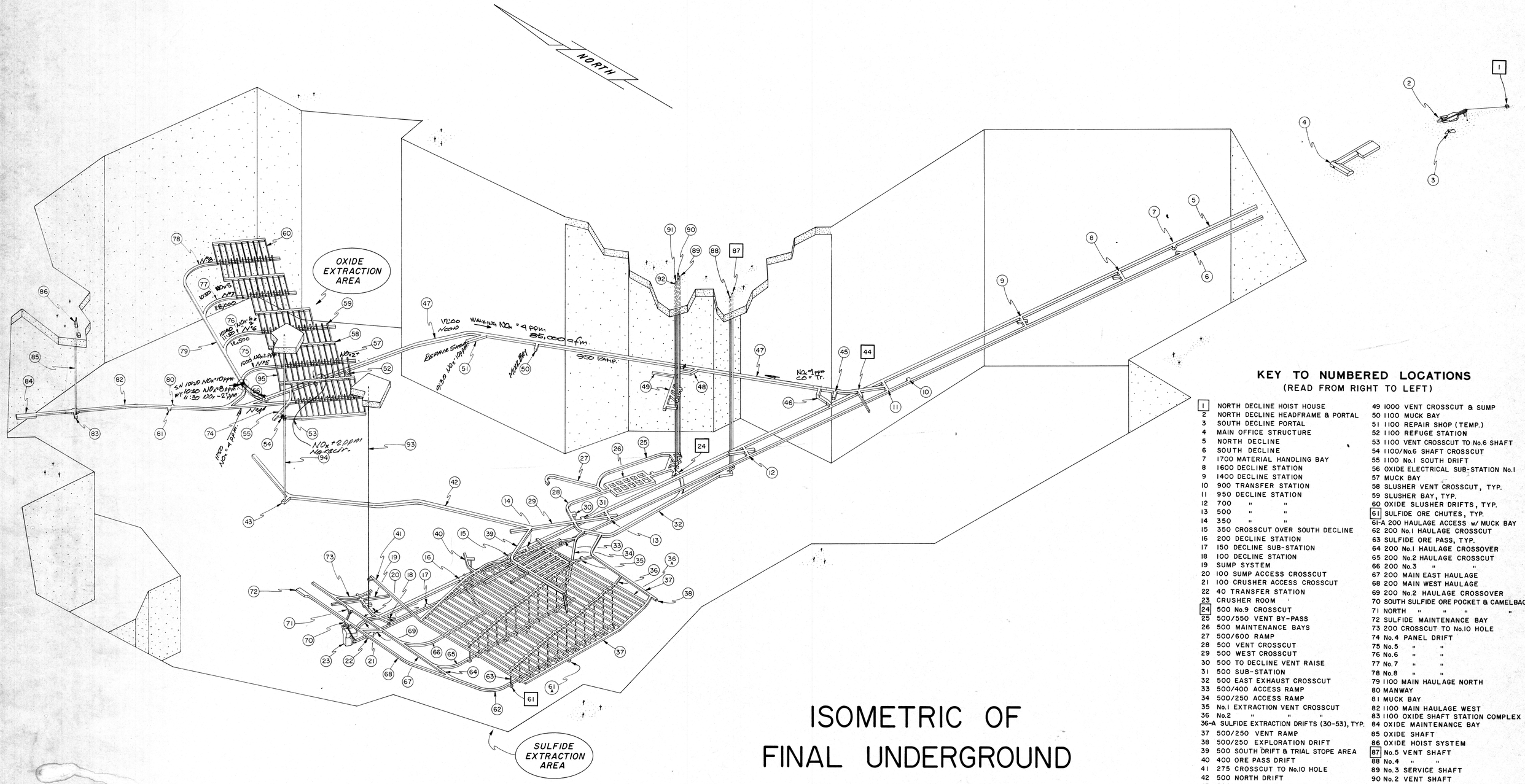

ISOMETRIC OF FINAL UNDERGROUND DEVELOPMENT

HECLA MINING COMPANY

LAKESHORE MINE

DWG. BY: *J. M. Blacharski* DATE: 5/1/74

100' 50' 0 100' 200' 400' 500' 1000'

SCALE: 1" = 325'

KEY TO NUMBERED LOCATIONS

(READ FROM RIGHT TO LEFT)

1. NORTH DECLINE HOIST HOUSE
2. NORTH DECLINE HEADFRAME & PORTAL
3. SOUTH DECLINE PORTAL
4. MAIN OFFICE STRUCTURE
5. NORTH DECLINE
6. SOUTH DECLINE
7. 1700 MATERIAL HANDLING BAY
8. 1600 DECLINE STATION
9. 1400 DECLINE STATION
10. 900 TRANSFER STATION
11. 950 DECLINE STATION
12. 700 " "
13. 500 " "
14. 350 " "
15. 350 CROSSCUT OVER SOUTH DECLINE
16. 200 DECLINE STATION
17. 150 DECLINE SUB-STATION
18. 100 DECLINE STATION
19. SUMP SYSTEM
20. 100 SUMP ACCESS CROSSCUT
21. 100 CRUSHER ACCESS CROSSCUT
22. 40 TRANSFER STATION
23. CRUSHER ROOM
24. 500 No.9 CROSSCUT
25. 500/550 VENT BY-PASS
26. 500 MAINTENANCE BAYS
27. 500/600 RAMP
28. 500 VENT CROSSCUT
29. 500 WEST CROSSCUT
30. 500 TO DECLINE VENT RAISE
31. 500 SUB-STATION
32. 500 EAST EXHAUST CROSSCUT
33. 500/400 ACCESS RAMP
34. 500/250 ACCESS RAMP
35. No.1 EXTRACTION VENT CROSSCUT
36. No.2 " " "
36-A SULFIDE EXTRACTION DRIFTS (30-53), TYP.
37. 500/250 VENT RAMP
38. 500/250 EXPLORATION DRIFT
39. 500 SOUTH DRIFT & TRIAL STOPE AREA
40. 400 ORE PASS DRIFT
41. 275 CROSSCUT TO No.10 HOLE
42. 500 NORTH DRIFT
43. 500 VENT CROSSCUT TO No.6 SHAFT
44. 950 SUMP
45. 950 POWDER MAGAZINE
46. 950 ORE PASS
47. 950/1100 RAMP
48. 1000 FAN INSTALLATION
49. 1000 VENT CROSSCUT & SUMP
50. 1100 MUCK BAY
51. 1100 REPAIR SHOP (TEMP.)
52. 1100 REFUGE STATION
53. 1100 VENT CROSSCUT TO No.6 SHAFT
54. 1100/No.6 SHAFT CROSSCUT
55. 1100 No.1 SOUTH DRIFT
56. OXIDE ELECTRICAL SUB-STATION No.1
57. MUCK BAY
58. SLUSHER VENT CROSSCUT, TYP.
59. SLUSHER BAY, TYP.
60. OXIDE SLUSHER DRIFTS, TYP.
61. SULFIDE ORE CHUTES, TYP.
61-A 200 HAULAGE ACCESS w/ MUCK BAY
62. 200 No.1 HAULAGE CROSSCUT
63. SULFIDE ORE PASS, TYP.
64. 200 No.1 HAULAGE CROSSOVER
65. 200 No.2 HAULAGE CROSSCUT
66. 200 No.3 " "
67. 200 MAIN EAST HAULAGE
68. 200 MAIN WEST HAULAGE
69. 200 No.2 HAULAGE CROSSOVER
70. SOUTH SULFIDE ORE POCKET & CAMELBACK
71. NORTH " " " "
72. SULFIDE MAINTENANCE BAY
73. 200 CROSSCUT TO No.10 HOLE
74. No.4 PANEL DRIFT
75. No.5 " "
76. No.6 " "
77. No.7 " "
78. No.8 " "
79. 1100 MAIN HAULAGE NORTH
80. MANWAY
81. MUCK BAY
82. 1100 MAIN HAULAGE WEST
83. 1100 OXIDE SHAFT STATION COMPLEX
84. OXIDE MAINTENANCE BAY
85. OXIDE SHAFT
86. OXIDE HOIST SYSTEM
87. No.5 VENT SHAFT
88. No.4 " "
89. No.3 SERVICE SHAFT
90. No.2 VENT SHAFT
91. No.1 " "
92. No.9 CONCRETE HOLE
93. No.10 " "
94. No.6 VENT SHAFT
95. 1100 NORTH VENT DRIFT

COLOR CODE

YEL.	DECLINES, DECLINE STATIONS, SUMP SYSTEM & CRUSHER
RED	500 LEVEL DEVELOPMENT
GRN.	1100 " "
BLU.	ORE HANDLING SYSTEM
ORNG.	VENT SHAFTS & DRIFTS

DWG. No: 002-B

DATE: 8/15/74

FOR LARGE SCALE DETAIL

OF OXIDE EXTRACTION AREA ..... SEE DWG. No. 16-B
OF SULFIDE EXTRACTION AREA ..... SEE DWG. No. 15-B (OVERLAY)
OF 200 RAIL HAULAGE & CRUSHER SYSTEM ..... SEE DWG. No. 14-B
OF UNDERGROUND CRUSHING & CONVEYING SYSTEM ..... SEE DWG. No. 135-D-1001
OF 200 SCALE MINE PLAN ..... SEE DWG. No. 01-A