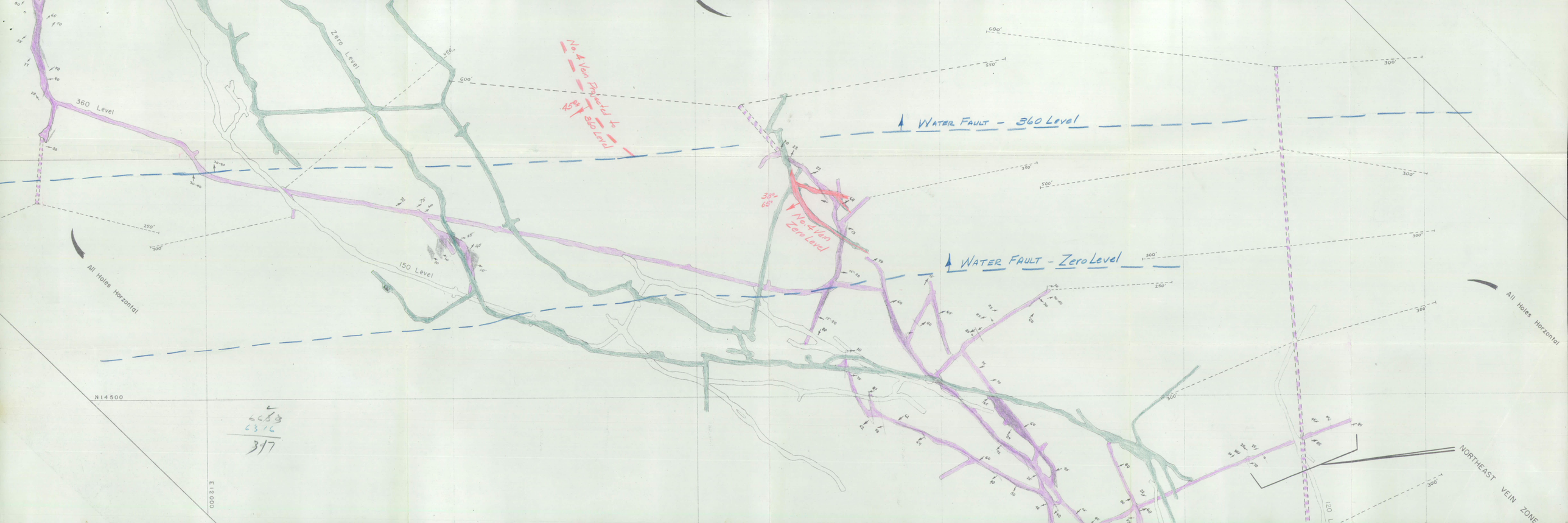
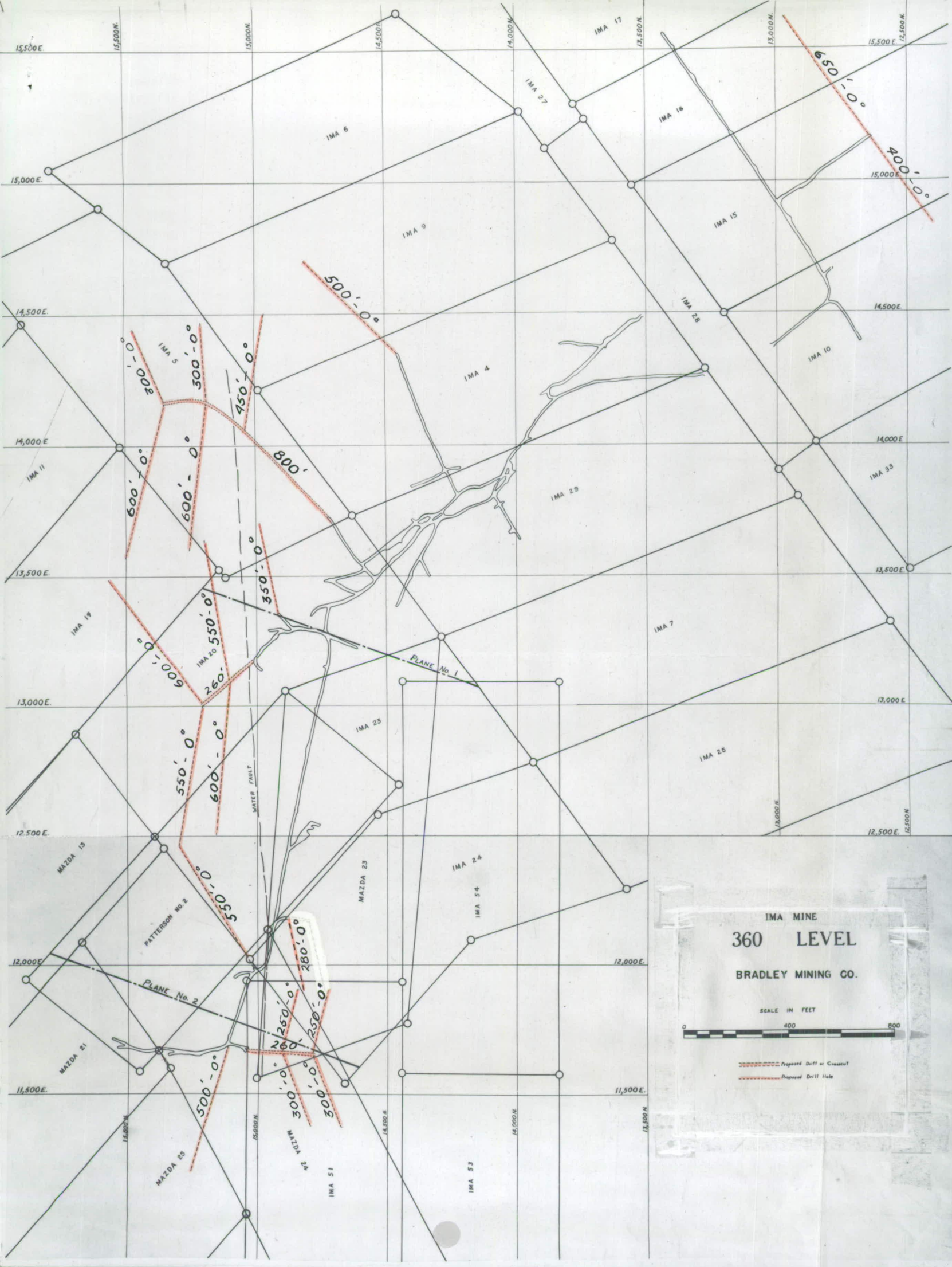
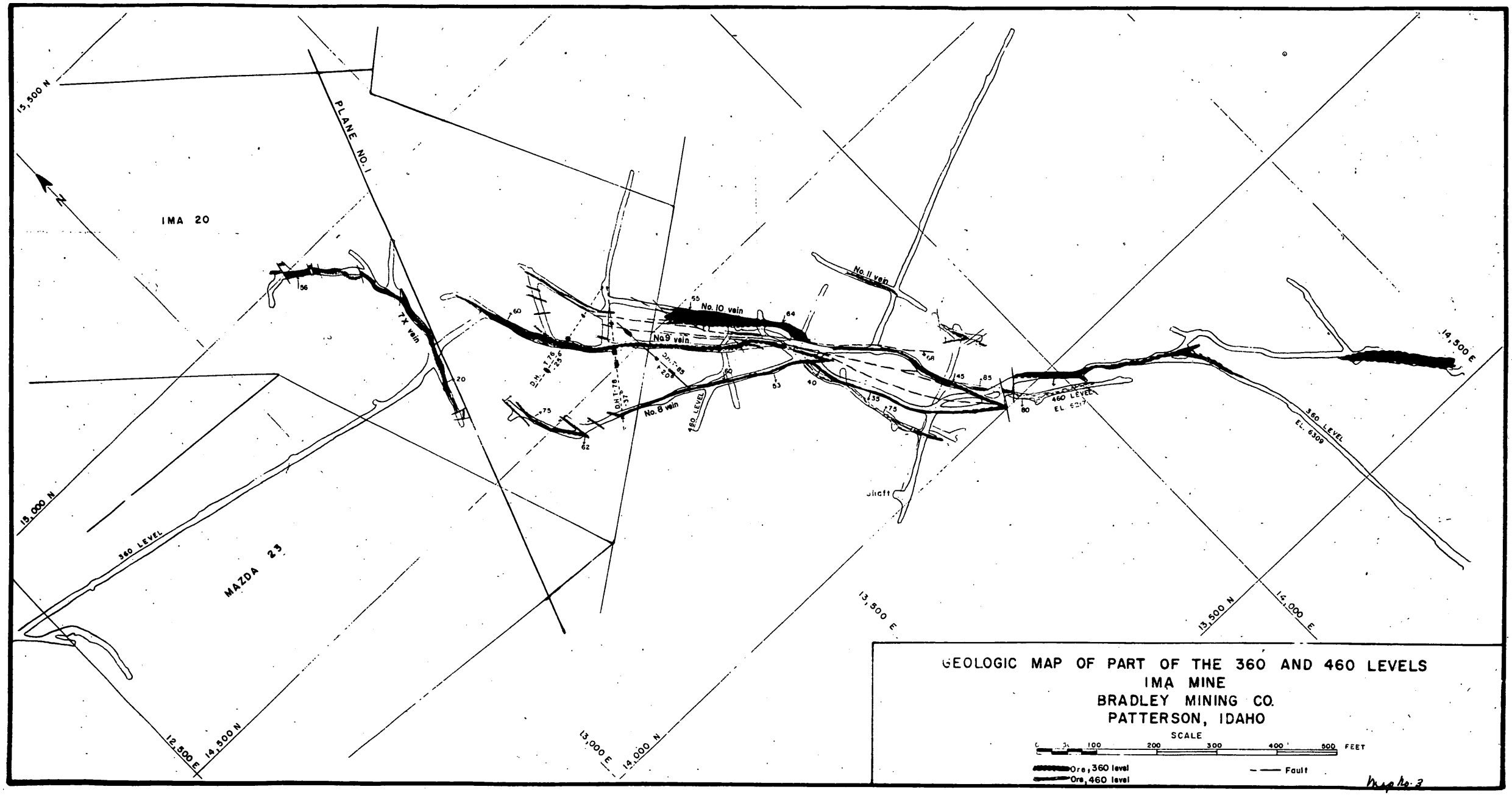

360 Level
Zero Level
150 Level
120 Level
No. 4 Vein Projected to 360 Level
No. 4 Vein Zero Level
WATER FAULT - 360 Level
WATER FAULT - Zero Level
All Holes Horizontal
All Holes Horizontal
NORTHEAST VEIN ZONE
N14500
E12000
6683
6316
317


IMA MINE
360 LEVEL
BRADLEY MINING CO.
SCALE IN FEET
0
400
800
Proposed Drift or Crosscut
Proposed Drill Hole
15,500 E.
15,000 E.
14,500 E.
14,000 E.
13,500 E.
13,000 E.
12,500 E.
12,000 E.
11,500 E.
15,500 N.
15,000 N.
14,500 N.
14,000 N.
13,500 N.
13,000 N.
12,500 N.
IMA 6
IMA 9
IMA 4
IMA 29
IMA 7
IMA 25
IMA 23
IMA 24
IMA 54
IMA 53
IMA 51
IMA 17
IMA 27
IMA 16
IMA 15
IMA 28
IMA 10
IMA 33
IMA 5
IMA 11
IMA 19
IMA 20
MAZDA 13
PATTERSON NO 2
MAZDA 23
MAZDA 21
MAZDA 25
MAZDA 24
WATER FAULT
PLANE No. 1
PLANE No. 2
650'-0°
400'-0°
500'-0°
200'-0°
300'-0°
450'-0°
800'
600'-0°
600'-0°
350'-0°
550'-0°
260'
600'-0°
550'-0°
600'-0°
550'-0°
280'-0°
250'-0°
250'-0°
260'
500'-0°
300'-0°
300'-0°

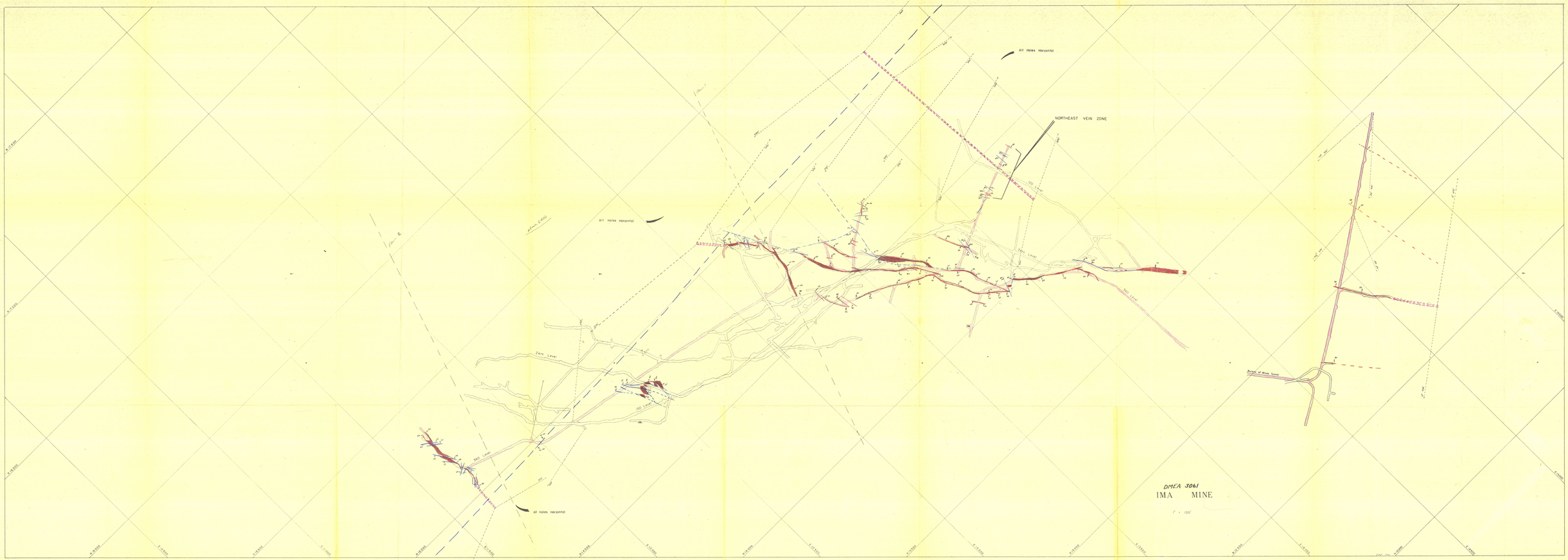

GEOLOGIC MAP OF PART OF THE 360 AND 460 LEVELS
IMA MINE
BRADLEY MINING CO.
PATTERSON, IDAHO
SCALE
0 50 100 200 300 400 500 FEET
Ore, 360 level
Ore, 460 level
Fault
map no. 3
IMA 20
MAZDA 23
PLANE NO. 1
TX vein
No. 8 vein
No. 9 vein
No. 10 vein
No. 11 vein
180 LEVEL
360 LEVEL
460 LEVEL
EL. 6309
shaft
15,500 N
15,000 N
14,500 N
14,000 N
13,500 N
12,500 E
13,000 E
13,500 E
14,000 E
14,500 E

ALL CORRESPONDENCE TRANSFERRED TO

DMEA 2635; TO BE HANDLED AS PROPOSED AMENDED

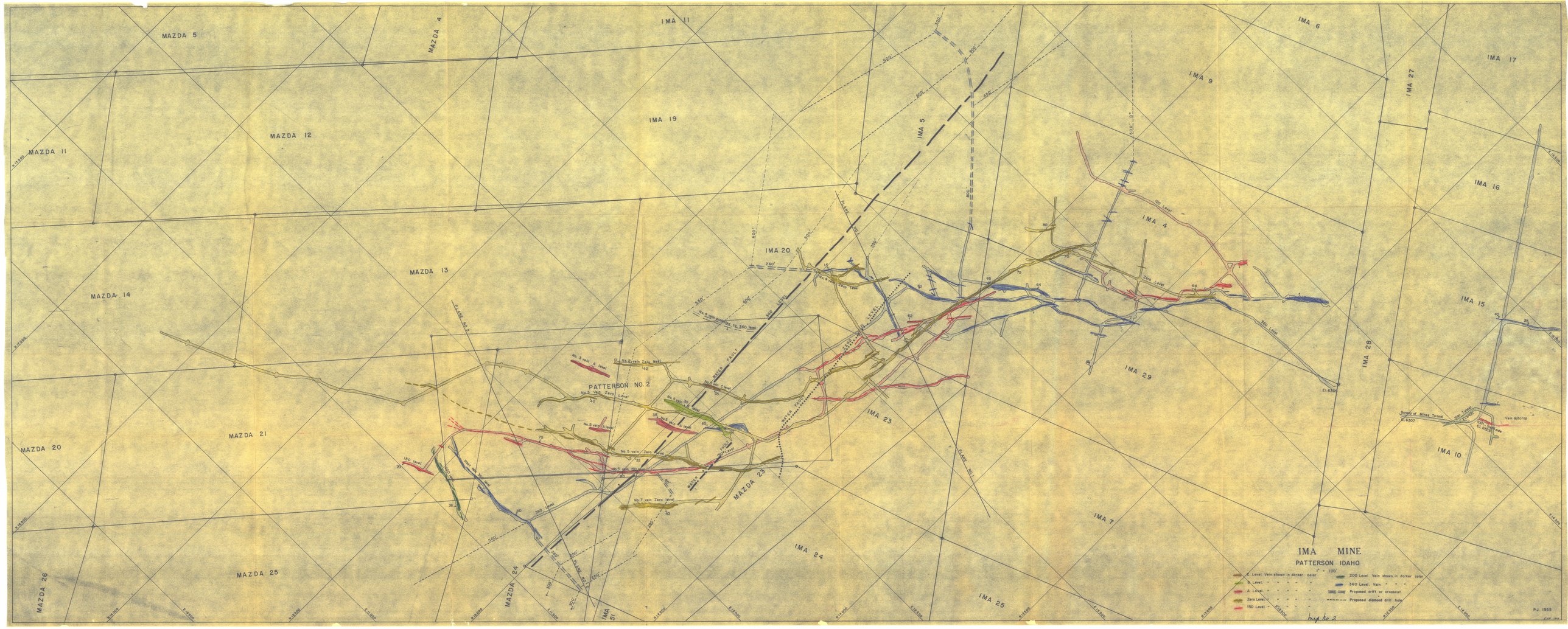
CONTRACT.

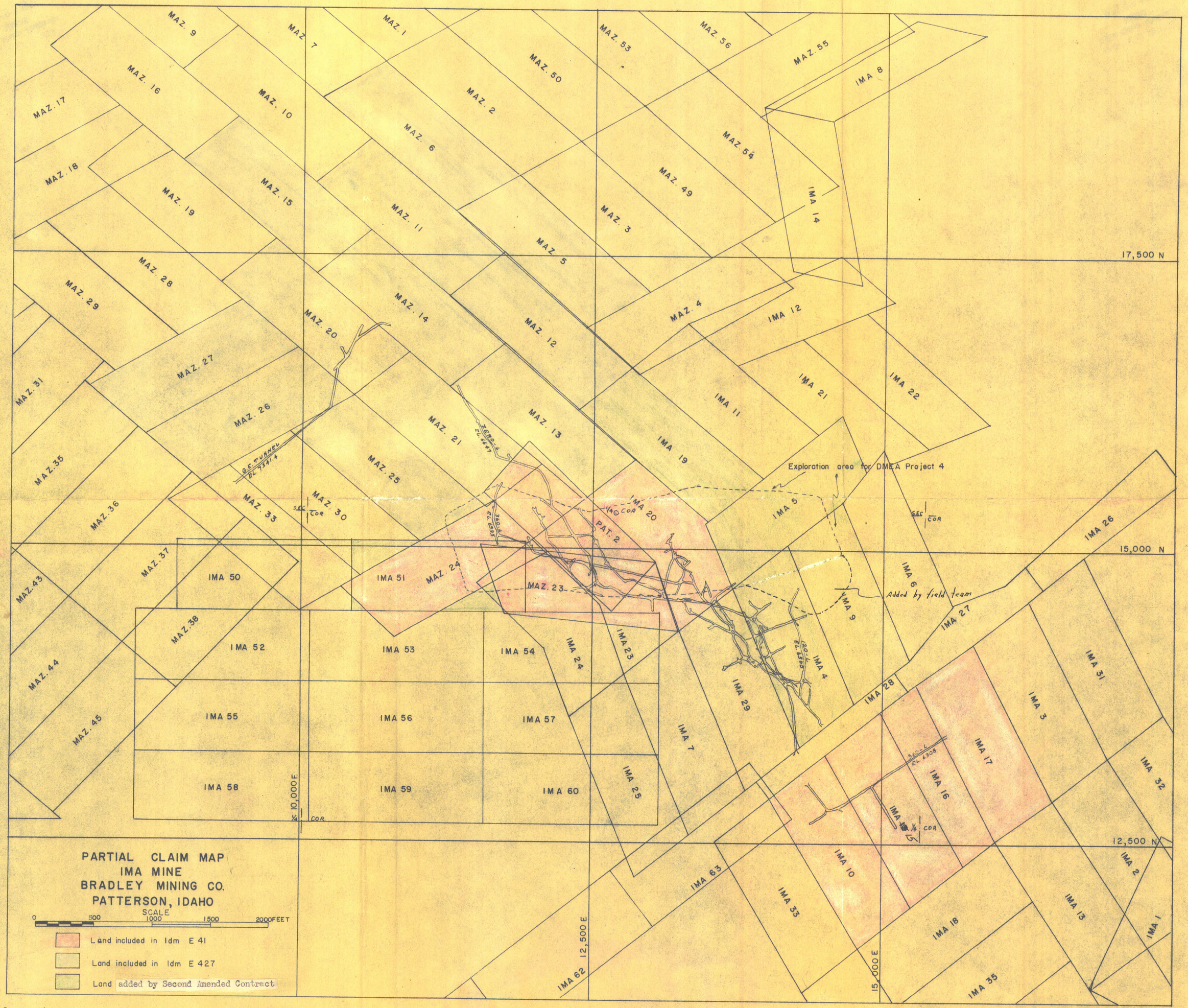
This application withdrawn


All Holes Horizontal
NORTHEAST VEIN ZONE
All Holes Horizontal
All Holes Horizontal
Zero Level
Zero Level
100 Level
100 Level
100 Level
Bottom of Mine Level
DMEA 3061
IMA MINE
1" = 100'

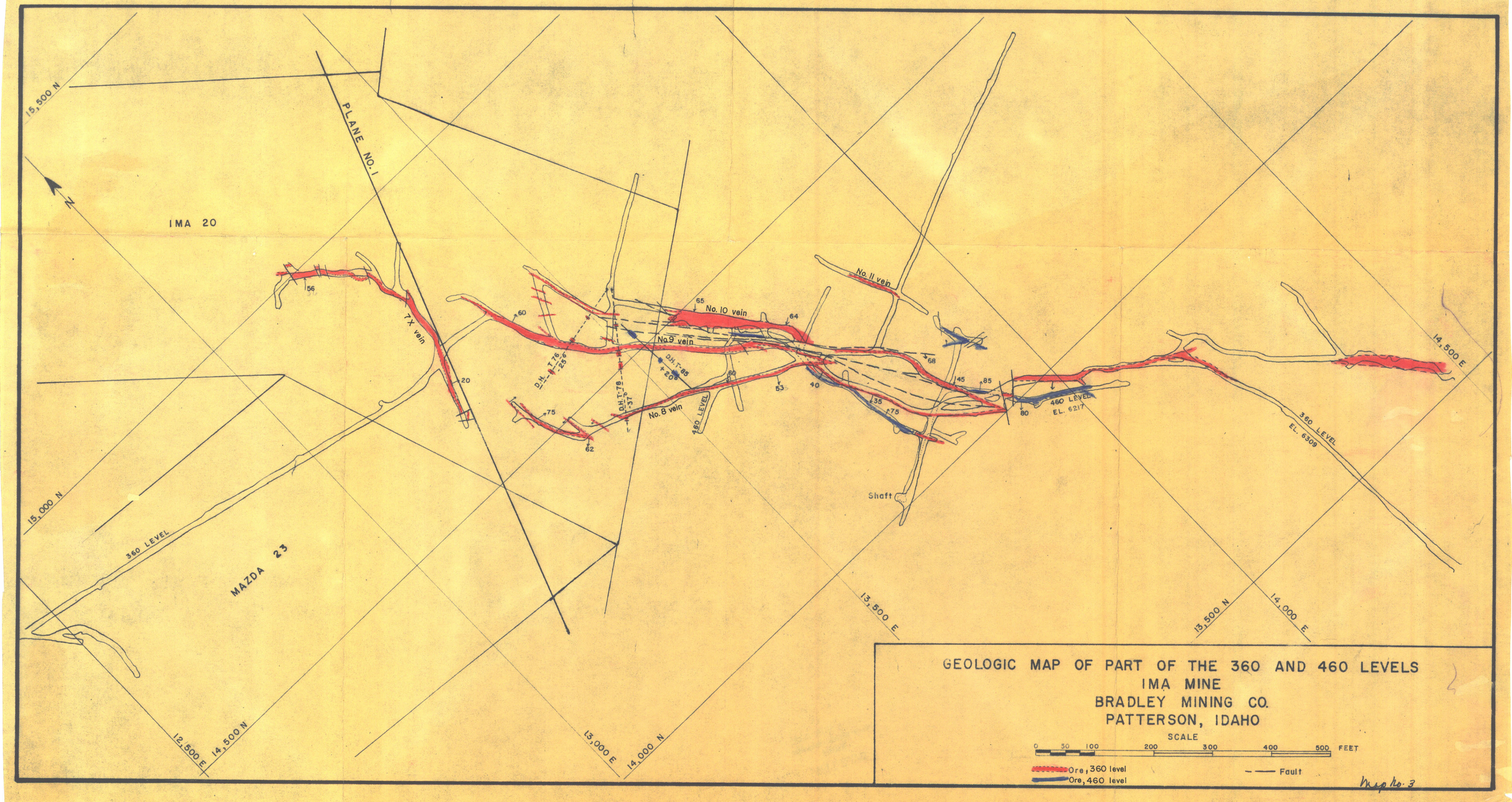
DMEA-3061

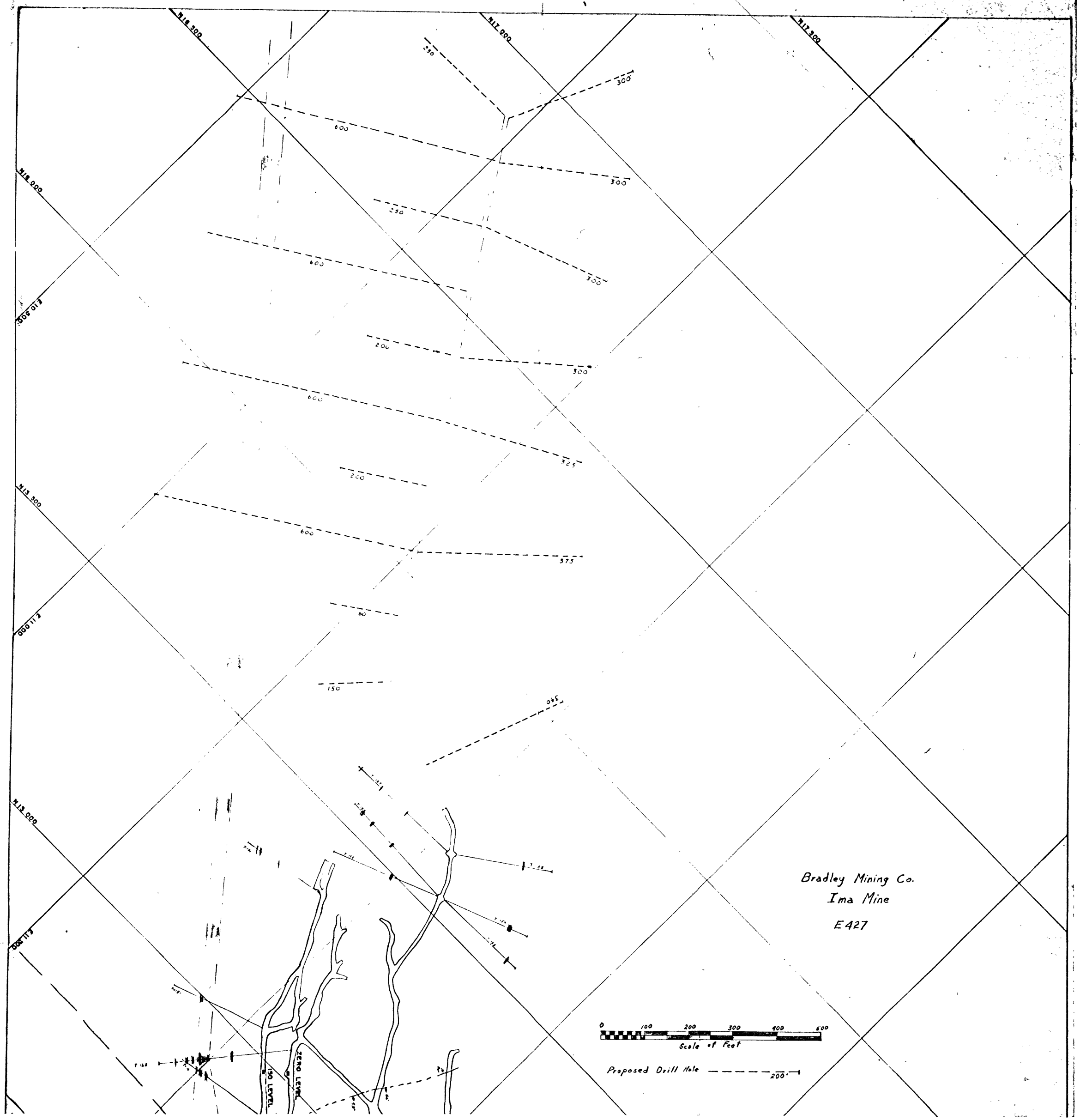
COMPOSITE GEOLOGIC MAP OF IMA MINE WORKINGS
BRADLEY MINING CO.
PATTERSON, IDAHO
SCALE
0 50 100 200 300 400 500 600 feet
Some workings omitted for clarity
C Level. Vein shown in darker color
B Level. " " " "
A Level. " " " "
Zero Level. " " " "
120-150 Level." " " "
800 Level. Vein shown in darker color.
360 Level. " " " "
250' Proposed drift or crosscut, showing length
600' Proposed diamond drill hole, showing length
Peter Joralemon
December 18, 1954
120 level
360 level
El. 6309
Bureau of Mines Tunnel
El. 6307
WATER FAULT
ZERO LEVEL
360 LEVEL
150 LEVEL
No. 4 vein, Zero level
No. 4 vein projected to 360 level
No. 5 vein C level
No. 5 vein B level
No. 5 vein A level
No. 5 vein Zero level
No. 5 vein 150 level
No. 3 vein Zero level
No. 3 vein A level
No. 2 vein Zero level
No. 7 vein Zero level
West vein
200 level
150 level
Ima 20
Mazda 13
Mazda 23
Mazda 24
Patterson 2
N

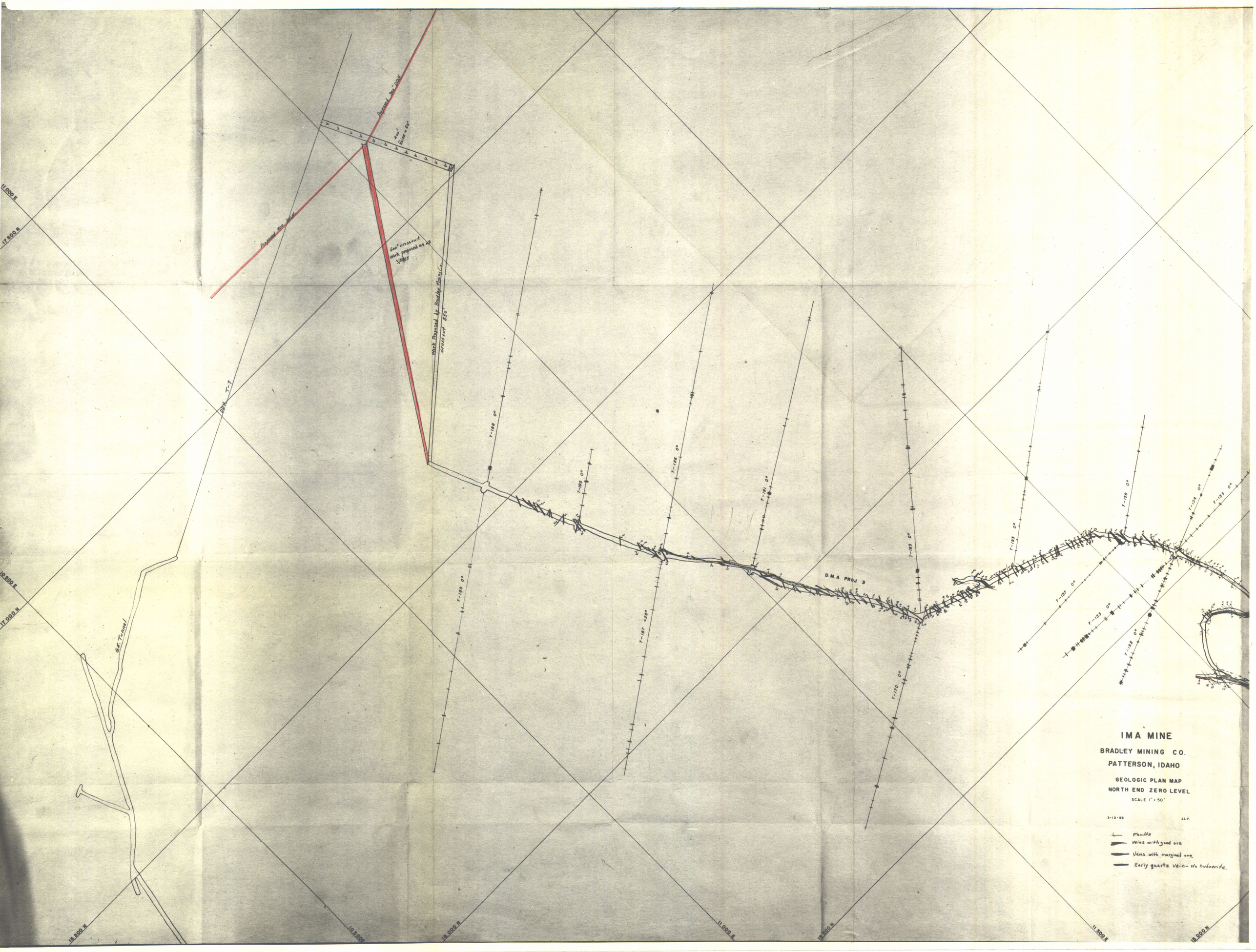

IMA MINE
PATTERSON IDAHO
1" = 100'
C Level. Vein shown in darker color
B Level. " " " "
A Level. " " " "
Zero Level. " " " "
150 Level. " " " "
200 Level. Vein shown in darker color
360 Level. Vein " " "
Proposed drift or crosscut
Proposed diamond drill hole
PATTERSON NO. 2
MAZDA 5
MAZDA 4
MAZDA 11
MAZDA 12
MAZDA 13
MAZDA 14
MAZDA 20
MAZDA 21
MAZDA 23
MAZDA 24
MAZDA 25
MAZDA 26
IMA 11
IMA 19
IMA 20
IMA 5
IMA 6
IMA 9
IMA 4
IMA 17
IMA 27
IMA 16
IMA 15
IMA 28
IMA 29
IMA 23
IMA 7
IMA 24
IMA 25
IMA 10
IMA 51
150 Level
200 Level
360 Level
Zero Level
B Level
A Level
C Level
Bureau of Mines Tunnel
Vein outcrop
P.J. 1955
map no. 2

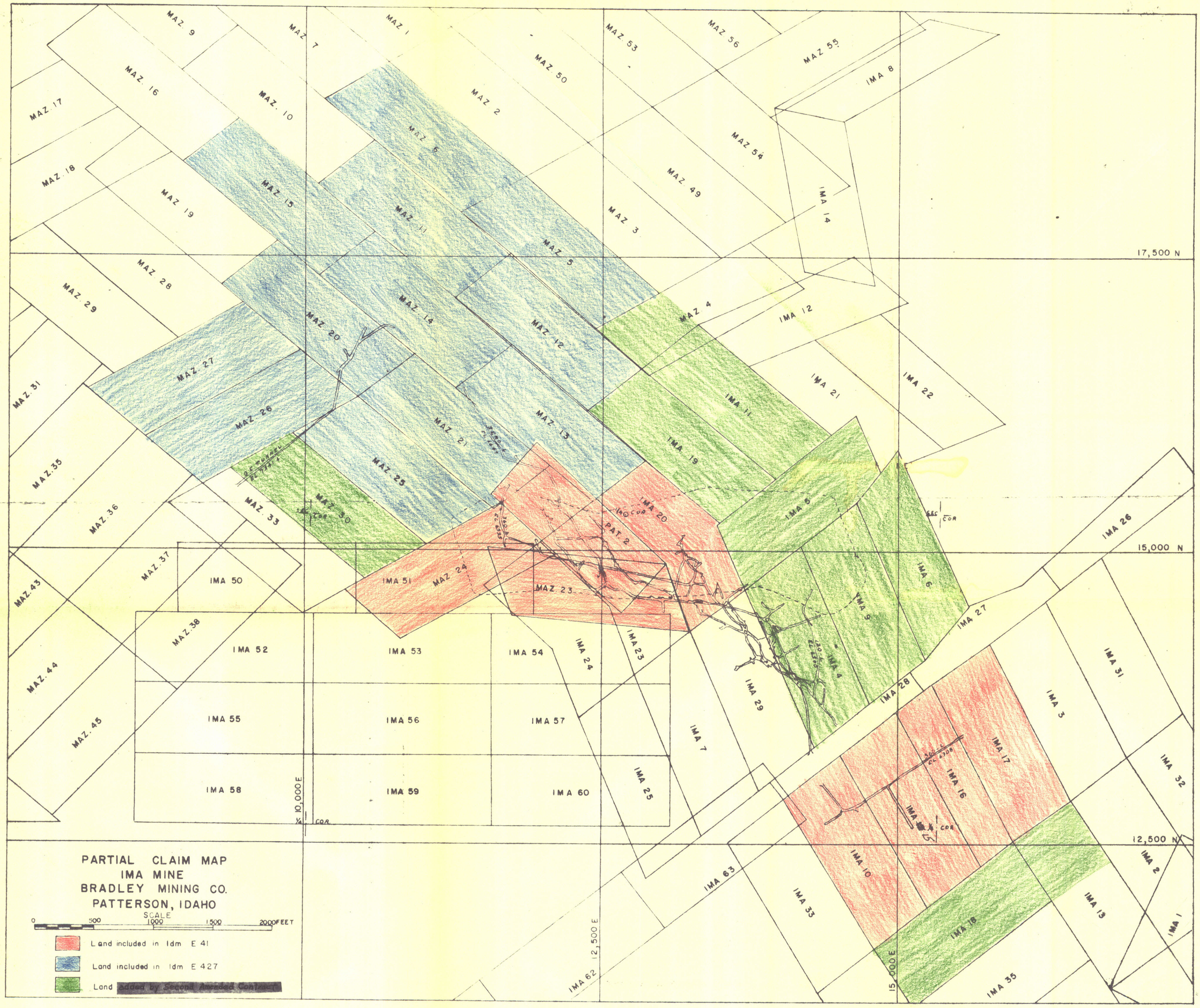

PARTIAL CLAIM MAP
IMA MINE
BRADLEY MINING CO.
PATTERSON, IDAHO
SCALE
0 500 1000 1500 2000 FEET
Land included in Idm E 41
Land included in Idm E 427
Land added by Second Amended Contract
Exploration area for DMEA Project 4
Added by field team
17,500 N
15,000 N
12,500 N
10,000 E
12,500 E
15,000 E
PAT. 2
G.E. TUNNEL
EL 7341.4
ZERO-L
EL 6647
360-L
EL 6395
360-L
EL 6358
360-L
EL 6308
SEC COR
1/4 COR
MAZ. 1
MAZ. 2
MAZ. 3
MAZ. 4
MAZ. 5
MAZ. 6
MAZ. 7
MAZ. 9
MAZ. 10
MAZ. 11
MAZ. 12
MAZ. 13
MAZ. 14
MAZ. 15
MAZ. 16
MAZ. 17
MAZ. 18
MAZ. 19
MAZ. 20
MAZ. 21
MAZ. 23
MAZ. 24
MAZ. 25
MAZ. 26
MAZ. 27
MAZ. 28
MAZ. 29
MAZ. 30
MAZ. 31
MAZ. 33
MAZ. 35
MAZ. 36
MAZ. 37
MAZ. 38
MAZ. 43
MAZ. 44
MAZ. 45
MAZ. 49
MAZ. 50
MAZ. 53
MAZ. 54
MAZ. 55
MAZ. 56
IMA 1
IMA 2
IMA 3
IMA 4
IMA 5
IMA 6
IMA 7
IMA 8
IMA 9
IMA 10
IMA 11
IMA 12
IMA 13
IMA 14
IMA 16
IMA 17
IMA 18
IMA 19
IMA 20
IMA 21
IMA 22
IMA 23
IMA 24
IMA 25
IMA 26
IMA 27
IMA 28
IMA 29
IMA 31
IMA 32
IMA 33
IMA 35
IMA 50
IMA 51
IMA 52
IMA 53
IMA 54
IMA 55
IMA 56
IMA 57
IMA 58
IMA 59
IMA 60
IMA 62
IMA 63

Map No. 1


GEOLOGIC MAP OF PART OF THE 360 AND 460 LEVELS
IMA MINE
BRADLEY MINING CO.
PATTERSON, IDAHO
SCALE
0 30 100 200 300 400 500 FEET
Ore, 360 level
Ore, 460 level
Fault
Map No. 3
N
IMA 20
MAZDA 23
PLANE NO. 1
7X vein
No. 8 vein
No. 9 vein
No. 10 vein
No. 11 vein
460 LEVEL
360 LEVEL
460 LEVEL
EL. 6217
360 LEVEL
EL. 6309
Shaft
D.H. T-76
-25°
D.H. T-79
-31°
D.H. T-85
+20°
15,500 N
15,000 N
14,500 N
13,500 N
12,500 E
13,000 E
13,500 E
14,000 E
14,500 E


N18 500
N17 000
N17 500
N18 000
E10 500
N13 500
E11 000
N13 000
E11 500
250
300
600
300
250
600
300
200
300
600
325
200
600
375
60
150
340
150 LEVEL
ZERO LEVEL
Bradley Mining Co.
Ima Mine
E427
0 100 200 300 400 500
Scale of Feet
Proposed Drill Hole
200'


IMA MINE
BRADLEY MINING CO.
PATTERSON, IDAHO
GEOLOGIC PLAN MAP
NORTH END ZERO LEVEL
SCALE 1" = 50'
3-12-59
J.L.F.
Faults
Veins with good ore
Veins with marginal ore
Early quartz vein - No hubnerite.
Proposed 50' point
Proposed 50' point
400' Cross-cut
600' crosscut
Work proposed as of 3/1/59
Work Proposed by Bradley Mining Co.
Crosscut 650'
DMA PROJ 3
Dpt. T-7
G.F. Tunnel
T-188 0°
T-186 0°
T-185 0°
T-191 0°
T-189 0°
T-187 +28°
T-169 0°
T-170 0°
T-183 0°
T-158 0°
T-154 0°
T-155 0°
T-157 0°
T-153 0°
T-152 0°
11,000 E
17,900 N
10,500 E
17,000 N
16,500 N
10,500 E
16,000 N
11,000 E
15,500 N
11,500 E
15,000 N


MAZ 9
MAZ 7
MAZ 1
MAZ 50
MAZ 53
MAZ 56
MAZ 55
IMA 8
MAZ 16
MAZ 10
MAZ 2
MAZ 17
MAZ 6
MAZ 54
MAZ 18
MAZ 15
MAZ 49
MAZ 19
MAZ 11
MAZ 3
IMA 14
MAZ 5
17,500 N
MAZ 28
MAZ 29
MAZ 14
MAZ 20
MAZ 12
MAZ 4
IMA 12
MAZ 27
IMA 21
IMA 22
MAZ 51
MAZ 26
MAZ 21
MAZ 13
IMA 11
IMA 19
MAZ 35
MAZ 25
IMA 20
IMA 5
MAZ 36
MAZ 33
MAZ 30
PAT 2
IMA 26
15,000 N
MAZ 37
IMA 50
IMA 51
MAZ 24
MAZ 23
IMA 6
MAZ 43
IMA 9
IMA 27
MAZ 38
IMA 52
IMA 53
IMA 54
IMA 24
IMA 23
IMA 4
IMA 29
IMA 28
IMA 31
MAZ 44
IMA 3
IMA 55
IMA 56
IMA 57
IMA 7
MAZ 45
IMA 17
IMA 16
IMA 32
IMA 58
IMA 59
IMA 60
IMA 25
10,000 E
12,500 N
IMA 2
IMA 63
IMA 10
IMA 33
IMA 13
IMA 18
IMA 1
IMA 62
12,500 E
15,000 E
IMA 35
PARTIAL CLAIM MAP
IMA MINE
BRADLEY MINING CO.
PATTERSON, IDAHO
SCALE
0 500 1000 1500 2000 FEET
Land included in Idm E 41
Land included in Idm E 427
Land [redacted]

Map No. 1