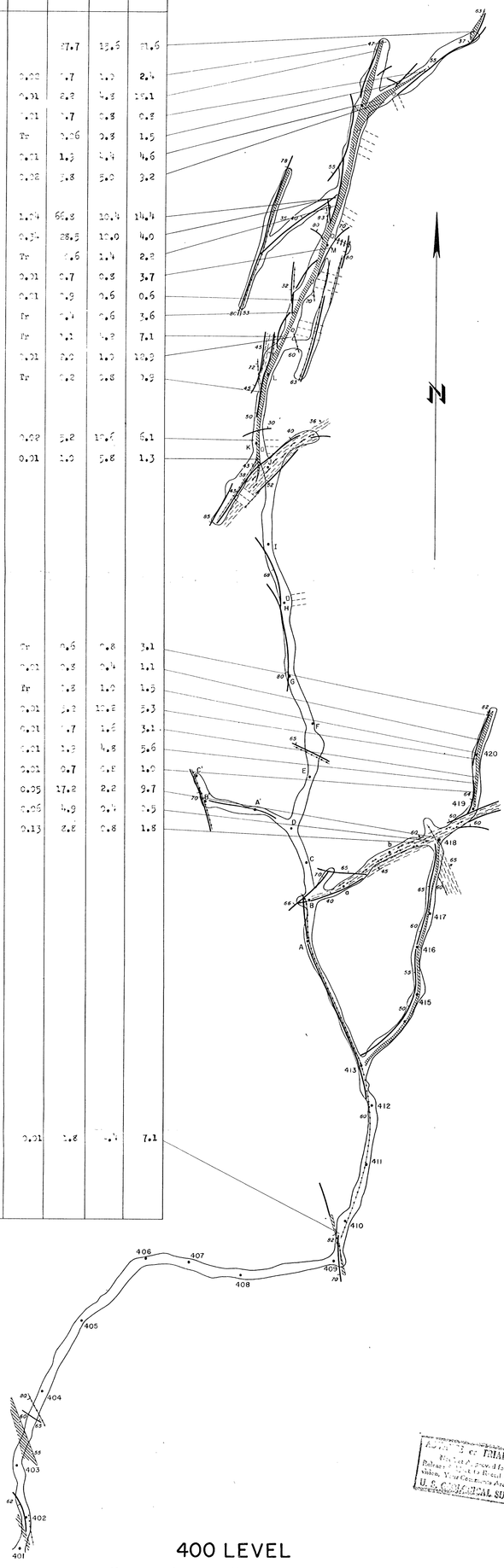
300 AND V LEVELS

40 0 40 80 120 Feet

ASSAYS

No.	Width Inches	Au Oz	Ag Oz	Pb %	Zn %
	30		27.7	15.5	31.6
14	18	0.02	0.7	1.0	2.4
13	12	0.01	2.2	4.8	19.1
12	36	0.01	0.7	0.8	0.8
11	12	Tr	0.06	0.8	1.5
10	36	0.01	1.9	4.4	4.6
9	36	0.02	3.8	5.0	3.2
8	8	1.04	66.8	10.4	14.4
x	12	0.34	28.5	10.0	4.0
7	36	Tr	0.6	1.4	2.2
1x	8	0.01	0.7	0.8	3.7
6	38	0.01	0.9	0.6	0.6
5	30	Tr	0.4	0.6	3.6
4	18	Tr	0.1	4.2	7.1
2x	24	0.01	0.0	1.0	10.9
3	36	Tr	0.2	2.8	0.9
2	12	0.02	5.2	10.6	6.1
1	18	0.01	1.0	5.8	1.3
10x	18	Tr	0.6	0.8	3.1
9x	30	0.01	0.3	0.4	1.1
8-17	28	Tr	0.8	1.0	1.5
8x	24	0.01	3.2	10.2	3.3
7x	30	0.01	0.7	1.6	3.1
6-16	19	0.01	1.3	4.8	5.6
11x	24	0.01	0.7	0.9	1.0
9-18	18	0.05	17.2	2.2	9.7
D136	52	0.06	4.9	0.4	0.5
D137	65	0.13	2.8	0.8	1.8
12x	12	0.01	1.8	0.4	7.1



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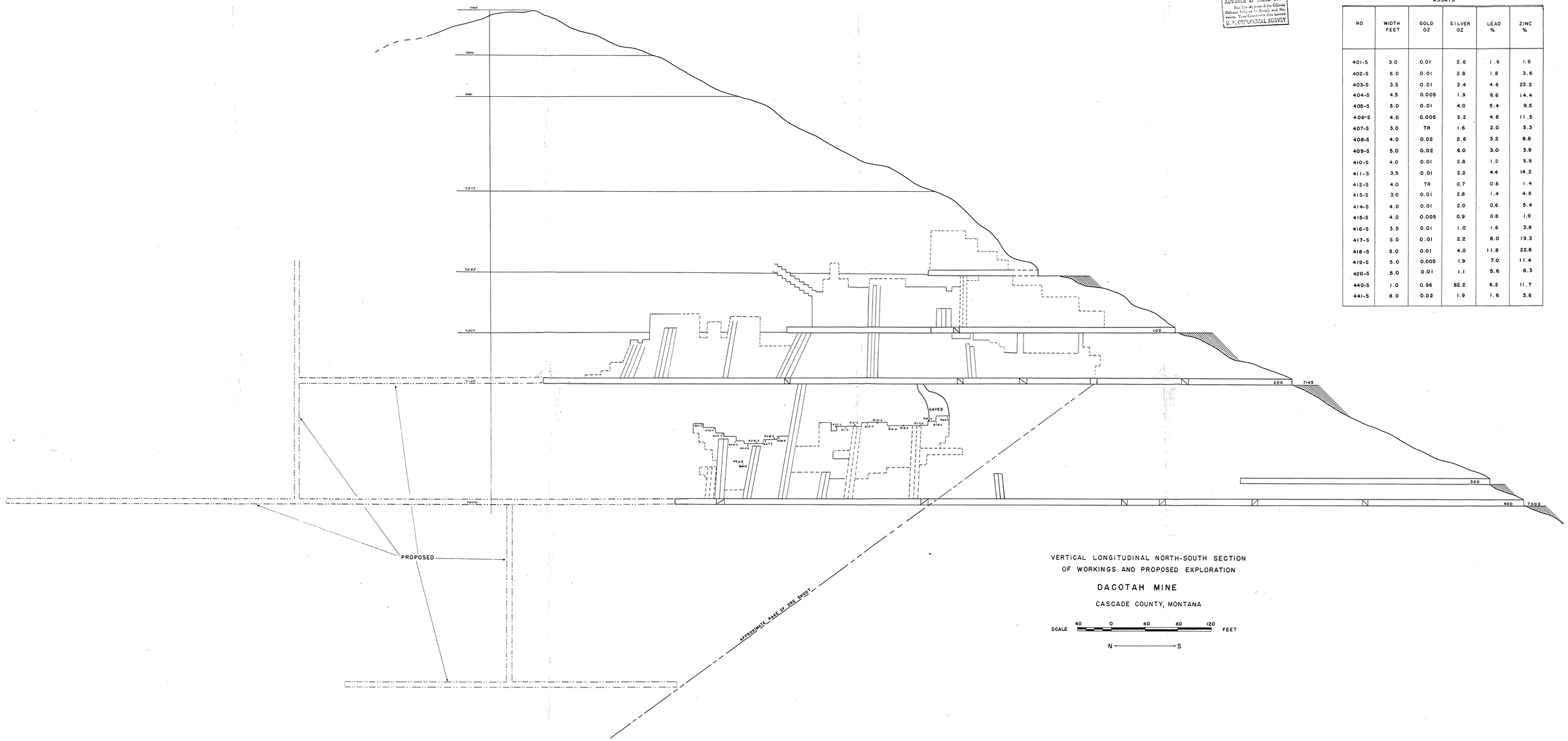


VERTICAL LONGITUDINAL NORTH-SOUTH SECTION
OF WORKINGS AND PROPOSED EXPLORATION

DACOTAH MINE

CASCADE COUNTY, MONTANA

SCALE 40 0 40 80 120 FEET

N ← → S

ASSAYS

NO	WIDTH FEET	GOLD OZ	SILVER OZ	LEAD %	ZINC %
401-S	3.0	0.01	2.6	1.6	1.6
402-S	6.0	0.01	2.8	1.8	3.6
403-S	3.5	0.01	2.4	4.6	23.2
404-S	4.5	0.005	1.9	6.6	14.4
405-S	5.0	0.01	4.0	5.4	9.5
406-S	4.0	0.005	3.2	4.8	11.5
407-S	3.0	TR	1.6	2.0	5.3
408-S	4.0	0.02	2.6	3.2	8.8
409-S	5.0	0.02	6.0	3.0	3.9
410-S	4.0	0.01	2.8	1.2	5.9
411-S	3.5	0.01	2.2	4.4	14.2
412-S	4.0	TR	0.7	0.8	1.4
413-S	3.0	0.01	2.8	1.4	4.8
414-S	4.0	0.01	2.0	0.6	5.4
415-S	4.0	0.005	0.9	0.8	1.9
416-S	3.5	0.01	1.0	1.6	3.8
417-S	5.0	0.01	2.2	8.0	19.3
418-S	5.0	0.01	4.0	11.8	22.8
419-S	5.0	0.005	1.9	7.0	11.4
420-S	5.0	0.01	1.1	5.6	6.3
440-S	1.0	0.96	82.2	6.2	11.7
441-S	8.0	0.02	1.9	1.6	3.6

SECTION AND ASSAY DATA FROM COMPANY RECORDS

DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

DEFENSE MINERALS ADMINISTRATION
DOCKET NO. 129

B

Bennett Mining Co.
DMA Docket 129

UNDERGROUND WORKINGS, GEOLOGY, AND ASSAY PLANS

DACOTAH MINE

SEC. 28, T. 14 N., R. 8 E., CASCADE COUNTY, MONTANA

NEIHART MINING DISTRICT

Compiled from maps of Bennett Mining Company
Mapping of new workings on 200 and 400 levels, April, 1951, by:
Elton A. Youngberg and Willard P. Puffett, U. S. Geol. Survey
Sample in 400 level face:
Eric G. Erickson, U. S. Bur. Mines

EXPLANATION

50
Contact, showing dip
(Dashed where inferred)

50
Fault, showing dip

65
Shear zone, showing dip

Mineralized shear zone

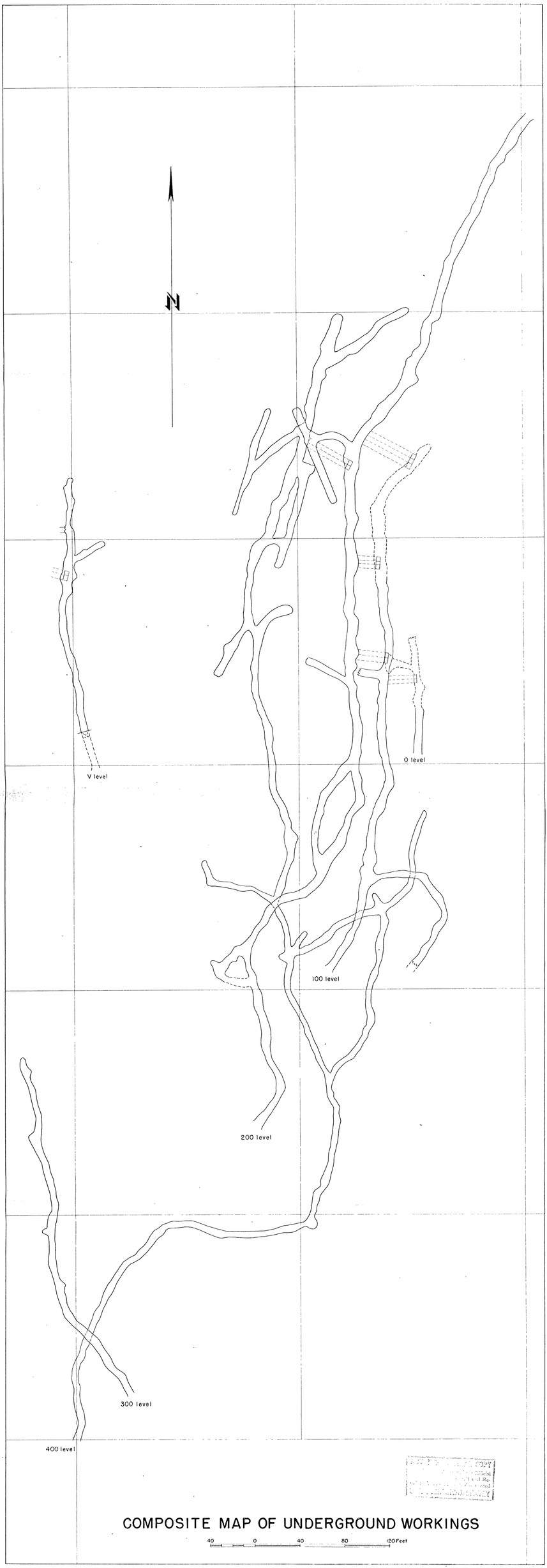
62
Mineralized vein, showing dip

Raise

Chute

101 A
Survey stations

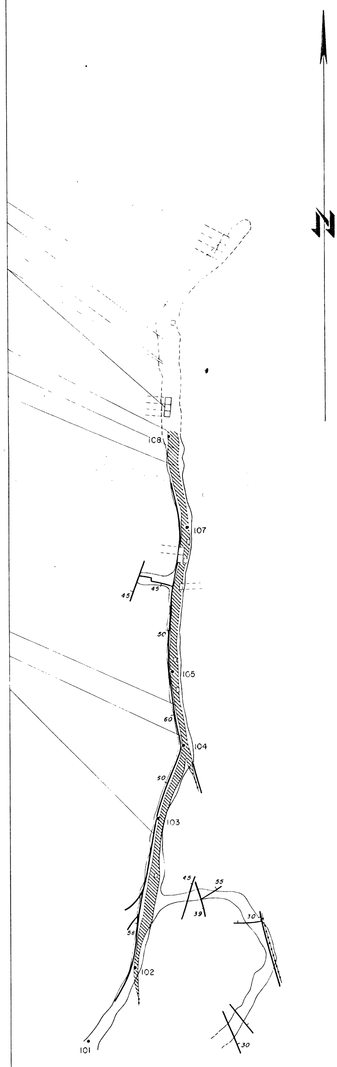
Filled workings



COMPOSITE MAP OF UNDERGROUND WORKINGS

A S S A Y S

NO	WIDTH FEET	AU OZ	AG OZ	PB %	ZN %
107	3.0	0.01	1.0	1.8	7.0
106	4.0	0.02	3.0	4.0	4.3
105	3.0	Tr	1.7	1.0	4.9
104	5.0	0.01	4.4	4.1	13.2
103	5.0	Tr	1.0	0.6	6.0
102	10.0	0.005	2.4	1.0	9.1
101	10.0	Tr	2.0	1.6	10.2
D149	3.5	0.02	3.2	1.7	8.0
D148	3.0	0.01	2.2	0.9	3.6
D147	6.0	0.02	6.0	7.0	13.3



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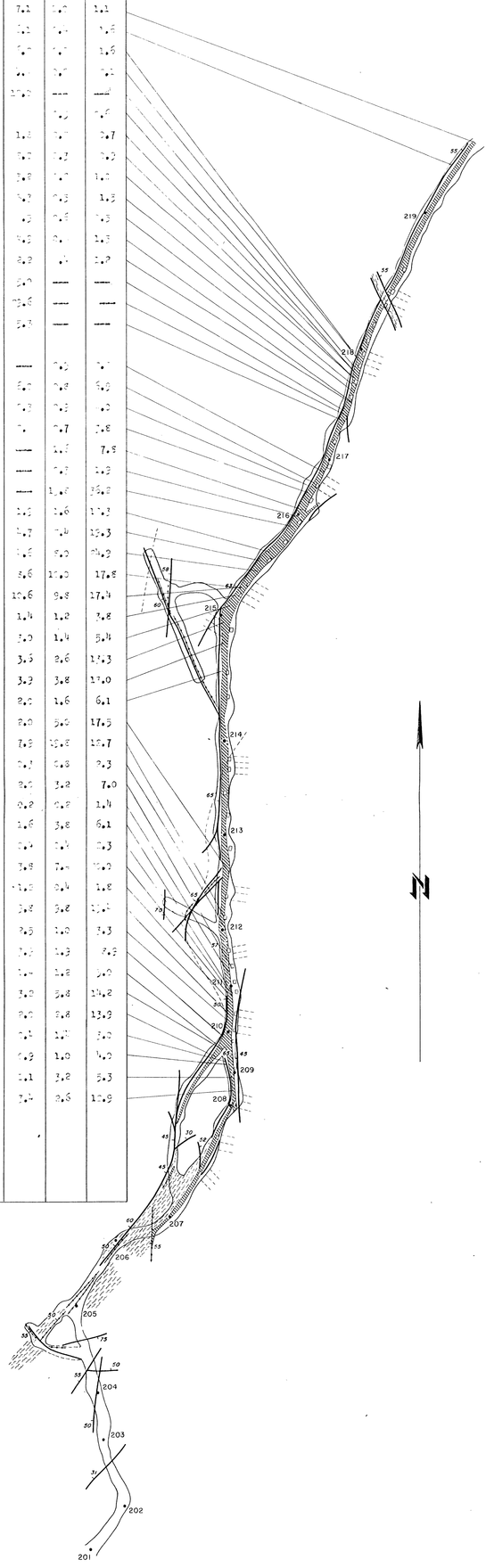
Release or Issue to Press and Re-
Vision Work is Still Invited
[illegible]

100 LEVEL

40 0 40 80 120 Feet

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
B	3.0	Tr	7.1	1.0	1.1
C	3.2	Tr	[illegible]	[illegible]	1.6
31	[illegible]	[illegible]	[illegible]	[illegible]	1.6
30	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
29	[illegible]	0.02	[illegible]	---	---
28	1.0			[illegible]	[illegible]
27	[illegible]	Tr	1.2	[illegible]	0.7
26	[illegible]	0.01	[illegible]	[illegible]	[illegible]
25	[illegible]	[illegible]	[illegible]	[illegible]	1.0
24	[illegible]	[illegible]	[illegible]	[illegible]	1.5
23	[illegible]	0.01	[illegible]	[illegible]	[illegible]
22	[illegible]	0.01	[illegible]	[illegible]	1.3
21	3.0	0.005	2.2	[illegible]	1.2
20	4.0	0.01	[illegible]	---	---
19	[illegible]	[illegible]	[illegible]	---	---
18	[illegible]	0.01	[illegible]	---	---
17	[illegible]	---	---	[illegible]	[illegible]
16	4.0	[illegible]	[illegible]	[illegible]	[illegible]
15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
14	[illegible]	0.01	[illegible]	0.7	[illegible]
13	[illegible]	---	---	[illegible]	7.8
12	[illegible]	---	---	[illegible]	[illegible]
11	[illegible]	---	---	1.[illegible]	[illegible]
10	7.[illegible]	0.01	[illegible]	1.6	[illegible]
9	6.0	0.02	4.7	[illegible]	15.3
8	[illegible]	0.02	[illegible]	[illegible]	[illegible]
7	[illegible]	0.02	3.6	10.0	17.8
6	3.0	0.03	10.6	9.8	17.4
A	[illegible]	Tr	1.4	1.2	3.8
B	[illegible]	0.01	[illegible]	1.4	[illegible]
[illegible]	[illegible]	0.02	3.5	2.6	[illegible]
3	[illegible]	0.01	3.2	3.8	[illegible]
2	2.0	0.01	2.0	1.6	6.1
0588	3.1	Tr	2.0	[illegible]	17.5
0589	[illegible]	0.01	7.[illegible]	[illegible]	10.7
0590	[illegible]	Tr	[illegible]	[illegible]	[illegible]
0537	3.2	0.01	[illegible]	3.2	7.0
0538	0.2	Tr	0.2	[illegible]	1.4
0-37	1.1	0.01	1.6	3.8	6.1
0-38	1.4	Tr	[illegible]	[illegible]	[illegible]
0-39	[illegible]	0.01	[illegible]	[illegible]	[illegible]
0500	[illegible]	Tr	[illegible]	[illegible]	1.8
0327	1.1	[illegible]	[illegible]	[illegible]	[illegible]
0328	[illegible]	0.01	[illegible]	[illegible]	[illegible]
0329	1.5	0.02	[illegible]	[illegible]	[illegible]
0-07	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
0-01	1.5	0.02	[illegible]	[illegible]	14.2
0-04	1.7	[illegible]	[illegible]	[illegible]	13.9
0-07	[illegible]	0.01	[illegible]	[illegible]	[illegible]
0-02	[illegible]	[illegible]	[illegible]	1.0	[illegible]
0-03	[illegible]	0.01	[illegible]	[illegible]	[illegible]
0-05	[illegible]	0.02	[illegible]	[illegible]	[illegible]



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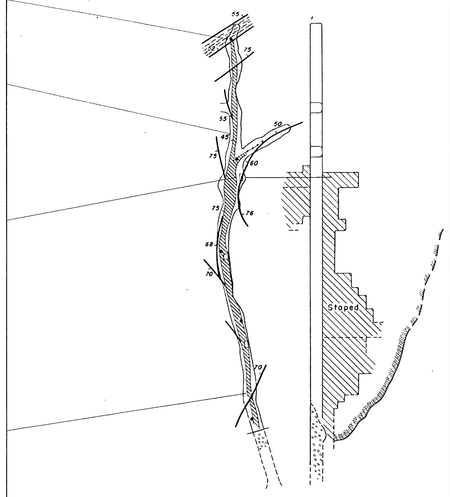
U. S. GEOLOGICAL SURVEY

200 LEVEL

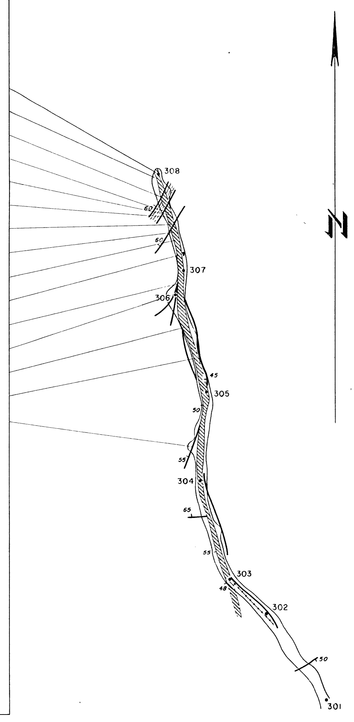
40 0 40 80 120 Feet

ASSAYS

NO	WIDTH FEET	AU OZ	AG OZ	PB %	ZN %
V1	0.8	0.02	5.8	9.4	18.9
V2	2.9	0.005	2.2	1.6	5.2
V3	0.9	0.02	2.6	11.2	4.1
V4	1.0	0.01	3.2	1.4	3.3
7	3.0	0.02	11.7	3.4	1.8
D138	3.5	0.01	0.6	0.2	1.5
D139	4.5	0.02	3.6	1.8	7.1
D141	2.0	0.01	0.9	0.4	3.6
D140	1.2	0.02	11.2	4.7	17.4
8	3.0	Tr	1.2	0.6	2.3
D142	2.3	0.01	1.6	0.4	1.1
D143	2.5	0.05	6.8	0.8	3.0
9	2.5	0.02	4.2	0.5	1.9
D144	3.8	0.01	0.6	0.2	1.2
10	4.0	Tr	0.3	0.8	1.5
D145	3.6	0.01	1.5	0.2	1.6
D146	4.2	0.01	1.5	0.2	0.8
11	4.0	Tr	2.0	0.4	1.6
12	2.0	Tr	0.4	0.8	4.3



V LEVEL



300 LEVEL

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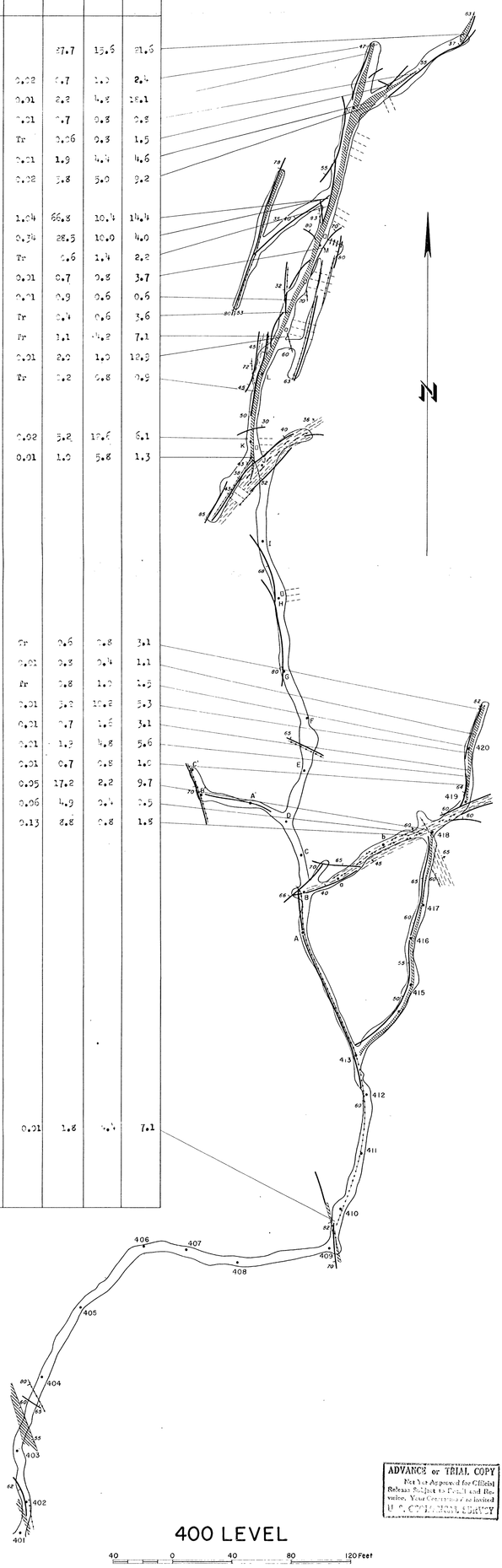
300 AND V LEVELS

40 0 40 80 120 Feet

ASSAYS

NO	WIDTH INCHES	AU OZ	AG OZ	PB %	ZN %
	30		27.7	15.6	21.6
14	18	0.02	0.7	1.0	2.4
13	12	0.01	2.2	4.9	18.1
12	36	0.01	0.7	0.3	0.8
11	12	Tr	0.06	0.3	1.5
10	36	0.01	1.9	4.4	4.6
9	36	0.02	3.8	5.0	9.2
8	8	1.04	66.8	10.4	14.4
x	12	0.34	28.5	10.0	4.0
7	36	Tr	0.6	1.4	2.2
1x	8	0.01	0.7	0.8	3.7
6	38	0.01	0.9	0.6	0.6
5	30	Tr	0.4	0.6	3.6
4	18	Tr	1.1	4.2	7.1
2x	24	0.01	2.0	1.0	12.9
3	36	Tr	0.2	0.8	0.9
2	12	0.02	5.2	10.6	6.1
1	18	0.01	1.0	5.8	1.3
10Z	18	Tr	0.6	0.8	3.1
9Z	30	0.01	0.3	0.4	1.1
8-17	28	Tr	0.8	1.0	1.5
8Z	24	0.01	3.2	10.2	5.3
7Z	30	0.01	0.7	1.6	3.1
8-16	19	0.01	1.9	4.8	5.6
11Z	24	0.01	0.7	0.9	1.0
2-18	18	0.05	17.2	2.2	9.7
2-36	52	0.06	4.9	0.4	0.5
2-37	65	0.13	8.8	0.8	1.8
12Z	12	0.01	1.8	4.4	7.1



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400 LEVEL

40 0 40 80 120 Feet

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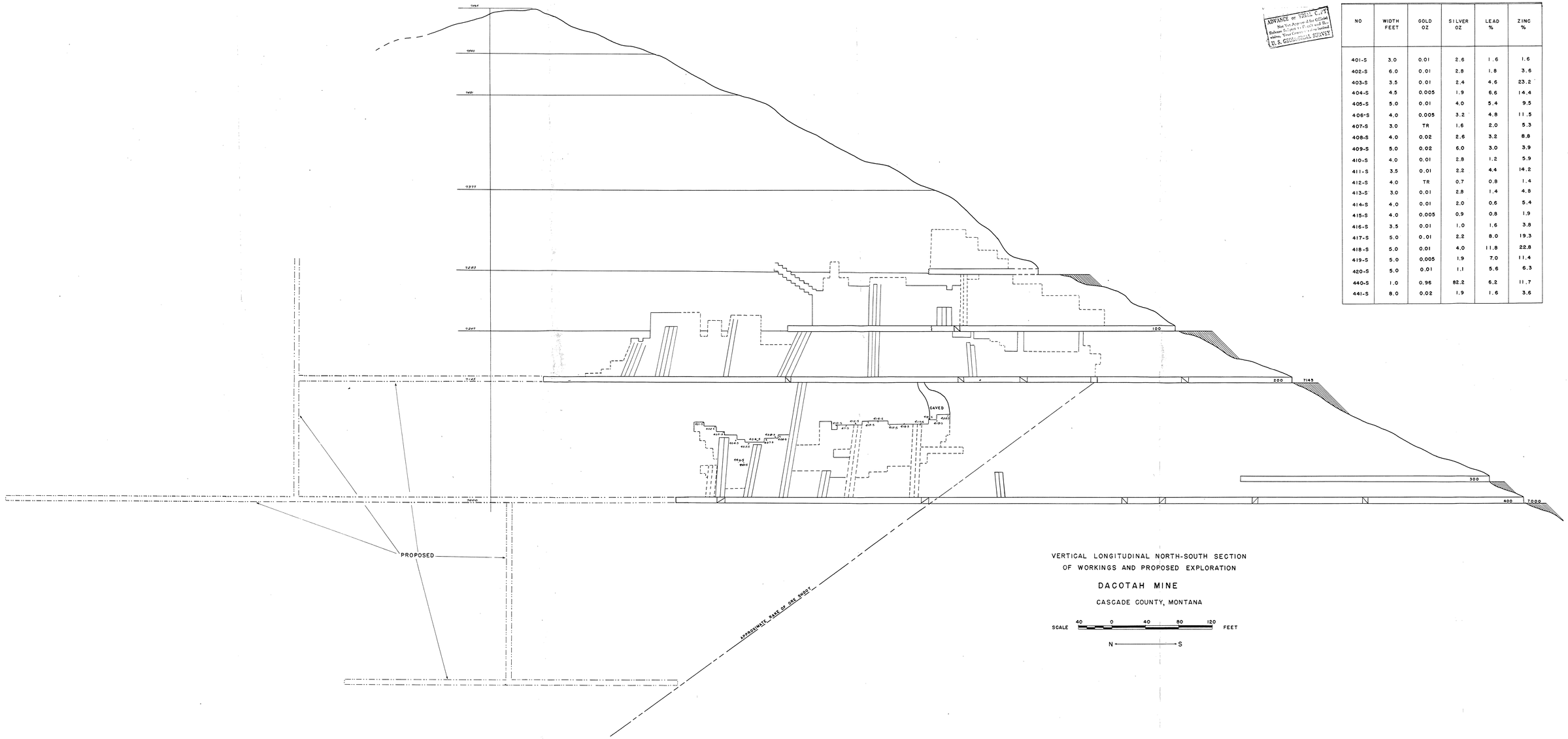


ASSAYS

NO	WIDTH FEET	GOLD OZ	SILVER OZ	LEAD %	ZINC %
401-S	3.0	0.01	2.6	1.6	1.6
402-S	6.0	0.01	2.8	1.8	3.6
403-S	3.5	0.01	2.4	4.6	23.2
404-S	4.5	0.005	1.9	6.6	14.4
405-S	5.0	0.01	4.0	5.4	9.5
406-S	4.0	0.005	3.2	4.8	11.5
407-S	3.0	TR	1.6	2.0	5.3
408-S	4.0	0.02	2.6	3.2	8.8
409-S	5.0	0.02	6.0	3.0	3.9
410-S	4.0	0.01	2.8	1.2	5.9
411-S	3.5	0.01	2.2	4.4	14.2
412-S	4.0	TR	0.7	0.8	1.4
413-S	3.0	0.01	2.8	1.4	4.8
414-S	4.0	0.01	2.0	0.6	5.4
415-S	4.0	0.005	0.9	0.8	1.9
416-S	3.5	0.01	1.0	1.6	3.8
417-S	5.0	0.01	2.2	8.0	19.3
418-S	5.0	0.01	4.0	11.8	22.8
419-S	5.0	0.005	1.9	7.0	11.4
420-S	5.0	0.01	1.1	5.6	6.3
440-S	1.0	0.96	82.2	6.2	11.7
441-S	8.0	0.02	1.9	1.6	3.6

VERTICAL LONGITUDINAL NORTH-SOUTH SECTION
OF WORKINGS AND PROPOSED EXPLORATION

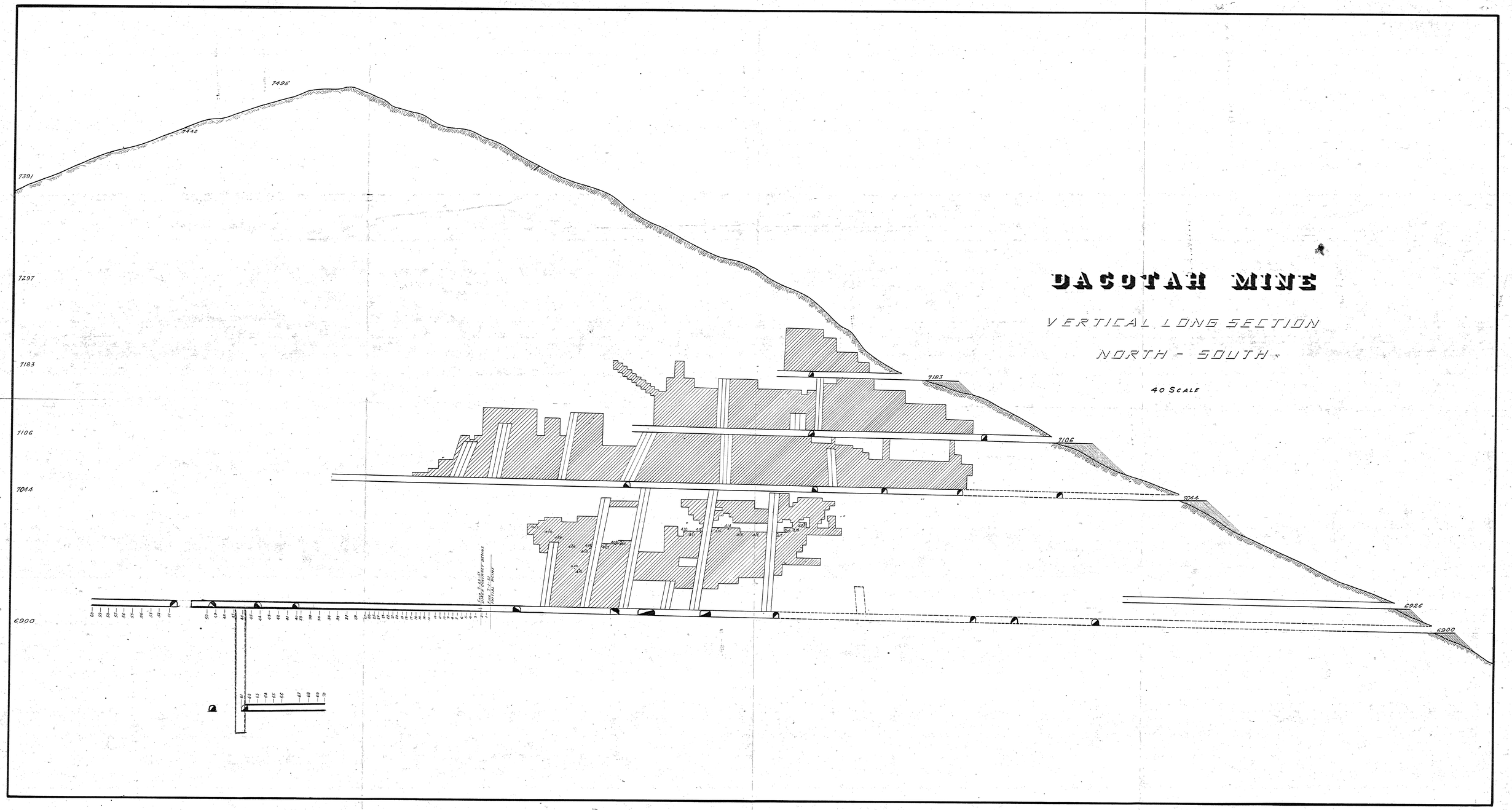
DACOTAH MINE

CASCADE COUNTY, MONTANA

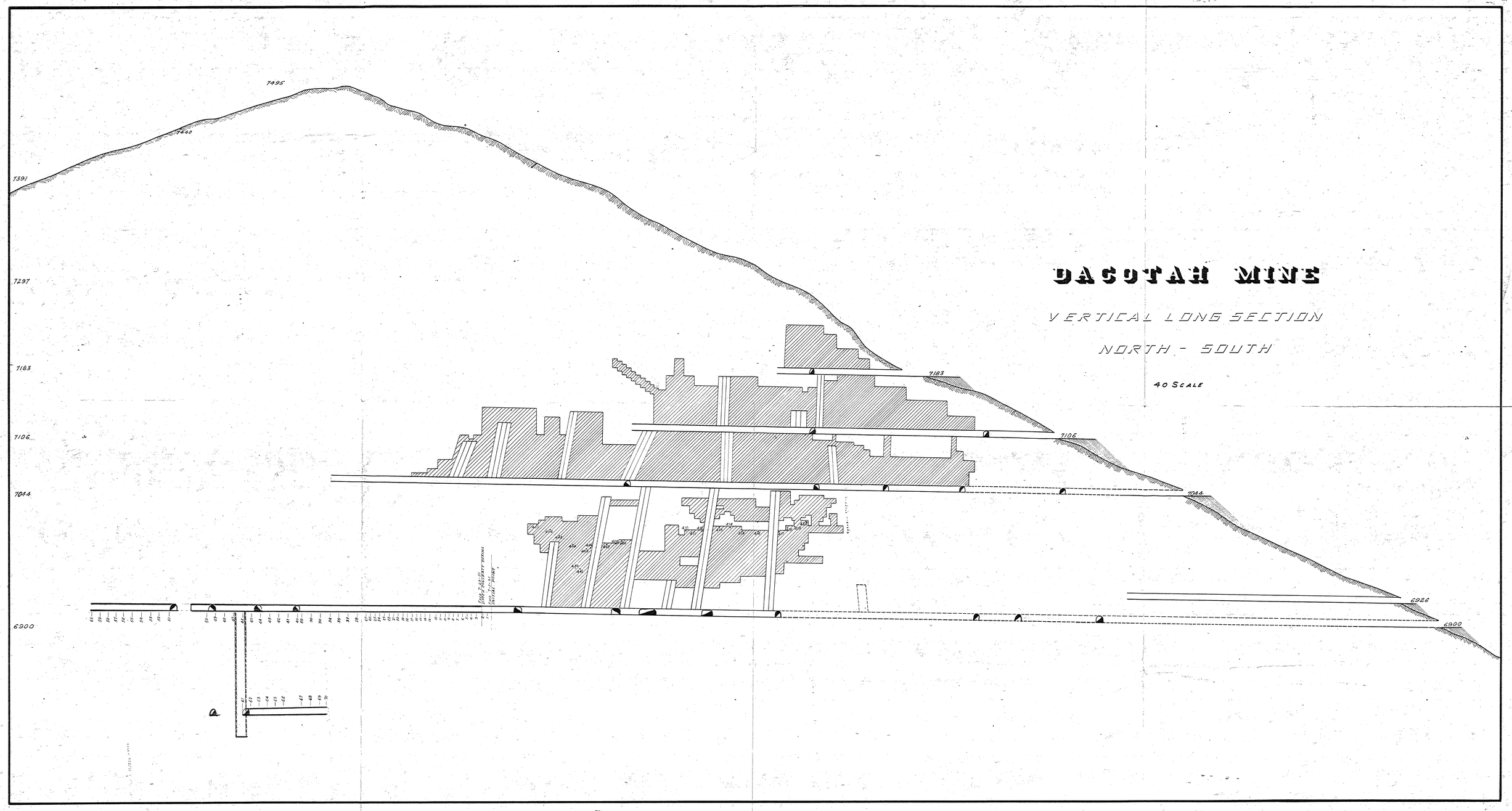
SCALE 40 0 40 80 120 FEET

N ← → S

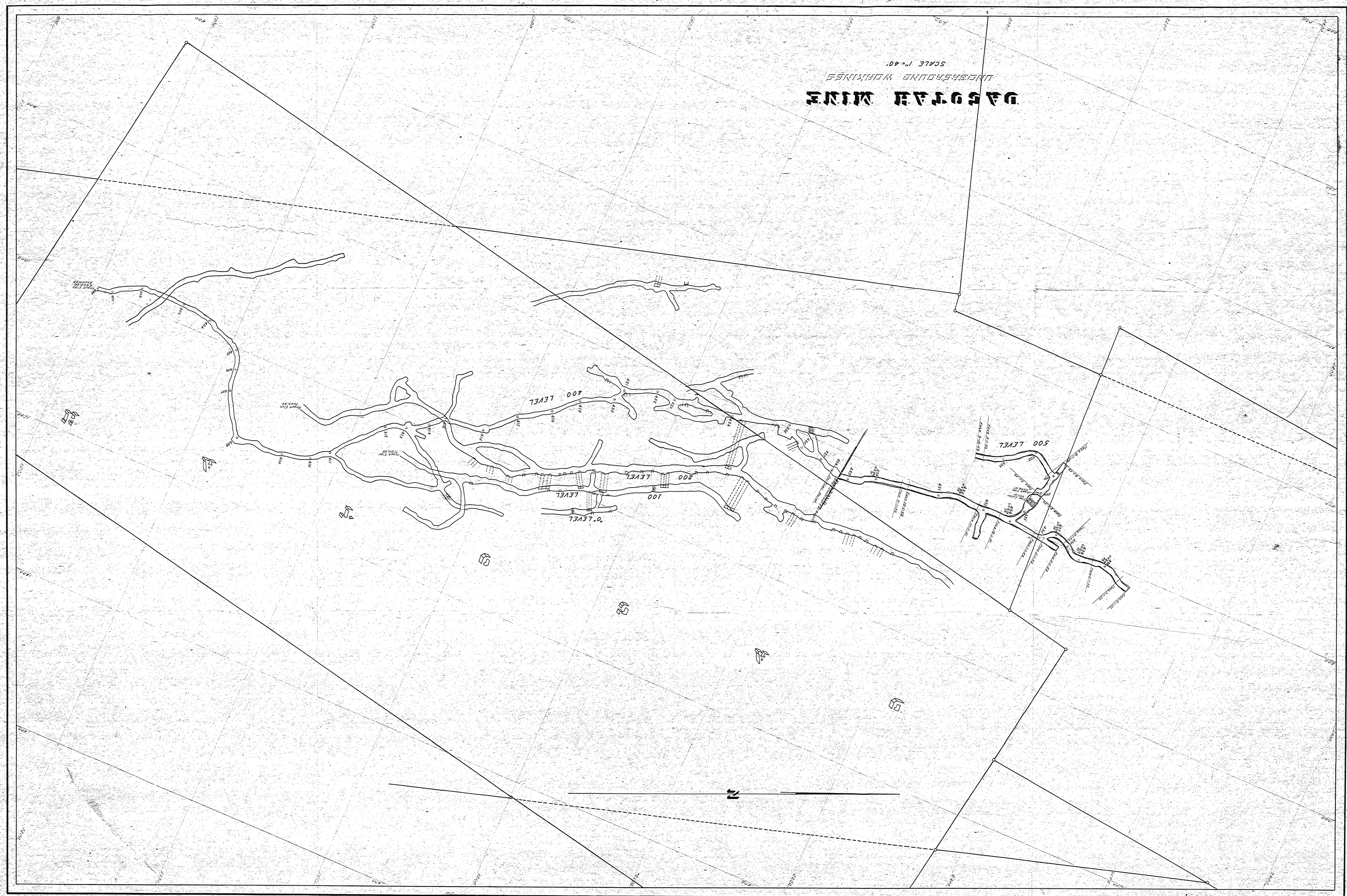
SECTION AND ASSAY DATA FROM COMPANY RECORDS

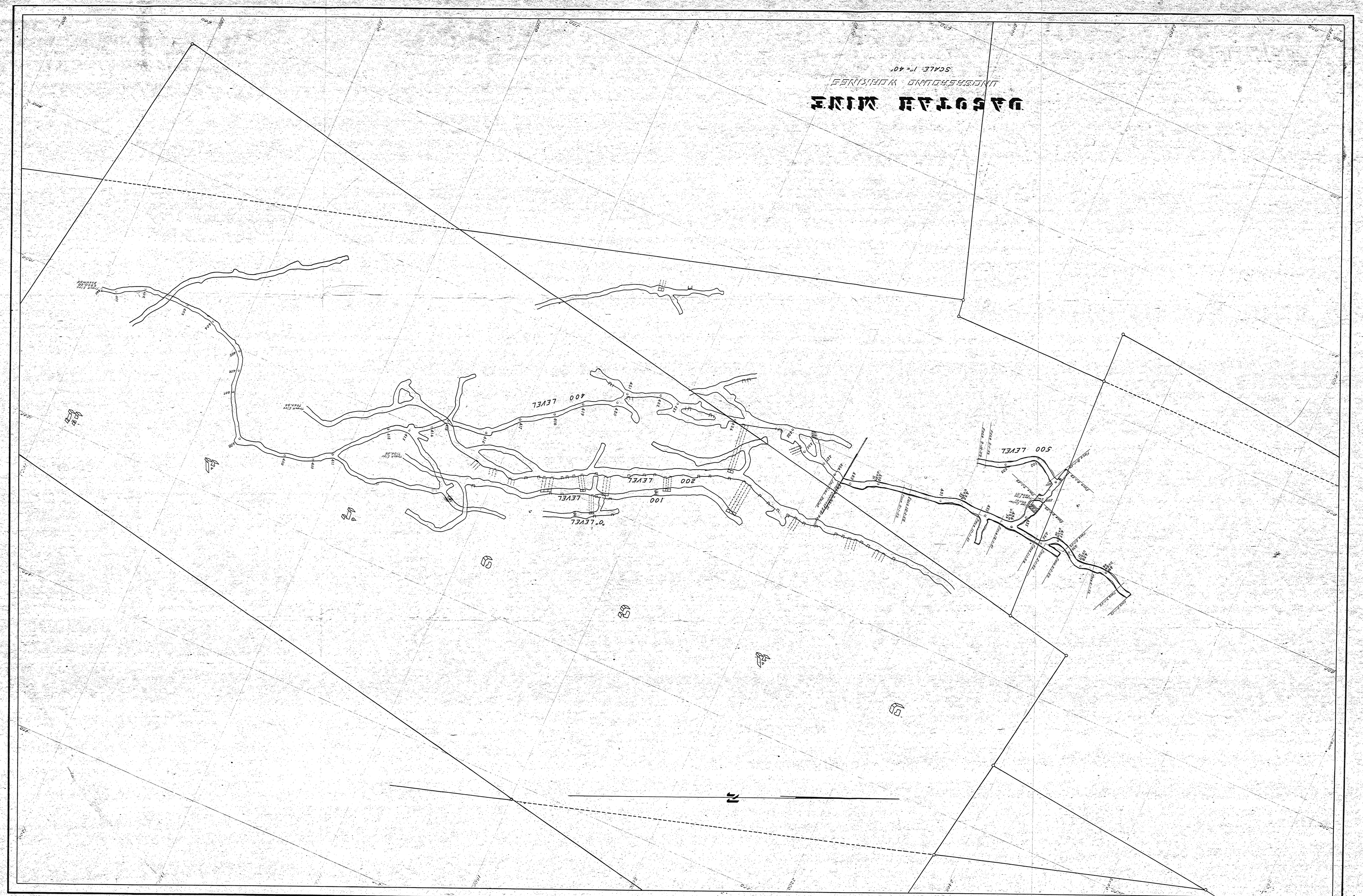

DAKOTAH MINE
VERTICAL LONG SECTION
NORTH - SOUTH
40 SCALE
7495
7440
7391
7297
7183
7106
7044
6900
7183
7106
7044
6926
6900

NO	WIDTH FEET	GOLD OZS	SILVER OZS	LEAD %	ZINC %
401	3.0	0.01	2.6	1.6	1.6
402	6.0	0.01	2.8	1.8	3.6
403	3.5	0.01	2.4	4.6	23.2
404	4.5	0.005	1.9	6.6	14.4
405	5.0	0.01	4.0	5.4	9.6
406	4.0	0.005	3.2	4.8	11.5
407	3.0	Tr	1.6	2.0	5.3
408	4.0	0.02	2.6	3.2	8.8
409	5.0	0.02	6.0	3.0	3.9
410	4.0	0.01	2.8	1.2	5.9
411	3.5	0.01	2.2	4.4	14.2
412	4.0	Tr	0.7	0.3	1.4
413	3.0	0.01	2.8	1.4	4.8
414	4.0	0.01	2.0	0.6	5.4
415	4.0	0.005	0.9	0.8	1.9
416	3.5	0.01	1.0	1.6	3.8
417	5.0	0.01	2.2	8.0	19.3
418	5.0	0.01	4.0	11.8	22.8
419	5.0	0.005	1.9	7.0	11.4
420	5.0	0.01	1.1	5.6	6.3
440	1.0	0.96	82.2	6.2	11.7
441	8.0	0.02	1.9	1.6	3.6
1	10.0	---	5.0	11.5	12.0
2	6.5	---	6.8	2.8	5.1
3	7.0	---	1.6	3.2	7.4
4	2.0	---	1.4	7.0	13.6
5	2.8	---	3.0	17.4	16.5
6	2.7	---	2.1	7.8	17.7
7	2.0	---	3.8	9.8	11.3
8	3.0	---	0.8	0.6	0.7
9	2.0	---	1.6	0.6	0.6
10	1.5	---	0.6	0.8	0.4
11	1.5	---	1.2	0.4	1.7
12	2.5	---	1.8	1.5	2.2
13	2.5	---	1.2	3.0	6.1
14	3.5	---	2.8	0.6	1.7
15	4.0	---	2.2	0.6	0.6
16	4.0	---	2.6	1.4	5.9
17	4.0	---	4.3	0.6	0.6
18	3.5	---	10.4	0.4	0.2
19	3.0	---	4.0	0.6	3.1
20	3.0	---	3.7	2.8	8.1
21	2.0	---	2.8	1.0	1.7
22	1.3	---	1.7	0.6	2.0
23	2.7	---	0.9	1.2	1.2
24	3.0	---	3.9	5.2	6.2
25	4.0	---	1.0	3.4	1.2
26	3.5	---	3.1	0.4	0.4
27	4.5	---	1.2	0.4	1.2
29	2.5	---	2.4	0.6	0.7
31	3.0	---	3.2	0.6	0.8
33	4.0	---	1.4	0.4	4.6
34	2.5	---	0.8	0.4	0.3
36	1.3	---	0.6	0.4	1.3
38	1.5	---	0.9	0.6	1.9
39	2.3	---	0.5	0.4	0.9
40	3.0	---	2.8	7.0	10.6
41	4.0	---	1.3	1.2	2.4
42	2.0	---	3.2	8.2	3.1
43	1.5	---	1.3	0.4	5.4
44	2.5	---	0.6	0.2	0.2
45	2.5	---	2.8	0.4	0.4
46	2.5	---	1.5	0.4	0.1
47	2.5	---	1.2	0.6	0.8
48	3.5	---	0.7	0.2	0.2
49	1.75	---	0.8	0.6	0.6
50	1.30	---	1.8	0.6	3.8
51	1.30	---	1.2	0.4	0.2
52	0.50	---	0.4	0.4	0.7
53	3.0	---	0.3	0.2	0.6
54	1.0	---	0.3	0.6	0.4
55	1.0	---	0.5	0.6	0.2
56	4.0	---	0.3	0.4	0.2
57	1.0	---	2.3	9.2	0.5
58	2.5	---	2.6	10.8	6.4
59	1.0	---	2.8	6.0	12.2
60A Hall	1.75	---	1.8	6.2	6.6
60BFall	2.50	---	2.6	1.2	2.4
60 Avr	4.25	---	2.3	3.25	4.10
61	4.0	---	2.4	3.8	31.8
62	2.0	---	1.4	0.5	7.4
63	1.25	---	4.0	2.0	15.8
64	1.50	---	0.6	0.5	3.1
65	3.00	---	1.2	0.5	16.7
66	3.0	---	2.5	2.0	3.2
67	2.0	---	1.0	0.6	1.7
68	1.5	---	0.4	0.3	0.5
69	2.0	---	1.5	4.0	23.4
70	2.0	---	1.0	3.6	21.8


DAKOTAH MINE
VERTICAL LONG SECTION
NORTH - SOUTH
40 SCALE
7495
7440
7391
7297
7183
7106
7044
6900
6926
7183
7106
7044
6900

NO	WIDTH FEET	GOLD OZS	SILVER OZS	LEAD %	ZINC %
401	3.0	0.01	2.6	1.6	1.6
402	6.0	0.01	2.8	1.8	3.6
403	3.5	0.01	2.4	4.6	23.2
404	4.5	0.005	1.9	6.6	14.4
405	5.0	0.01	4.0	5.4	9.5
406	4.0	0.005	3.2	4.8	11.5
407	3.0	Tr	1.6	2.0	5.3
408	4.0	0.02	2.6	3.2	8.8
409	5.0	0.02	6.0	3.0	3.9
410	4.0	0.01	2.8	1.2	5.9
411	3.5	0.01	2.2	4.4	14.2
412	4.0	Tr	0.7	0.8	1.4
413	3.0	0.01	2.8	1.4	4.8
414	4.0	0.01	2.0	0.6	5.4
415	4.0	0.005	0.9	0.8	1.9
416	3.5	0.01	1.0	1.6	3.8
417	5.0	0.01	2.2	8.0	19.3
418	5.0	0.01	4.0	11.8	22.8
419	5.0	0.005	1.9	7.0	11.4
420	5.0	0.01	1.1	5.6	6.3
440	1.0	0.96	82.2	6.2	11.7
441	8.0	0.02	1.9	1.6	3.6
1	10.0	---	5.0	11.5	12.0
2	6.5	---	6.8	2.6	5.1
3	7.0	---	1.6	3.2	7.4
4	2.0	---	1.4	7.0	13.6
5	2.8	---	3.0	17.4	16.5
6	2.7	---	2.1	7.8	17.7
7	2.0	---	3.8	9.8	11.3
8	3.0	---	0.8	0.6	0.7
9	2.0	---	1.8	0.6	0.6
10	1.5	---	0.6	0.8	0.4
11	1.5	---	1.2	0.4	1.7
12	2.5	---	1.8	1.5	2.2
13	2.5	---	1.2	3.0	8.1
14	3.5	---	2.6	0.6	1.7
15	4.0	---	2.2	0.3	0.6
16	4.0	---	2.6	1.4	5.9
17	4.0	---	4.3	0.6	0.6
18	3.5	---	10.4	0.4	0.2
19	3.0	---	4.0	0.6	3.1
20	3.0	---	3.7	2.8	8.1
21	2.0	---	2.8	1.0	1.7
22	1.3	---	1.7	0.8	2.0
23	2.7	---	0.9	1.2	1.2
24	3.0	---	3.9	5.2	6.2
25	4.0	---	1.0	3.4	1.2
26	3.5	---	3.1	0.4	0.4
27	4.5	---	1.2	0.4	1.2
29	2.5	---	2.4	0.6	0.7
31	3.0	---	3.2	0.6	0.8
33	4.0	---	1.4	0.4	4.6
34	2.5	---	0.8	0.4	0.3
36	1.3	---	0.6	0.4	1.3
38	1.5	---	0.9	0.6	1.9
39	2.3	---	0.5	0.4	0.9
40	3.0	---	2.8	7.0	10.6
41	4.0	---	1.8	1.2	2.4
42	2.0	---	3.2	8.2	3.1
43	1.5	---	1.3	0.4	5.4
44	2.5	---	0.6	0.2	0.2
45	2.5	---	2.6	0.4	0.4
46	2.5	---	1.5	0.4	0.1
47	2.5	---	1.2	0.8	0.8
48	3.5	---	0.7	0.2	0.2
49	1.75	---	0.8	0.6	0.6
50	1.30	---	1.8	0.6	3.8
51	1.30	---	1.2	0.4	0.2
52	0.50	---	0.4	0.4	0.7
53	3.0	---	0.3	0.2	0.6
54	1.0	---	0.3	0.6	0.4
55	1.0	---	0.5	0.6	0.2
56	4.0	---	0.3	0.4	0.2
57	1.0	---	2.3	9.2	0.5
58	2.5	---	2.6	10.8	6.4
59	1.0	---	2.8	6.0	12.2
60A H.Hall	1.75	---	1.8	6.2	6.6
60BF.Hall	2.50	---	2.6	1.2	2.4
60 Avr	4.25	---	2.3	3.25	4.10
61	4.0	---	2.4	3.8	31.8
62	2.0	---	1.4	0.5	7.4
63	1.25	---	4.0	2.0	15.8
64	1.50	---	0.8	0.5	3.1
65	3.00	---	1.2	0.5	16.7
66	3.0	---	2.5	2.0	3.2
67	2.0	---	1.0	0.6	1.7
68	1.5	---	0.4	0.3	0.5
69	2.0	---	1.5	4.0	23.4
70	2.0	---	1.0	3.6	21.8


MINE MAPPING
UNDERGROUND WORKINGS
SCALE 1"=40'
0' LEVEL
100 LEVEL
200 LEVEL
400 LEVEL
500 LEVEL
N


UNDERGROUND WORKINGS
SCALE 1" = 40'
0" LEVEL
100 LEVEL
200 LEVEL
400 LEVEL
500 LEVEL