

	PROJECT REPORT	PR No. DUK-001-PR-01
		Revision 0
		Page D1 of D64

Appendix D

Contents

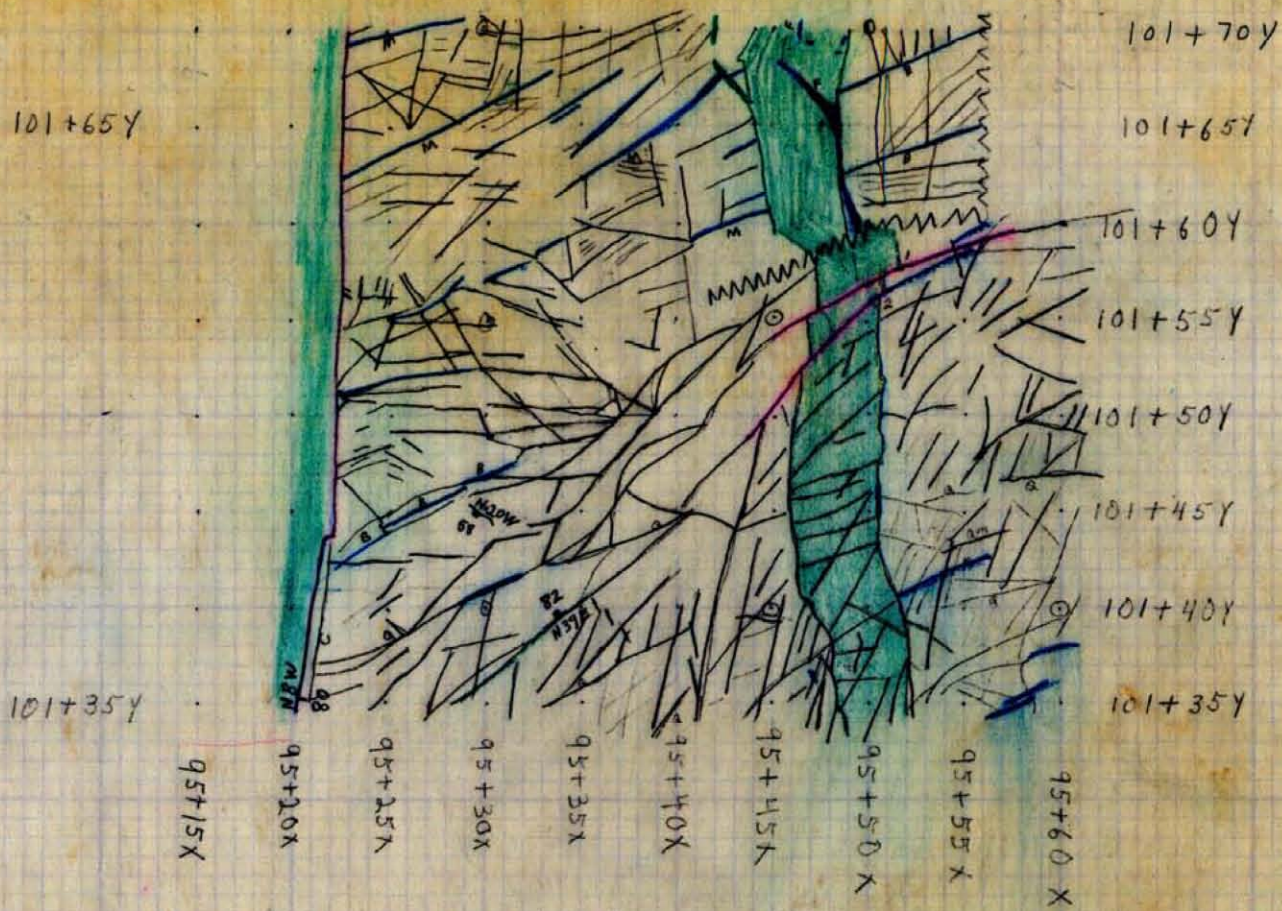
Georectified CNS Final Foundation Geologic Map Panel Listing	D2
Georectified CNS Final Foundation Geologic (field) Map Panels.....	D3

Appendix D
Georectified CNS Final Foundation Geologic Map Panel Listing

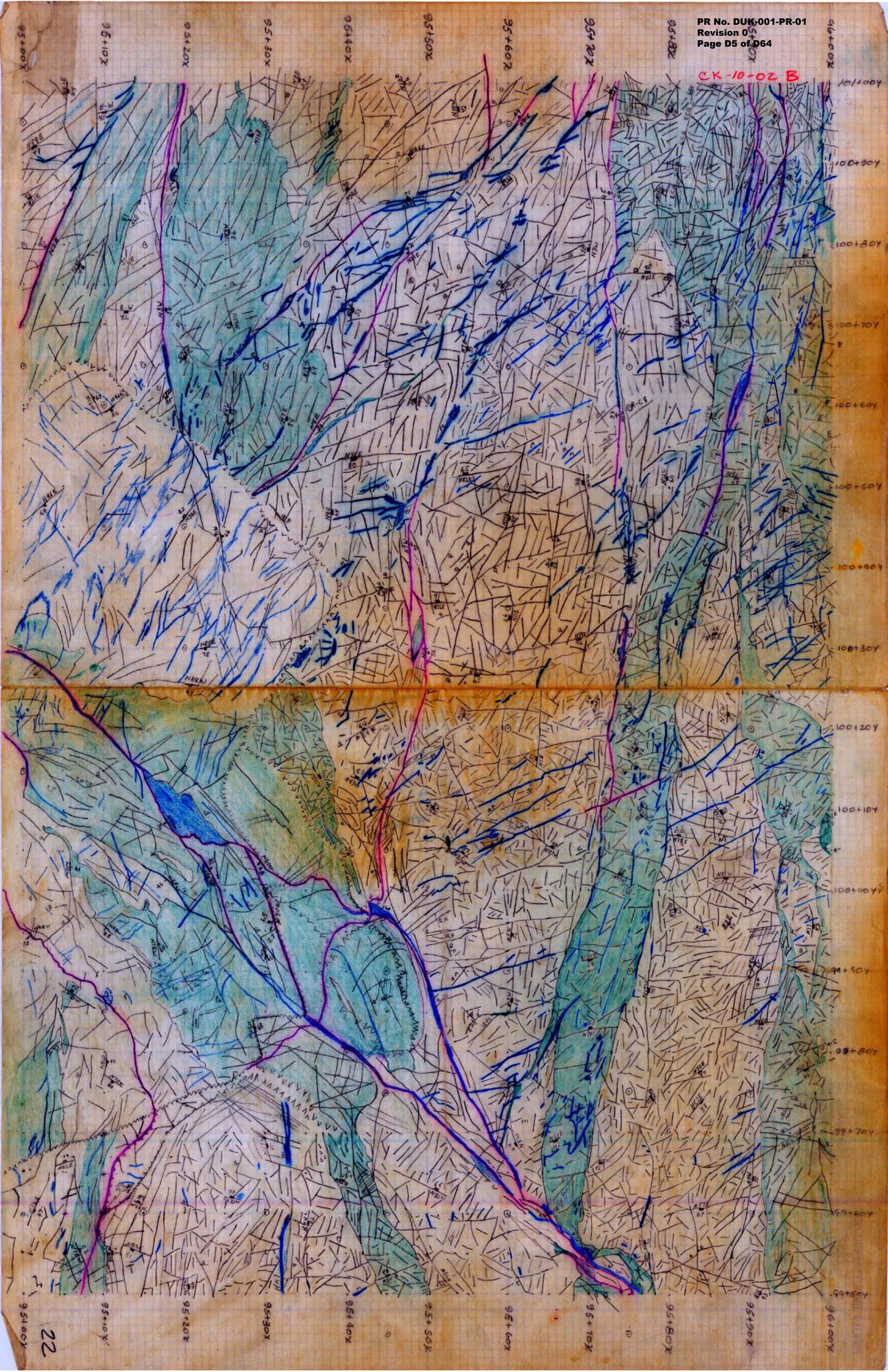
Sheet Number	Map Panel Number	Map Panel Designation	Georectified File Name	Mapped CNS Structure
1	20	CK10-01A	Panel_20_CK10_01A_GR.tif	Unit 1
1	21	CK10-01A	Panel_21_CK10_01A_GR.tif	Unit 1
1	22	CK10-02B	Panel_22_CK10_02B_GR.tif	Unit 1
1	23	CK10-01B	Panel_23_CK10_01B_GR.tif	Unit 1
2	24	CK10-02D	Panel_24_CK10_02D_GR.tif	Unit 1
1	25	CK10-02A	Panel_25_CK10_02A_GR.tif	Unit 1
2	26	CK10-02F	Panel_26_CK10_02F_GR.tif	Unit 1
1	27	CK10-02E	Panel_27_CK10_02E_GR.tif	Unit 1
2	28	CK10-020	Panel_28_CK10_020_GR.tif	Unit 1
2	29	CK10-03A	Panel_29_CK10_03A_GR.tif	Unit 1
2	30	CK10-03B	Panel_30_CK10_03B_GR.tif	Unit 1
2	31	CK10-03C	Panel_31_CK10_03C_GR.tif	Unit 1
3	32	CK10-03D	Panel_32_CK10_03D_GR.tif	Unit 1
3	33	CK10-03E	Panel_33_CK10_03E_GR.tif	Unit 1
3	34	CK10-03F	Panel_34_CK10_03F_GR.tif	Unit 1
3	35	CK10-04A	Panel_35_CK10_04A_GR.tif	Unit 1
3	36	CK10-04B	Panel_36_CK10_04B_GR.tif	Unit 1
3	37	CK10-04C	Panel_37_CK10_04C_GR.tif	Unit 1
3	38	CK10-04D	Panel_38_CK10_04D_GR.tif	Unit 1
1	39	CK10-05A	Panel_39_CK10_05A_GR.tif	Unit 1
1	40	CK10-05B	Panel_40_CK10_05B_GR.tif	Unit 1
1	41	CK10-05C	Panel_41_CK10_05C_GR.tif	Unit 1
1	42	CK10-06A	Panel_42_CK10_06A_GR.tif	Unit 1
1	43	CK10-06B	Panel_43_CK10_06B_GR.tif	Unit 1
2	44	CK10-06C	Panel_44_CK10_06C_GR.tif	Unit 1
2	45	CK10-06D	Panel_45_CK10_06D_GR.tif	Unit 1
4	46	CK10-06E	Panel_46_CK10_06E_GR.tif	Unit 2
5	47	CK10-06F	Panel_47_CK10_06F_GR.tif	Unit 2
6	48	CK10-07F	Panel_48_CK10_07F_GR.tif	Unit 2
2	49	CK10-07A	Panel_49_CK10_07A_GR.tif	Unit 1
2	50	CK10-07B	Panel_50_CK10_07B_GR.tif	Unit 1
3	51	CK10-07C	Panel_51_CK10_07C_GR.tif	Unit 1
3	52	CK10-07D	Panel_52_CK10_07D_GR.tif	Unit 1
5	53	CK10-07E	Panel_53_CK10_07E_GR.tif	Unit 2
6	54	CK10-07F	Panel_54_CK10_07F_GR.tif	Unit 2
6	55	CK10-08C	Panel_55_CK10_08C_GR.tif	Unit 2
3	56	CK10-08A	Panel_56_CK10_08A_GR.tif	Unit 1
3	57	CK10-08B	Panel_57_CK10_08B_GR.tif	Unit 1
3	58	CK10-08D	Panel_58_CK10_08D_GR.tif	Unit 1
4	59	CK10-09C	Panel_59_CK10_09C_GR.tif	Unit 2
4	60	CK10-09A	Panel_60_CK10_09A_GR.tif	Unit 2
4	61	CK10-09B	Panel_61_CK10_09B_GR.tif	Unit 2
4	62	CK10-10B	Panel_62_CK10_10B_GR.tif	Unit 2
4	63	CK10-10A	Panel_63_CK10_10A_GR.tif	Unit 2
5	64	CK10-10D	Panel_64_CK10_10D_GR.tif	Unit 2
4	65	CK10-10C	Panel_65_CK10_10C_GR.tif	Unit 2
5	66	CK10-10F	Panel_66_CK10_10F_GR.tif	Unit 2
5	67	CK10-10E	Panel_67_CK10_10E_GR.tif	Unit 2
6	68	CK10-11E	Panel_68_CK10_11E_GR.tif	Unit 2
6	69	CK10-11F	Panel_69_CK10_11F_GR.tif	Unit 2
5	70	CK10-11B	Panel_70_CK10_11B_GR.tif	Unit 2
5	71	CK10-11C	Panel_71_CK10_11C_GR.tif	Unit 2
5	72	CK10-11A	Panel_72_CK10_11A_GR.tif	Unit 2
6	73	CK10-11D	Panel_73_CK10_11D_GR.tif	Unit 2
6	74	CK10-12B	Panel_74_CK10_12B_GR.tif	Unit 2
6	75	CK10-12C	Panel_75_CK10_12C_GR.tif	Unit 2
6	76	CK10-12A	Panel_76_CK10_12A_GR.tif	Unit 2
4	77	CK10-13A	Panel_77_CK10_13A_GR.tif	Unit 2
5	78	CK10-14B	Panel_78_CK10_14B_GR.tif	Unit 2
4	79	CK10-14A	Panel_79_CK10_14A_GR.tif	Unit 2
7	122	SB1	Panel_122_20101012_GR.tif	Service Building
7	123	SB2	Panel_123_20101012_GR.tif	Service Building

CK10-CIA





CK-10-02 B



KEUFFEL & ESSER CO.
MADE IN U.S.A.

94+60.2

94+70.2

94+80.2

94+90.2

95+00.2

150y

140y

130y

120y

110y

100y

90y

80y

70y

60y

50y

40y

30y

20y

10y

0y

23

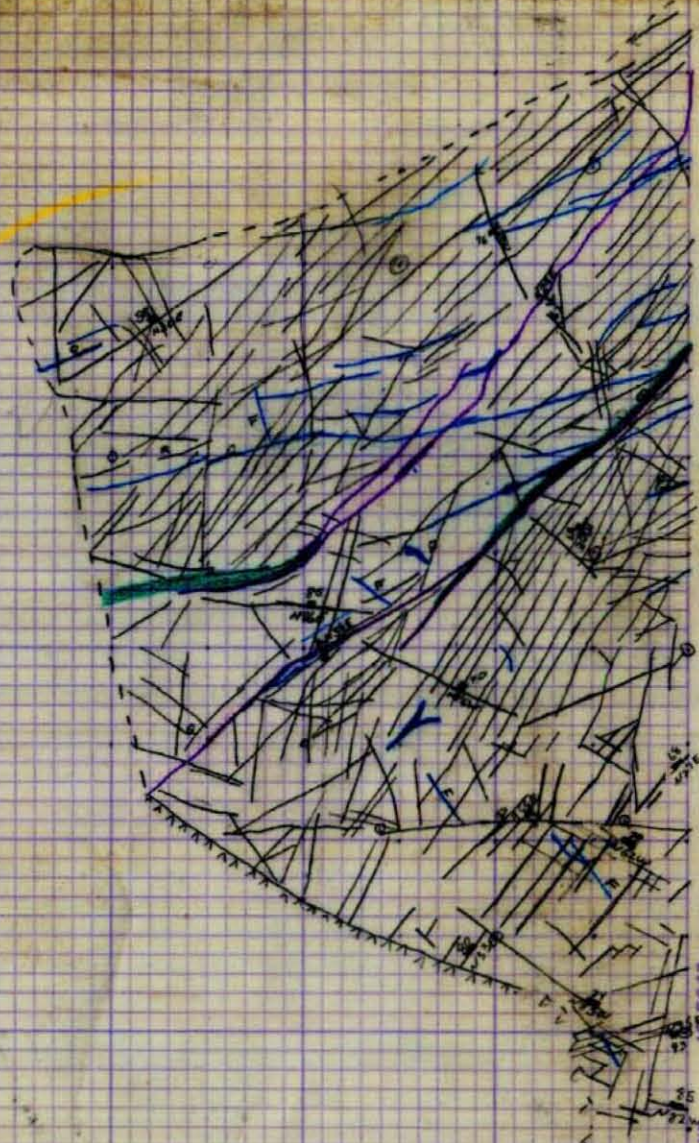
94+60.2

94+70.2

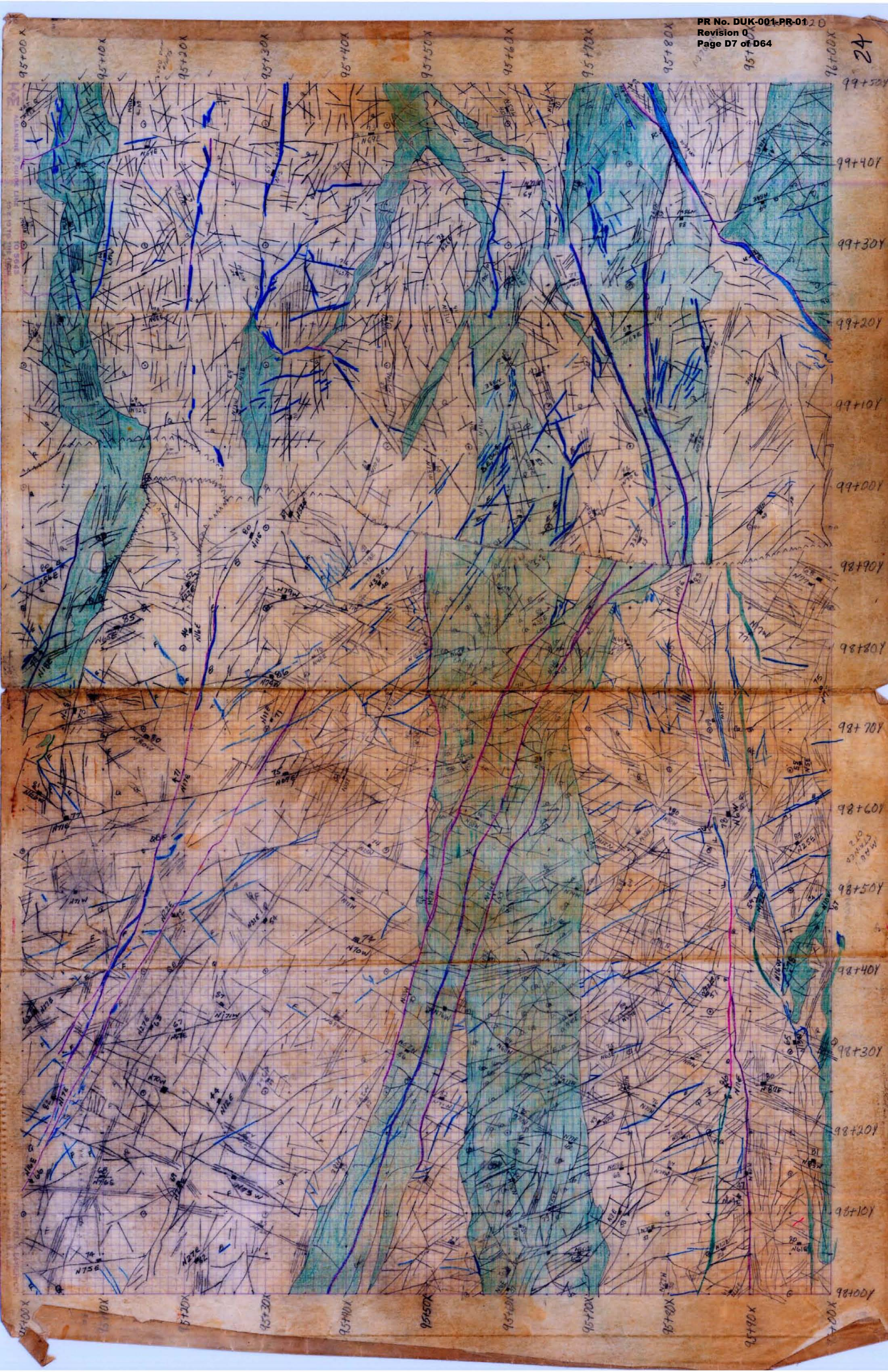
94+80.2

94+90.2

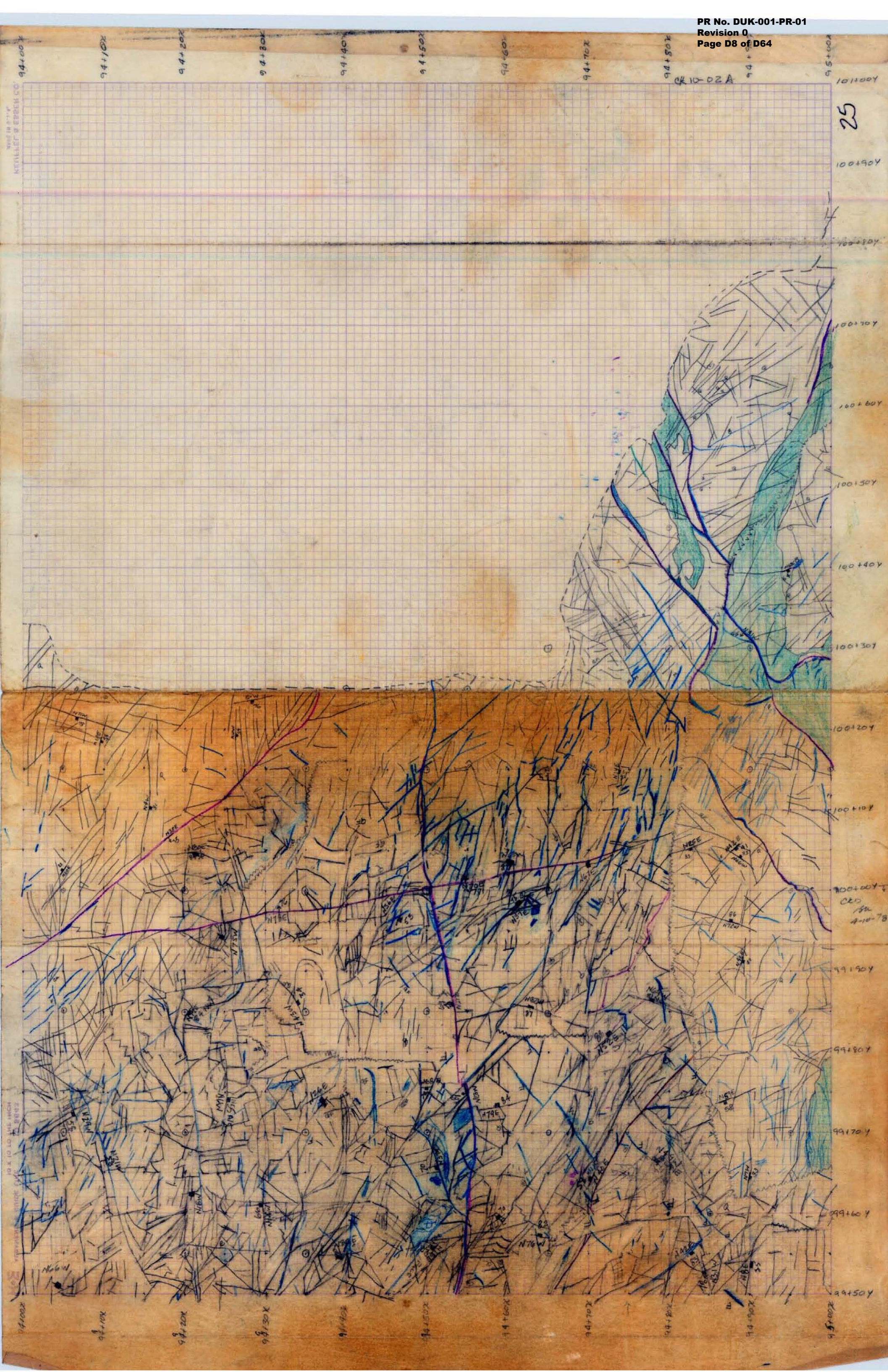
95+00.2



ALBANY & GUIDE LINE
10' S&G 3'
10' X 10' TO THE INCH
10' X 10' TO THE INCH



25



93+80x

CK10-02F

26

200446

93+60X

93+70 X

99+501

 $99 + 40Y$ $99 + 30\%$ $99 + 20\%$ $99 + 10y$ $99 + 001$ $98 + 90Y$ $98 + 80Y$ 

CK10-02F

A hand-drawn geological sketch on graph paper. The top of the sketch is a green-shaded area. Below it, a dashed line runs vertically. To the left of this line, the words "EXCAVATION" and "NEST" are written in black ink, with an arrow pointing to a brown line that curves from the left towards the dashed line. The right side of the sketch is filled with a dense network of black, blue, and purple lines, representing geological strata or faults. Some areas are shaded with blue or purple. The entire sketch is drawn on a grid of small squares.

EXCAVATION
WEST
WALL

九

大和工務店 株式会社
DAIWAH CO.
DAIWAH CO., LTD.
DAIWAH CO., LTD.

27

28



* No strike on it
at 94+15Y 94+60
94+62Y 94+67

93+00X

93+10X

93+20X

93+30X

93+40X

93+50X

93+60X

93+70X

93+80X

93+90X

97+00Y

97+10Y

97+20Y

97+30Y

97+40Y

97+50Y

97+60Y

97+70Y

97+80Y

97+90Y

98+00Y

93+00X

93+10X

93+20X

93+30X

93+40X

93+50X

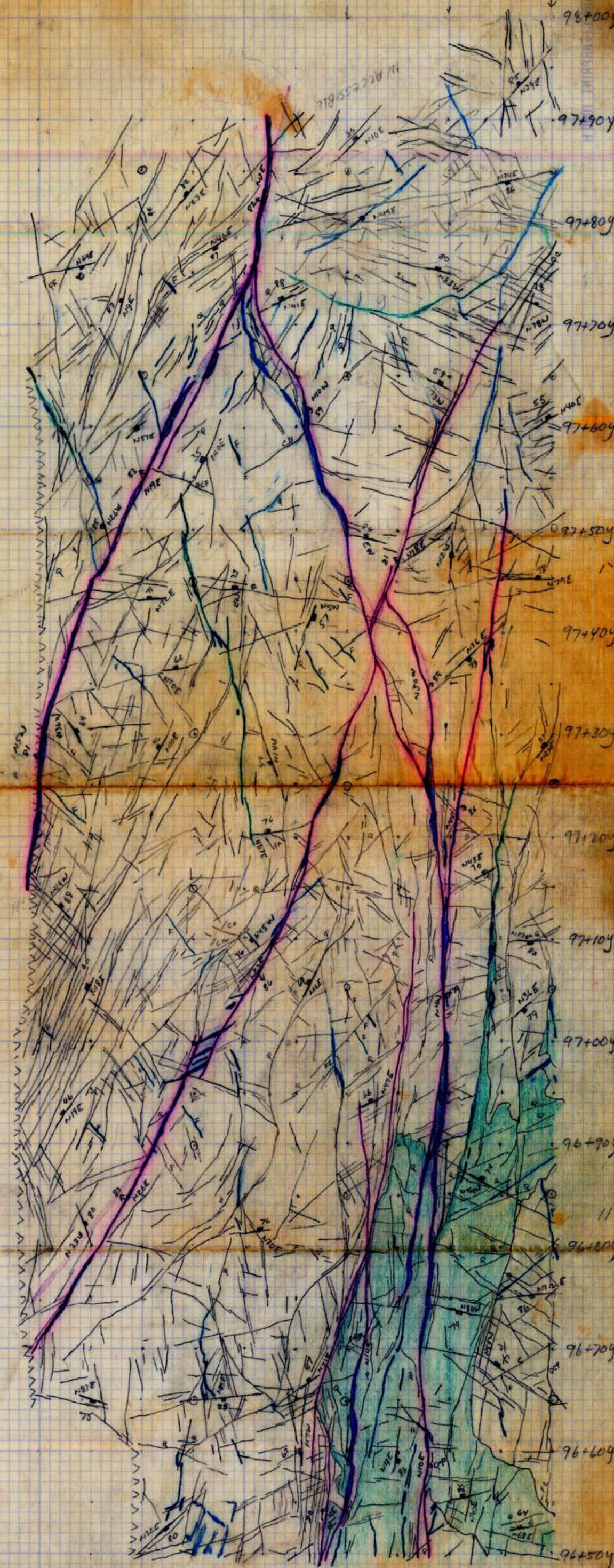
93+60X

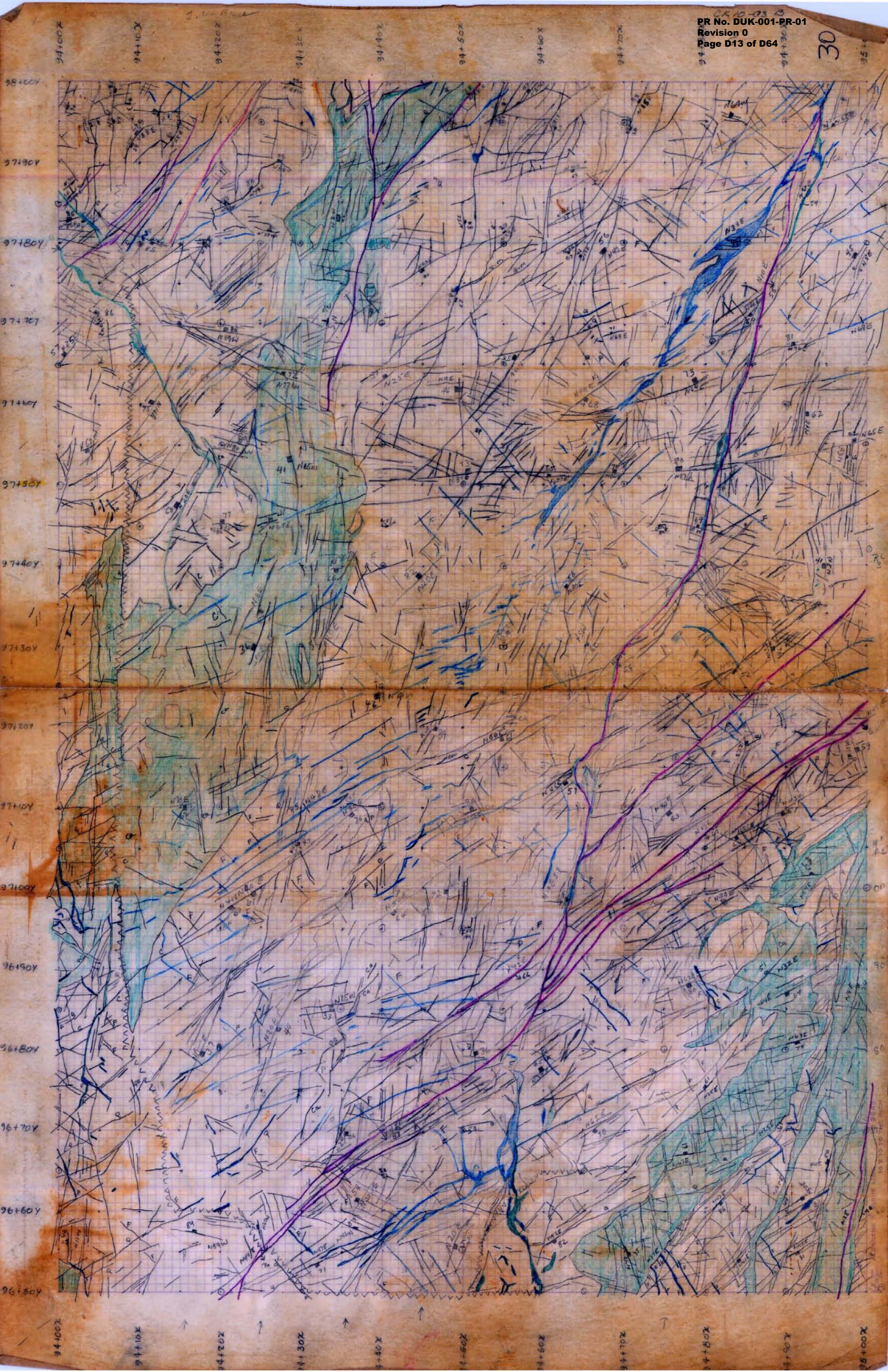
93+70X

93+80X

93+90X

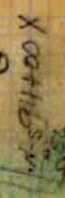
94+00X







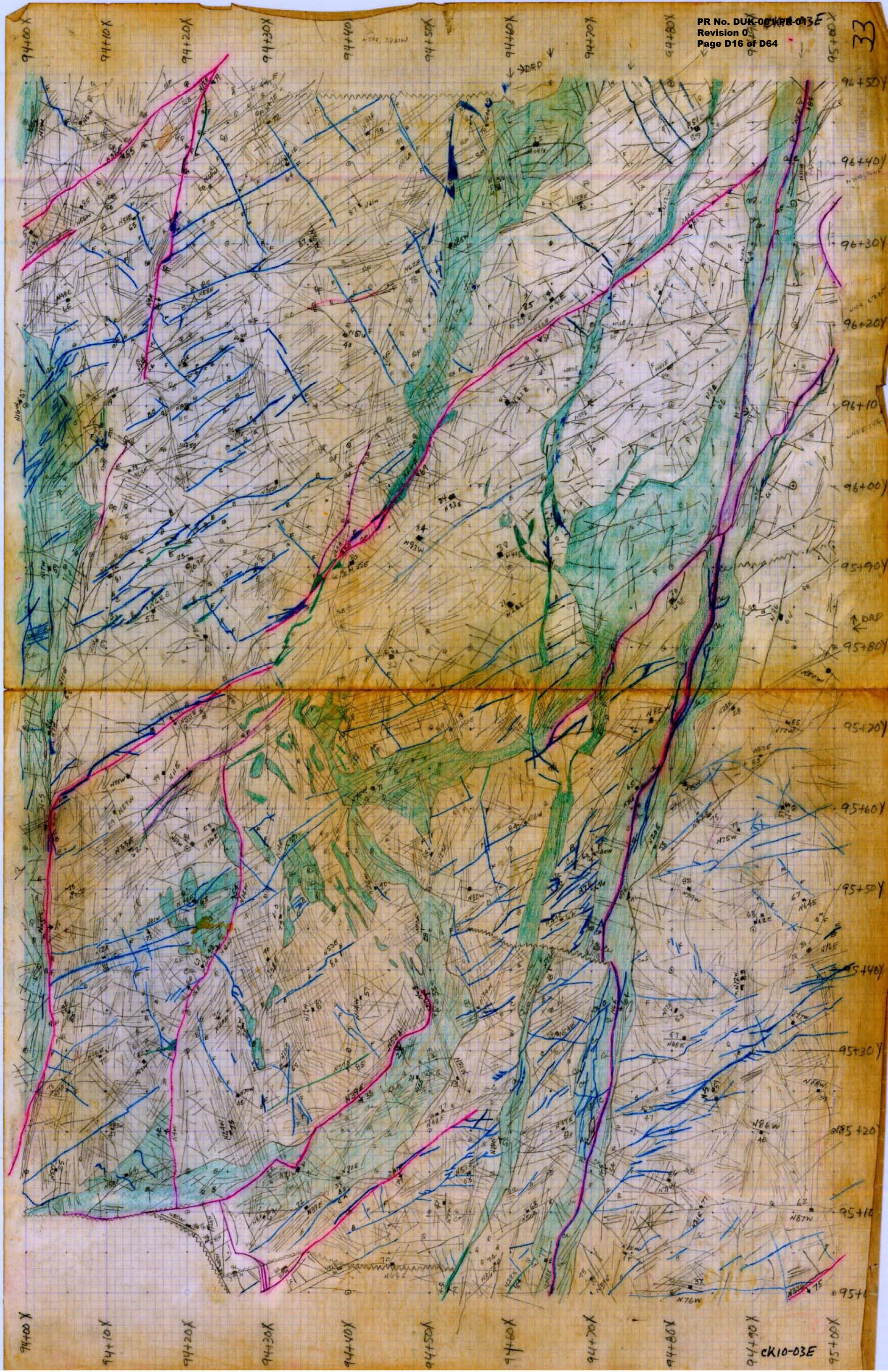
32

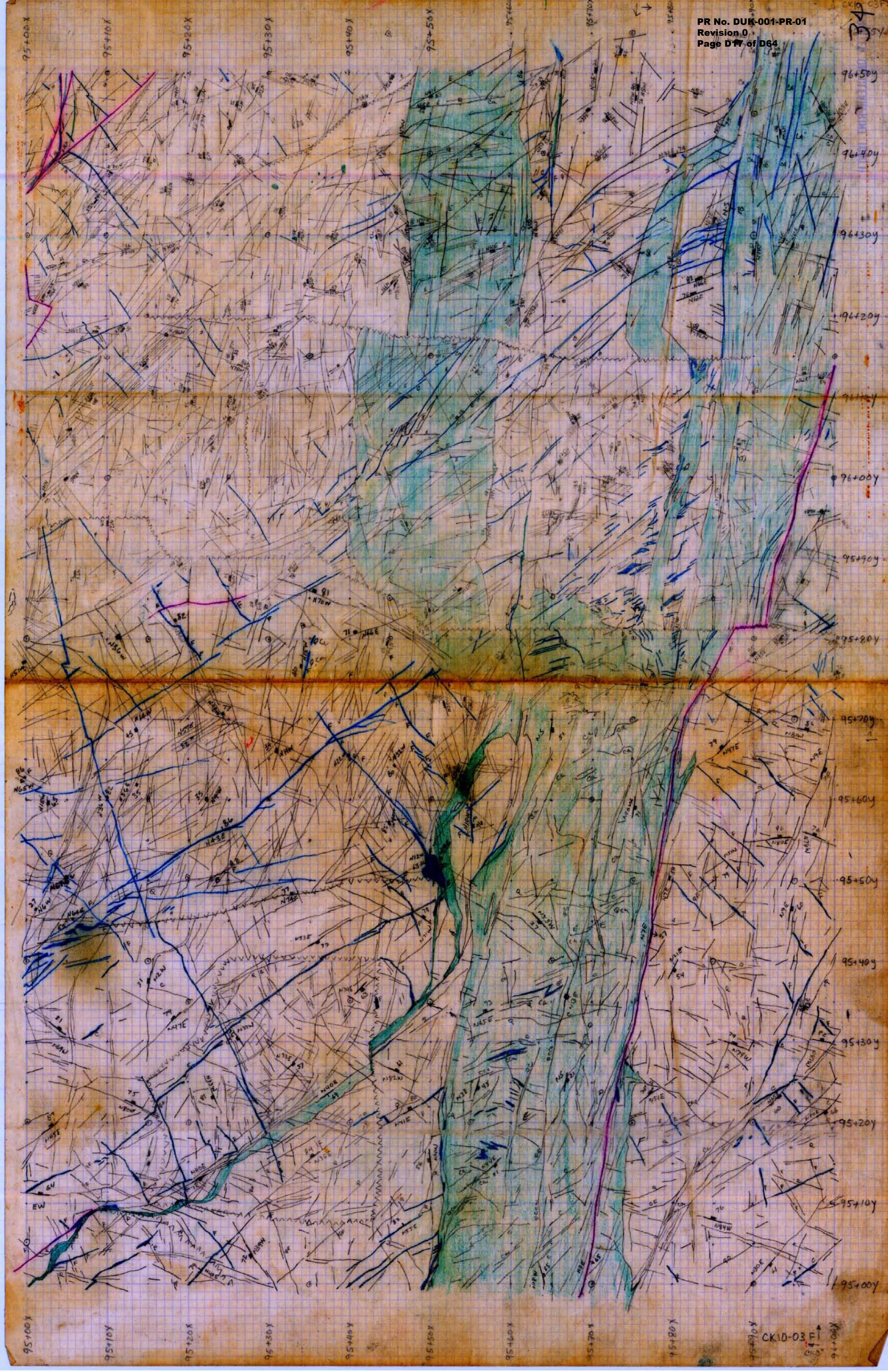


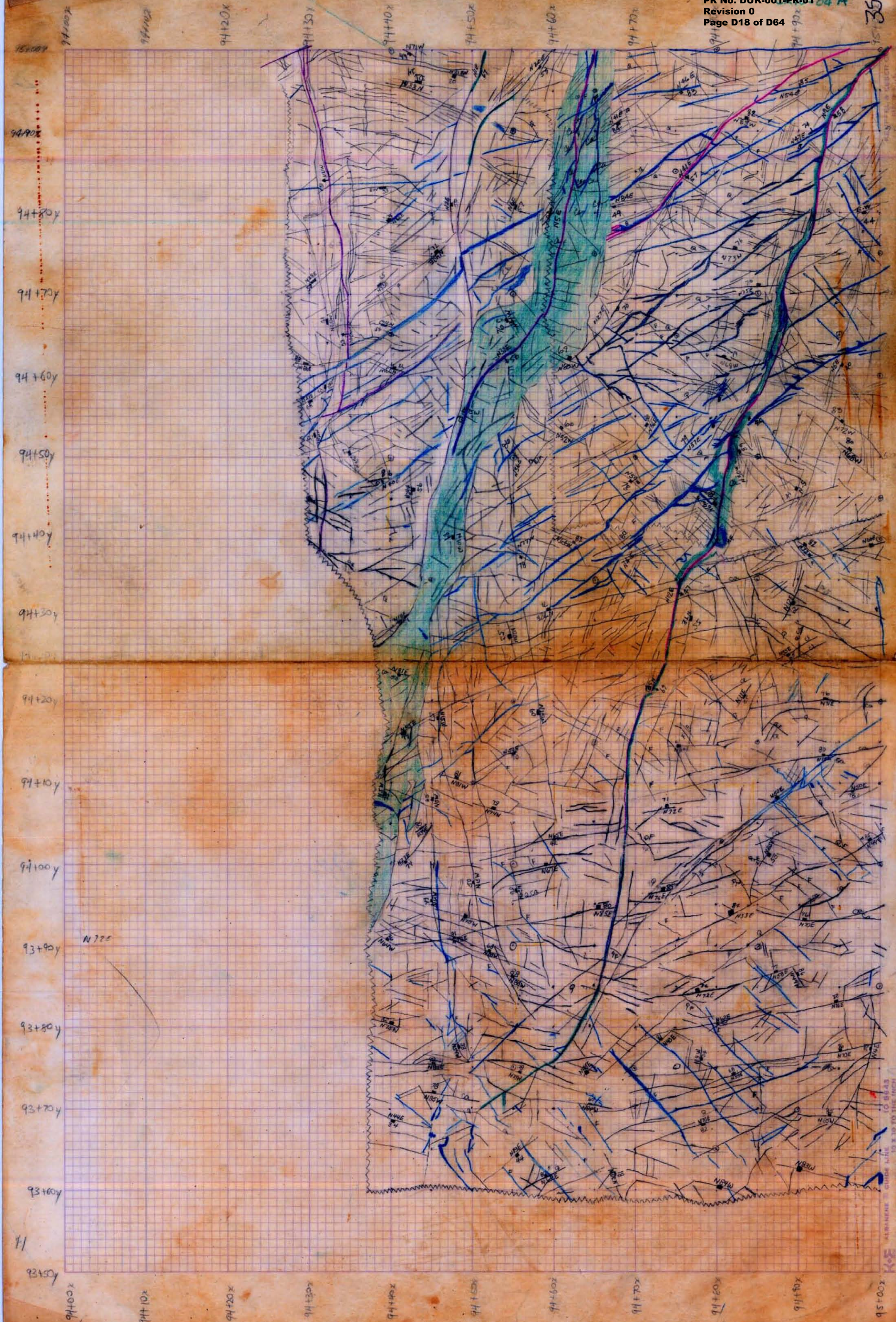
2
4
6
8
10

✓

93+90X CK10-03D 94+90X



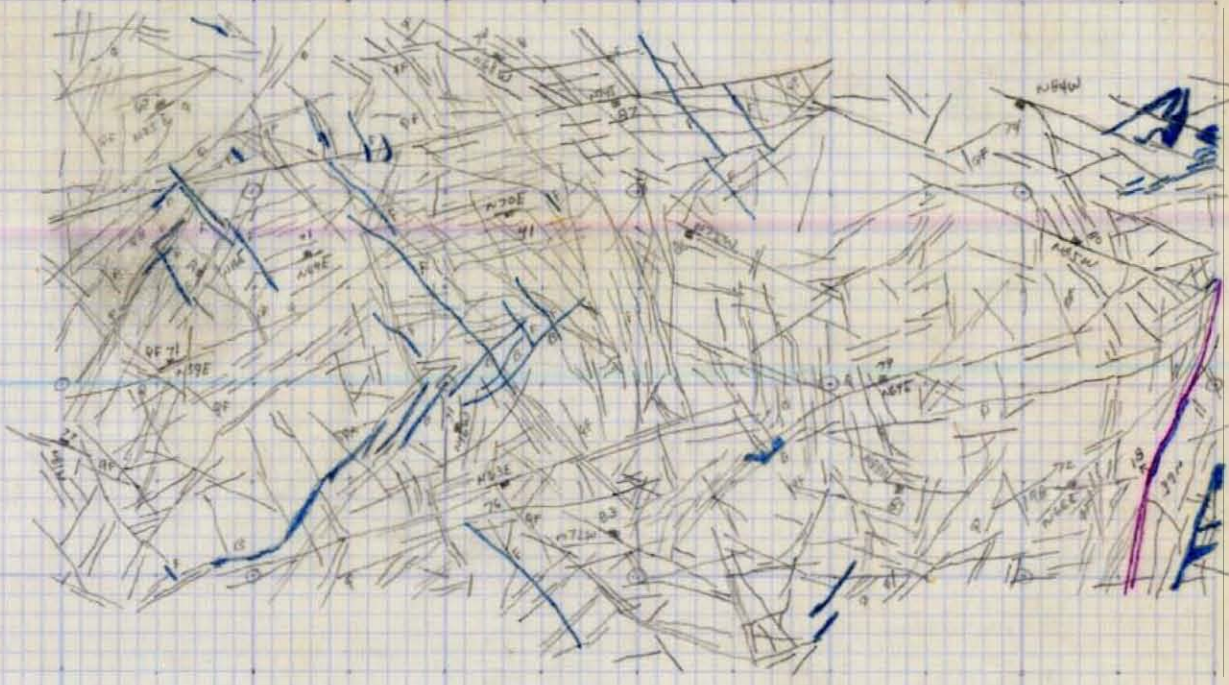






5400X

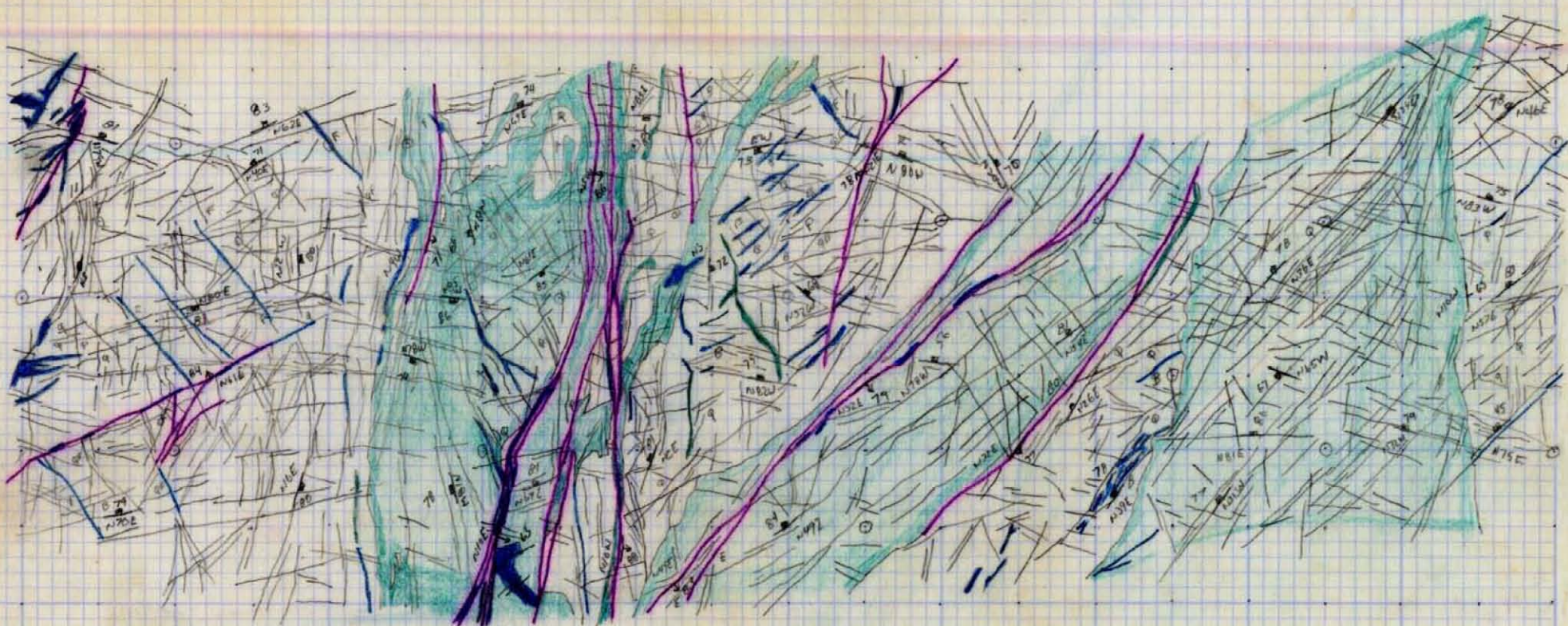
92 + 90



95+00X

95+00X
95+10X
95+20X
95+30X
95+40X
95+50X
95+60X
95+70X
95+80X
95+90X
96+00X

93+70Y
93+60Y
93+50Y
93+40Y
93+30Y
93+20Y
93+10Y
93+00Y



PRINTED ON RECYCLED PAPER

95+00X
95+10X
95+20X
95+30X
95+40X
95+50X
95+60X
95+70X
95+80X
95+90X
96+00X

$102 + 504$ $102 + 40j$

102+30

 $102 + 204$

102+104

102+004

101+901

101 + 804

10/14/2014

1011604

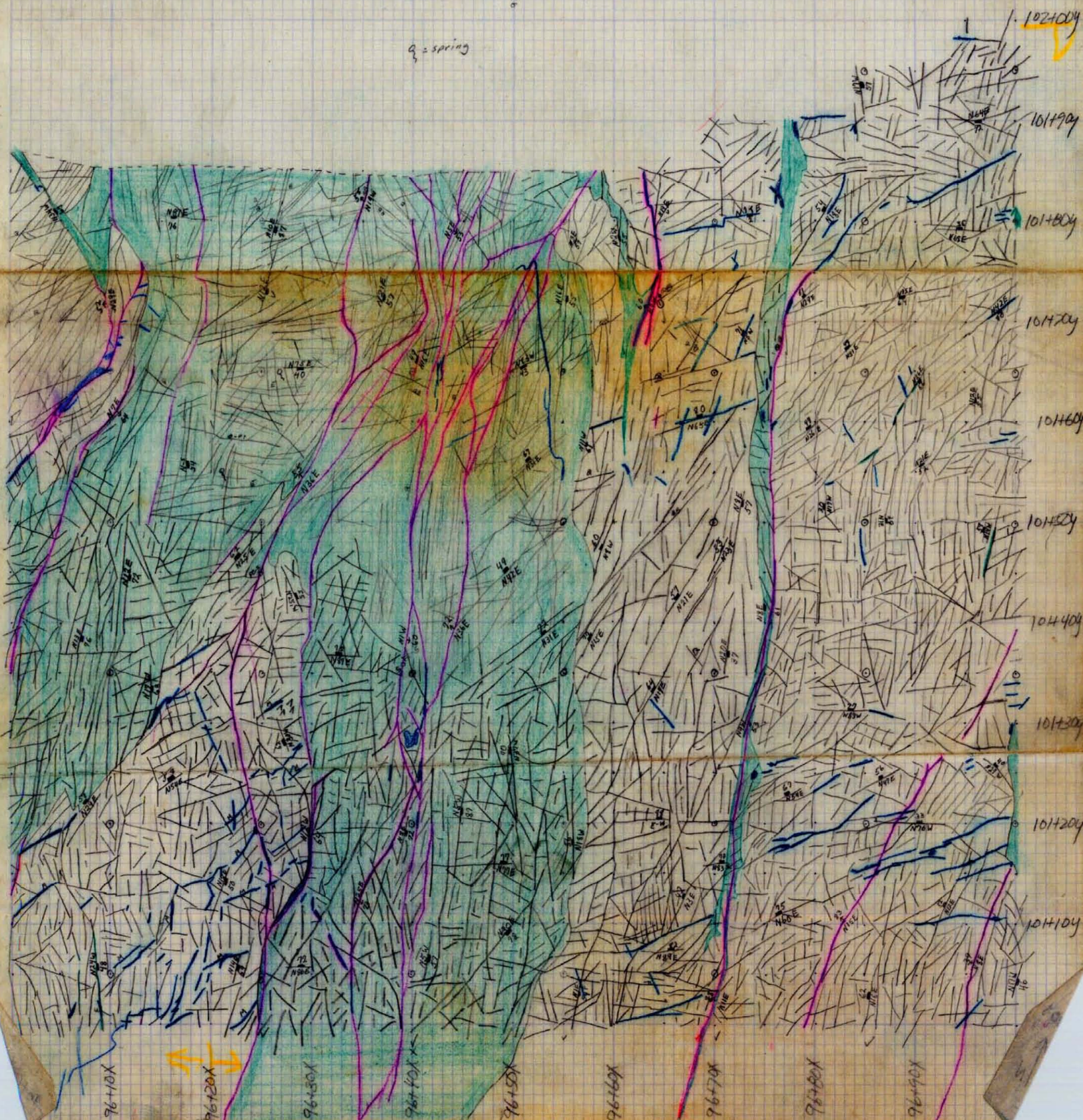
1014524

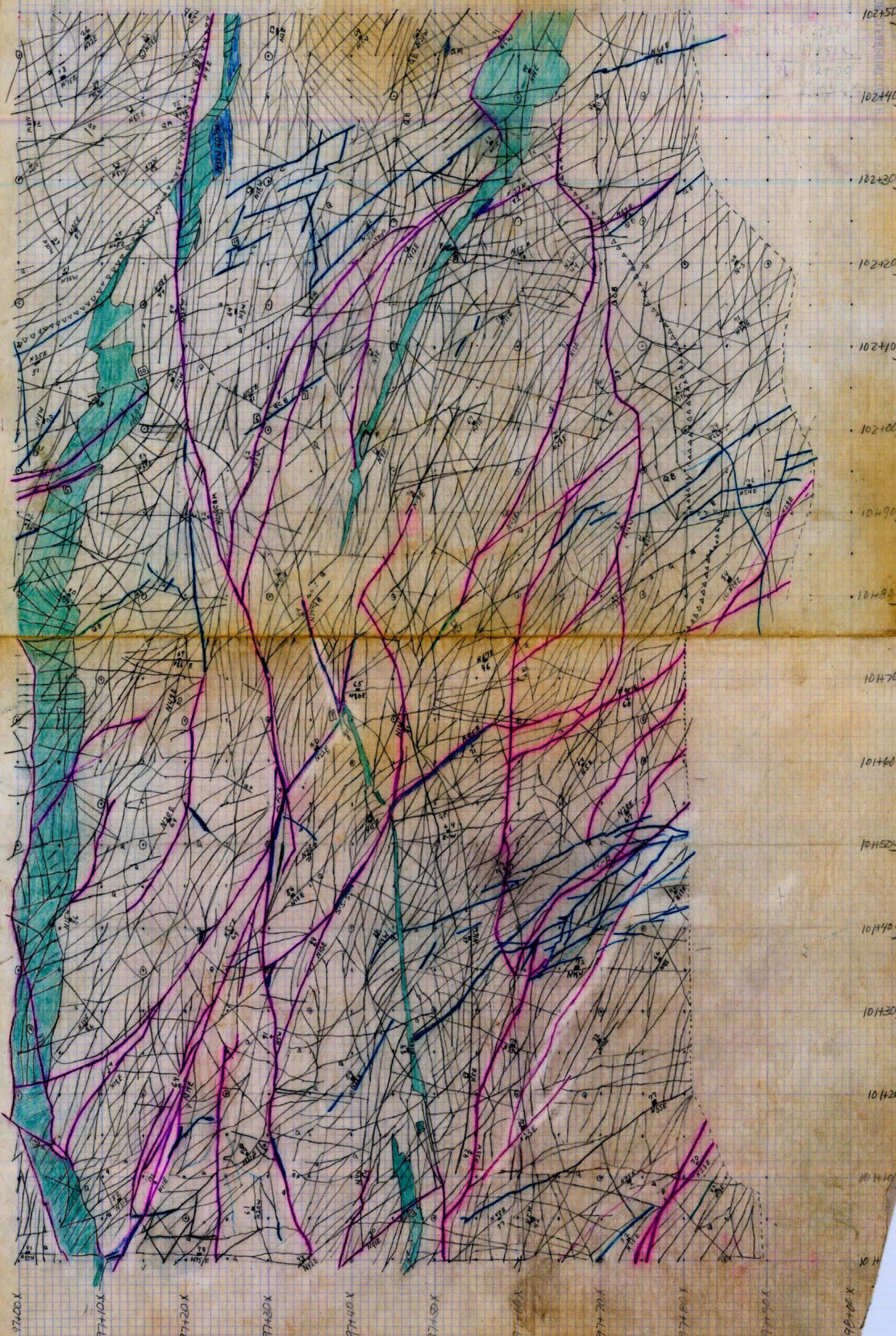
104404

101+30

10/14/2014

104104





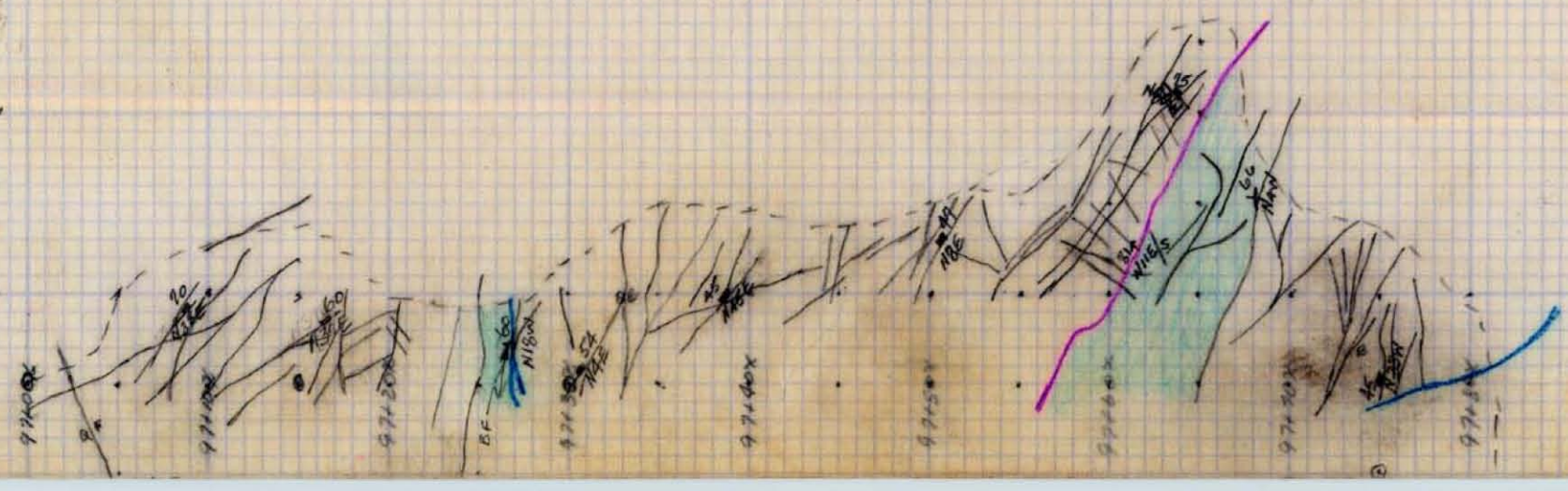
41

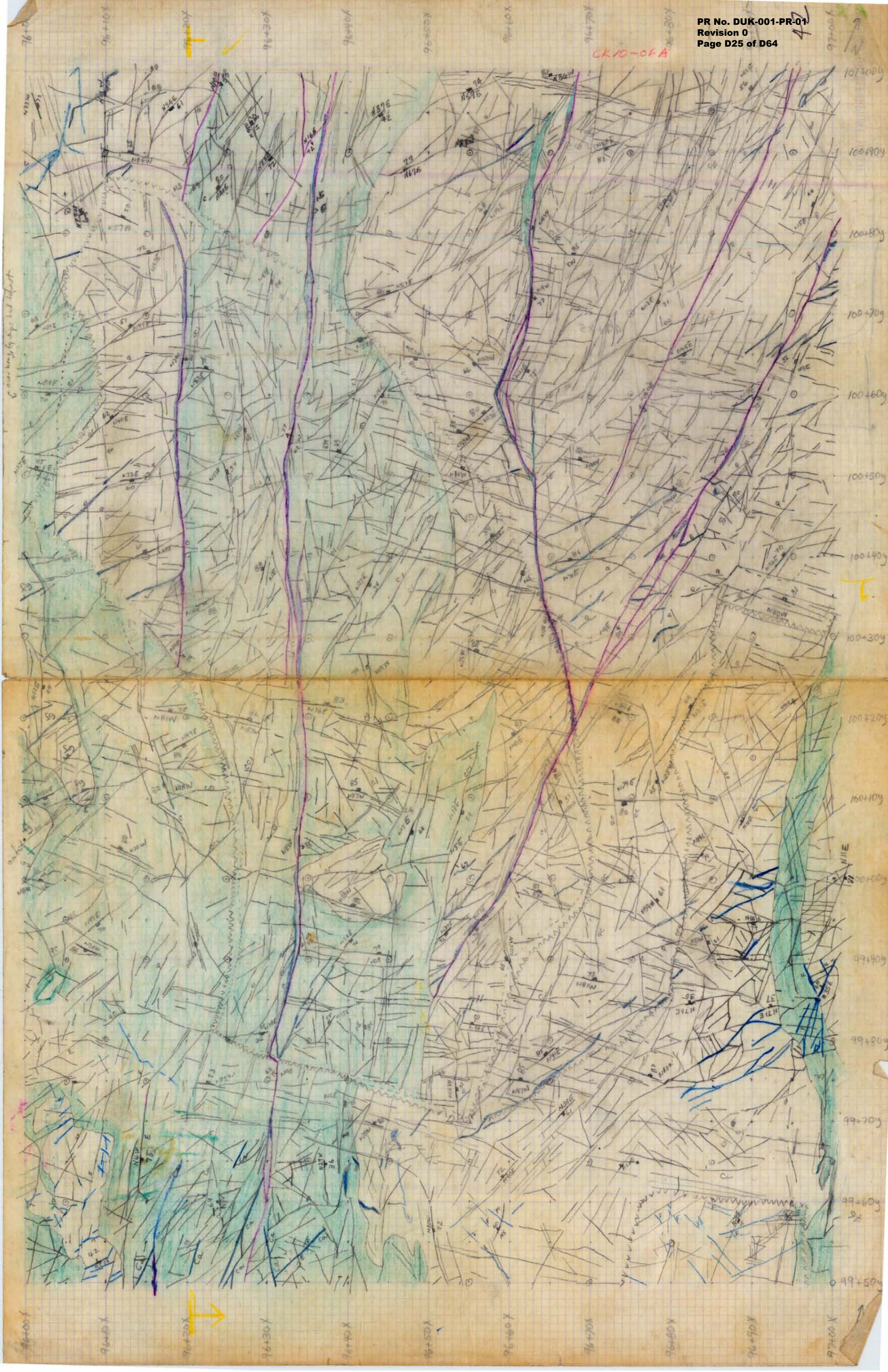
103+00Y
102+90Y
102+80Y
102+70Y
102+60Y
102+50Y

X
N4W, 66 SW
N18W, 60 SW

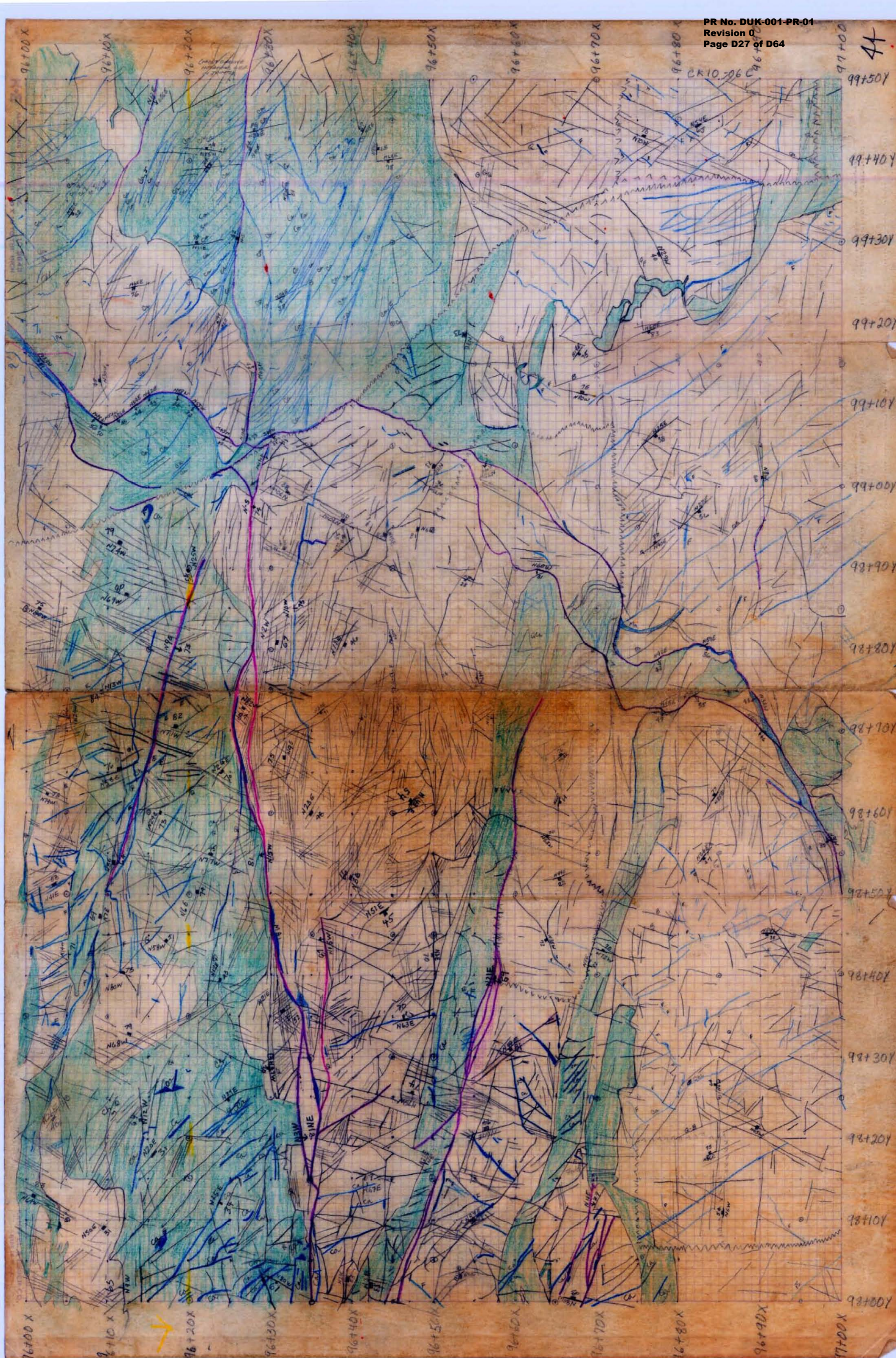
A
N11E, 81 NN
N33W, 45 SW
N8E, 49 NW
N45E, 45 NN
N4E, 54 NW
N31E, 60 NN
N38E, 70 NW
N80W, 75 NE

CK10-05B1

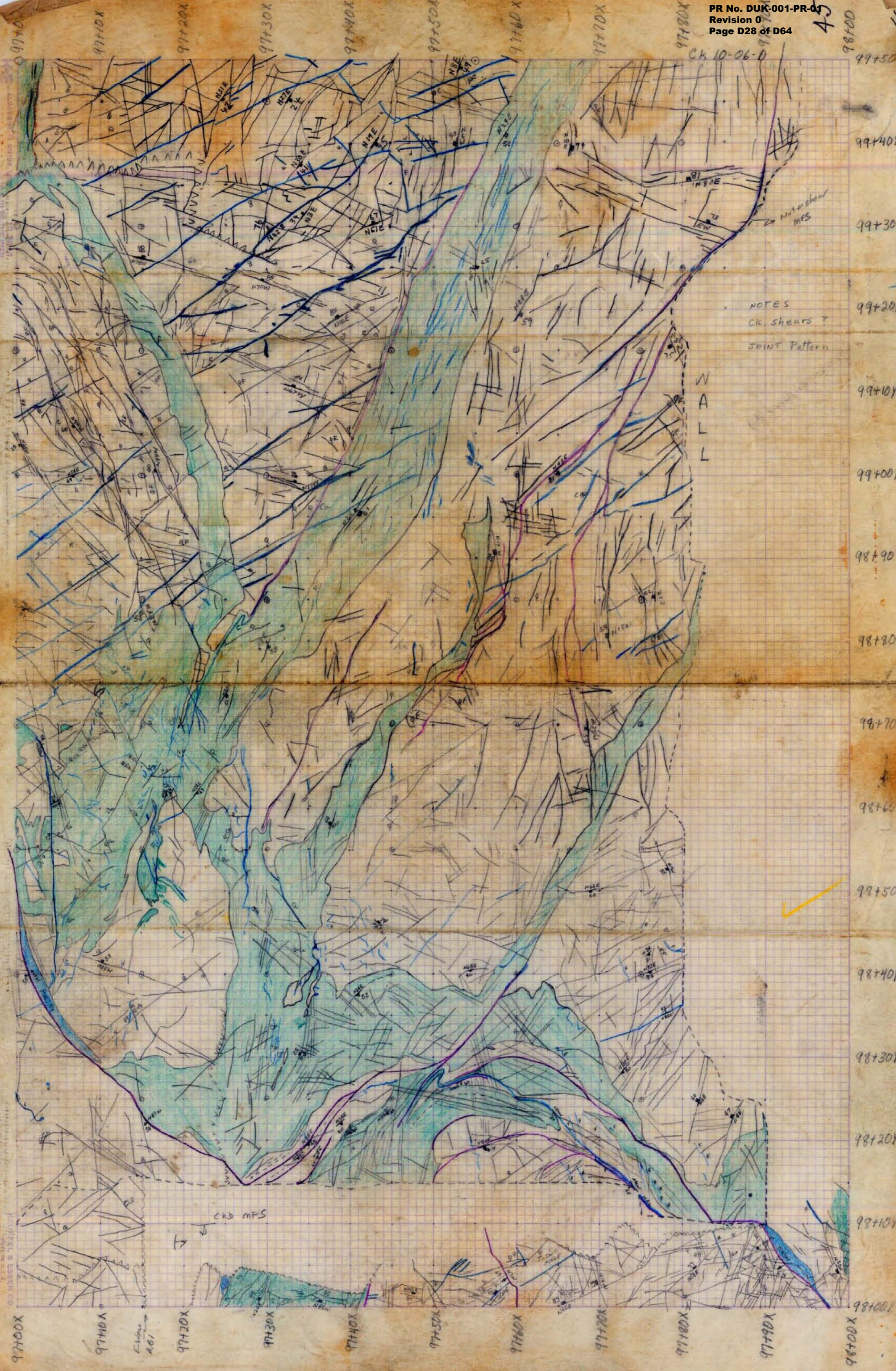








45



98+00

98+10

98+20

98+30

98+40

98+50

98+60

98+70

98+80

98+90

99+00

46

10+00

106+00

100+80

100+70

100+60

100+50

100+40

100+30

100+20

100+10

100+00

99+90

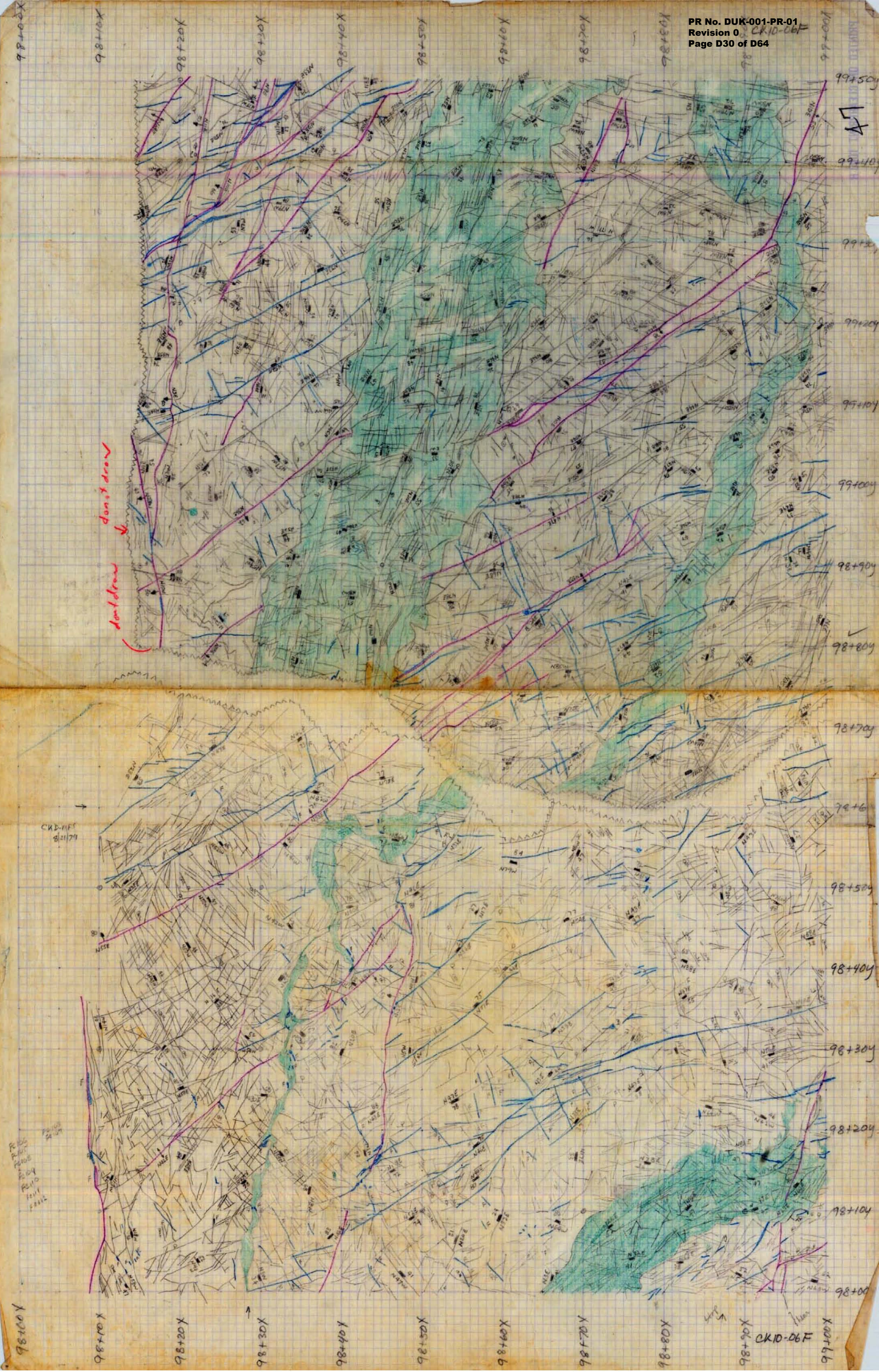
99+80

99+70

99+60

99+50

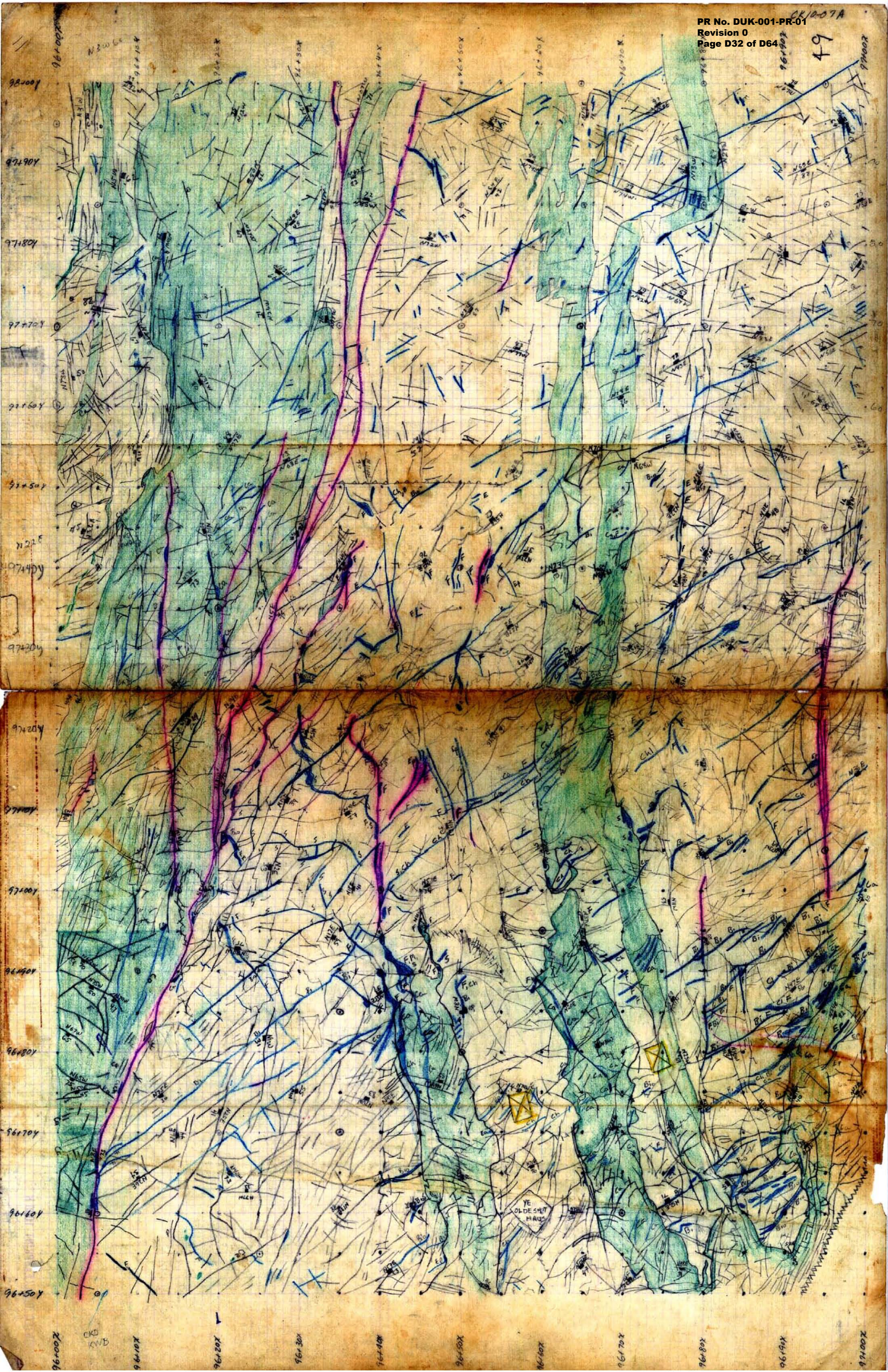




$99+00V$

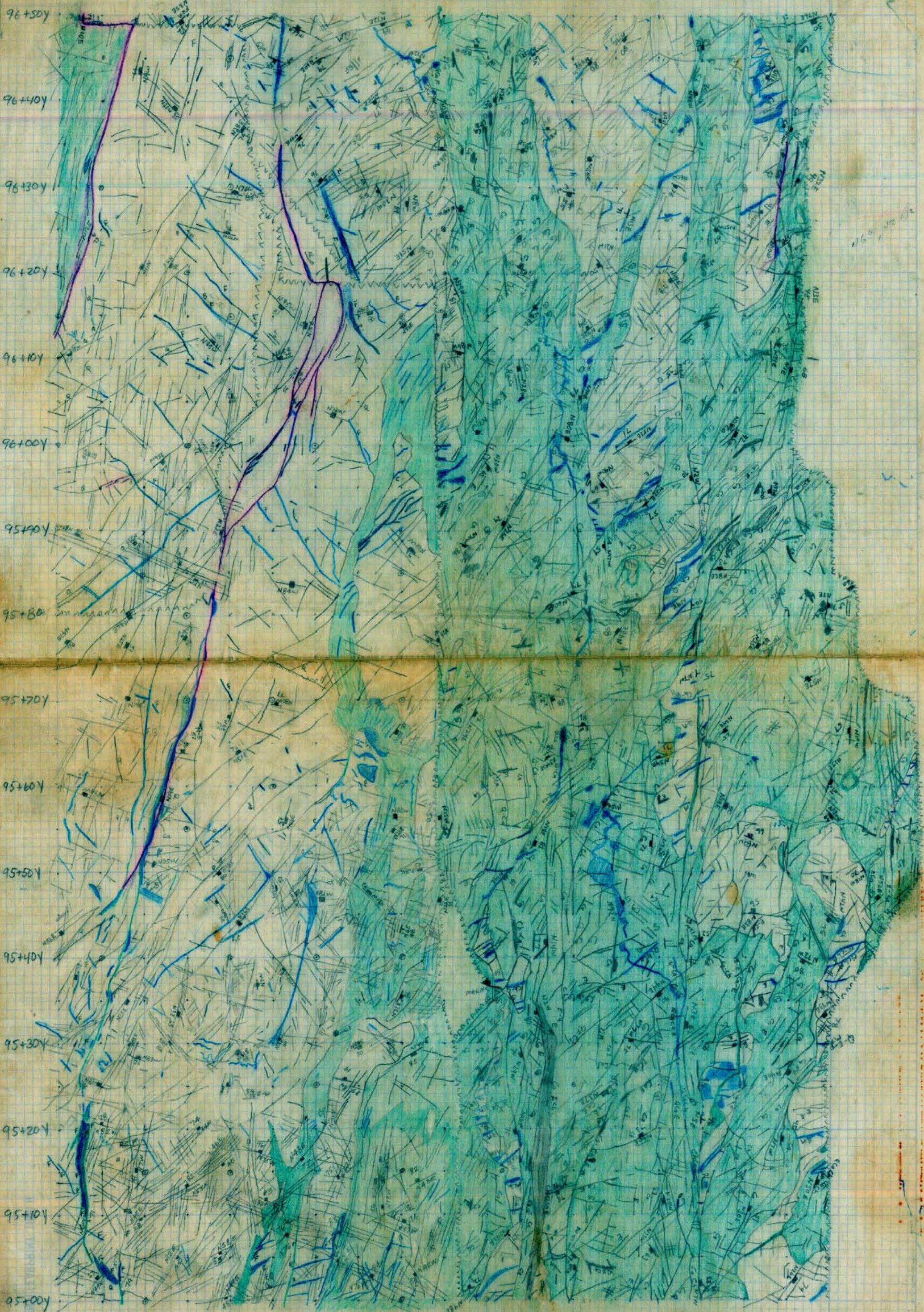
1

X 00-405

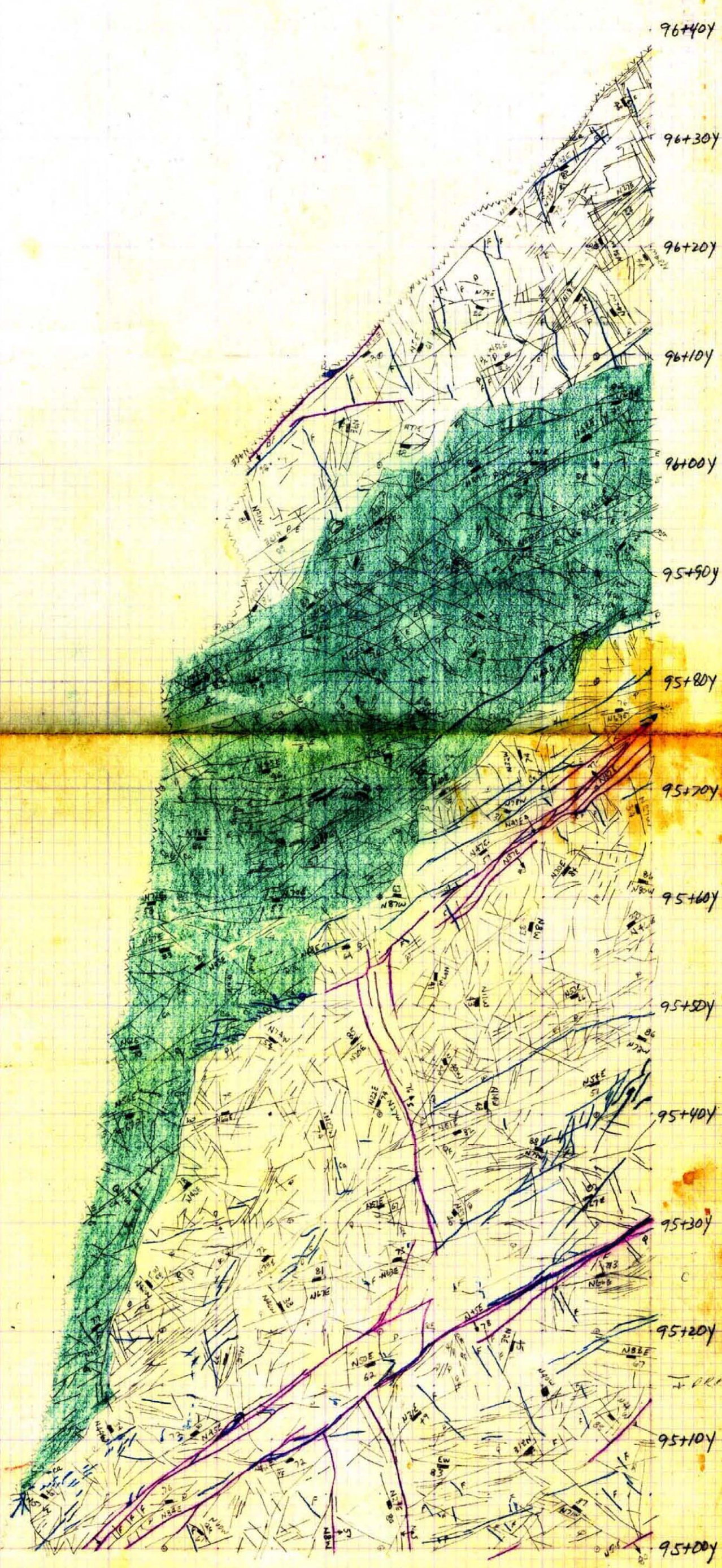


50
98+00X
98+00X

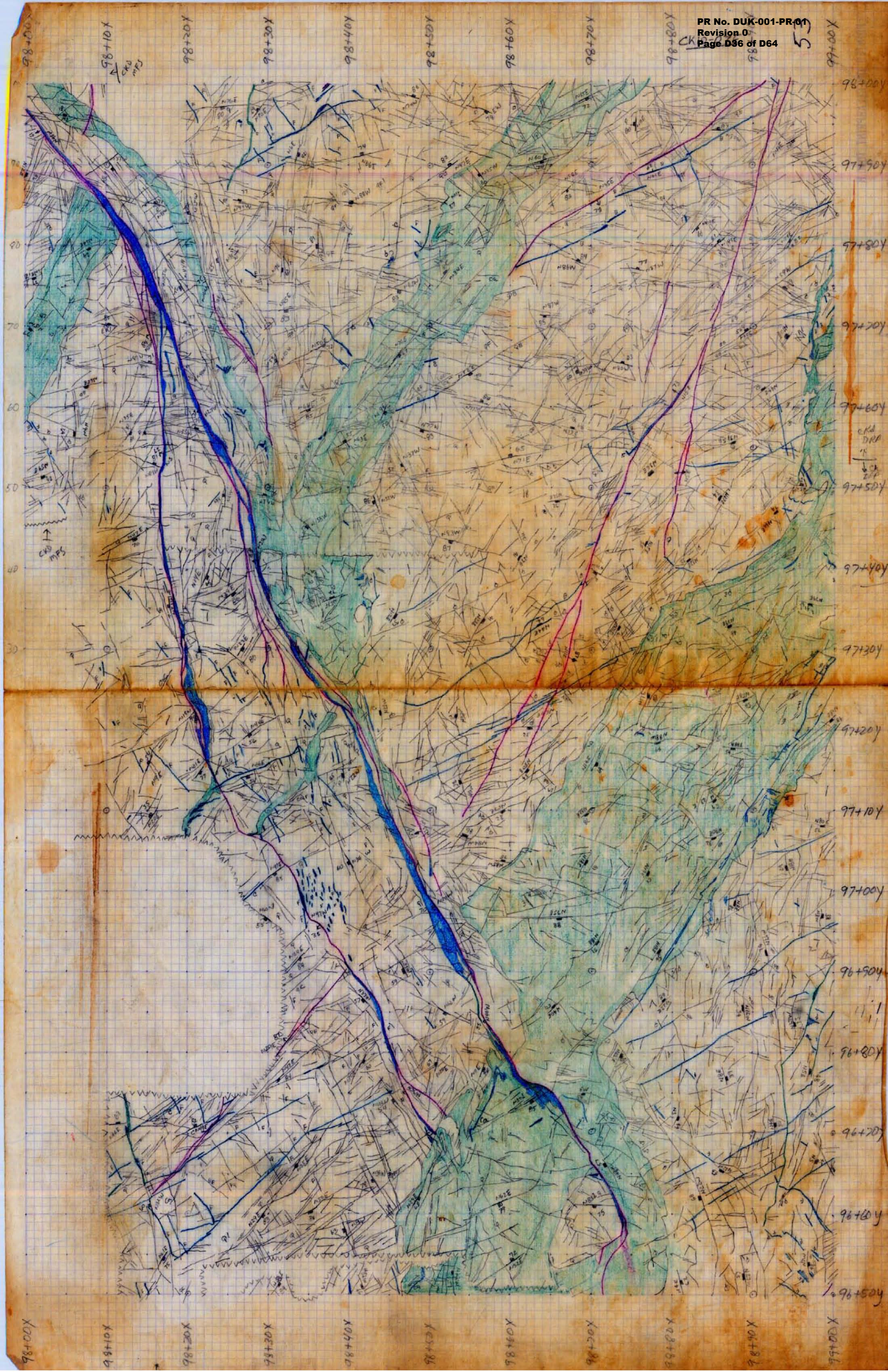




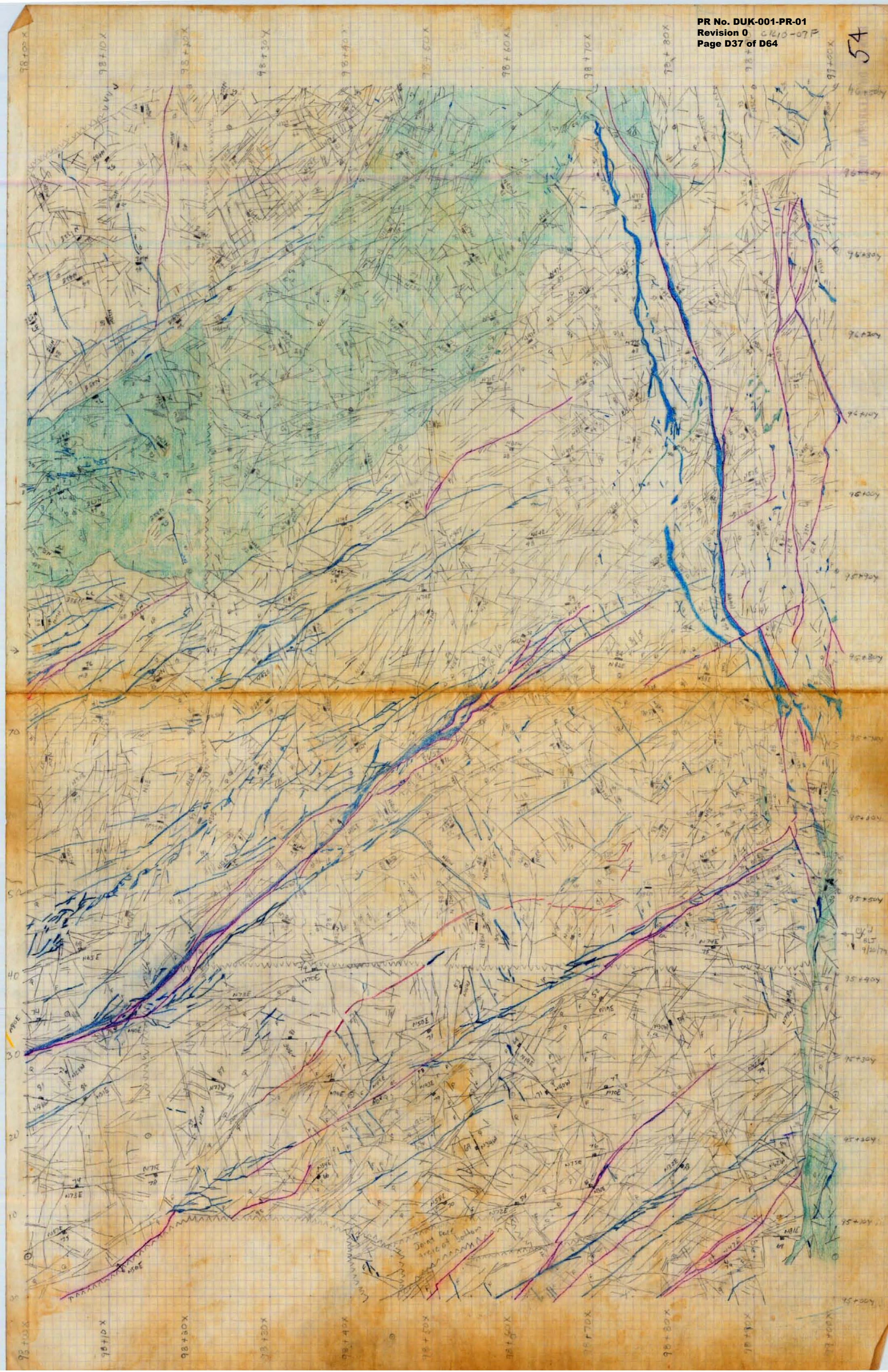
97+00X 97+10X 97+20X 97+30X 97+40X 97+50X 97+60X 97+70X 97+80X 98+00X



97+00X 97+10X 97+20X 97+30X 97+40X 97+50X 97+60X 97+70X 97+80X 97+90X 98+00X

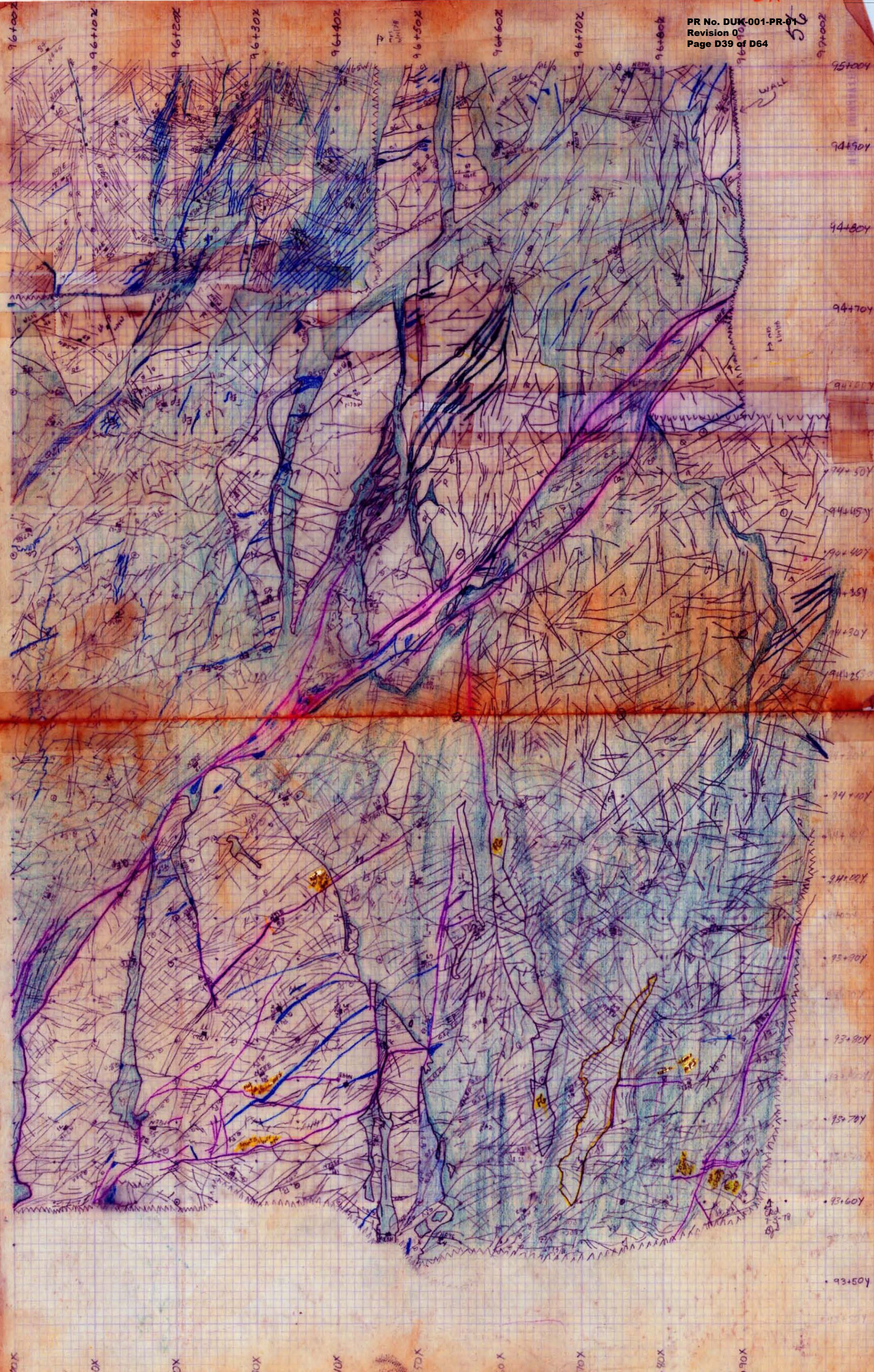


54



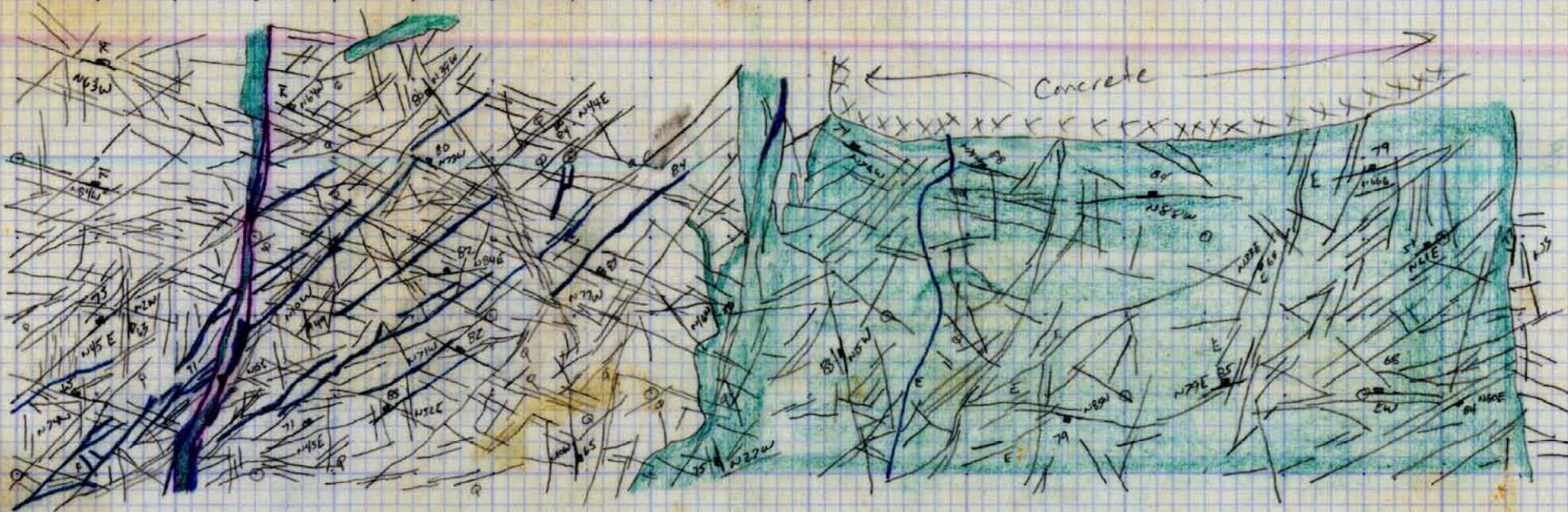
55



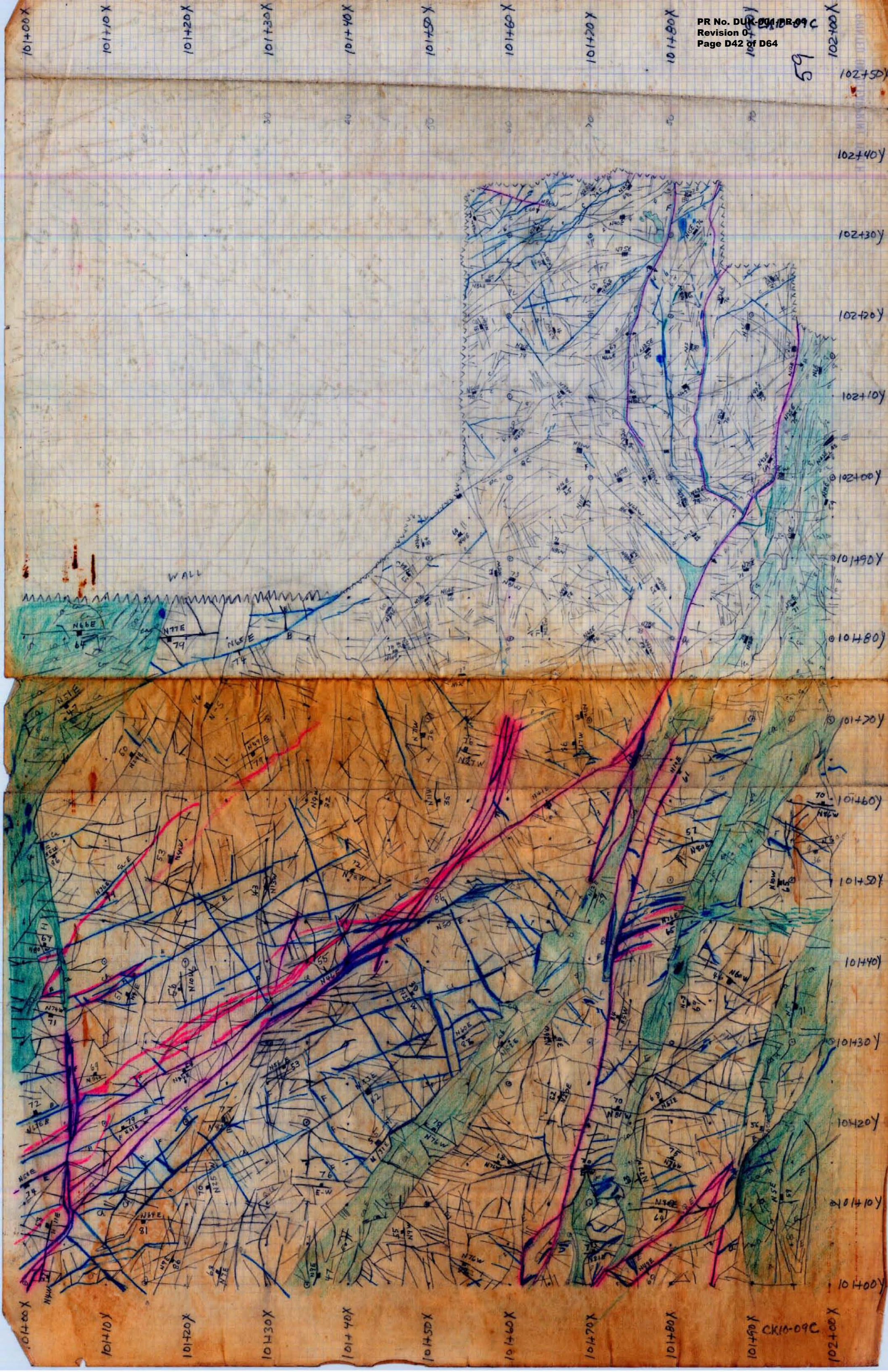


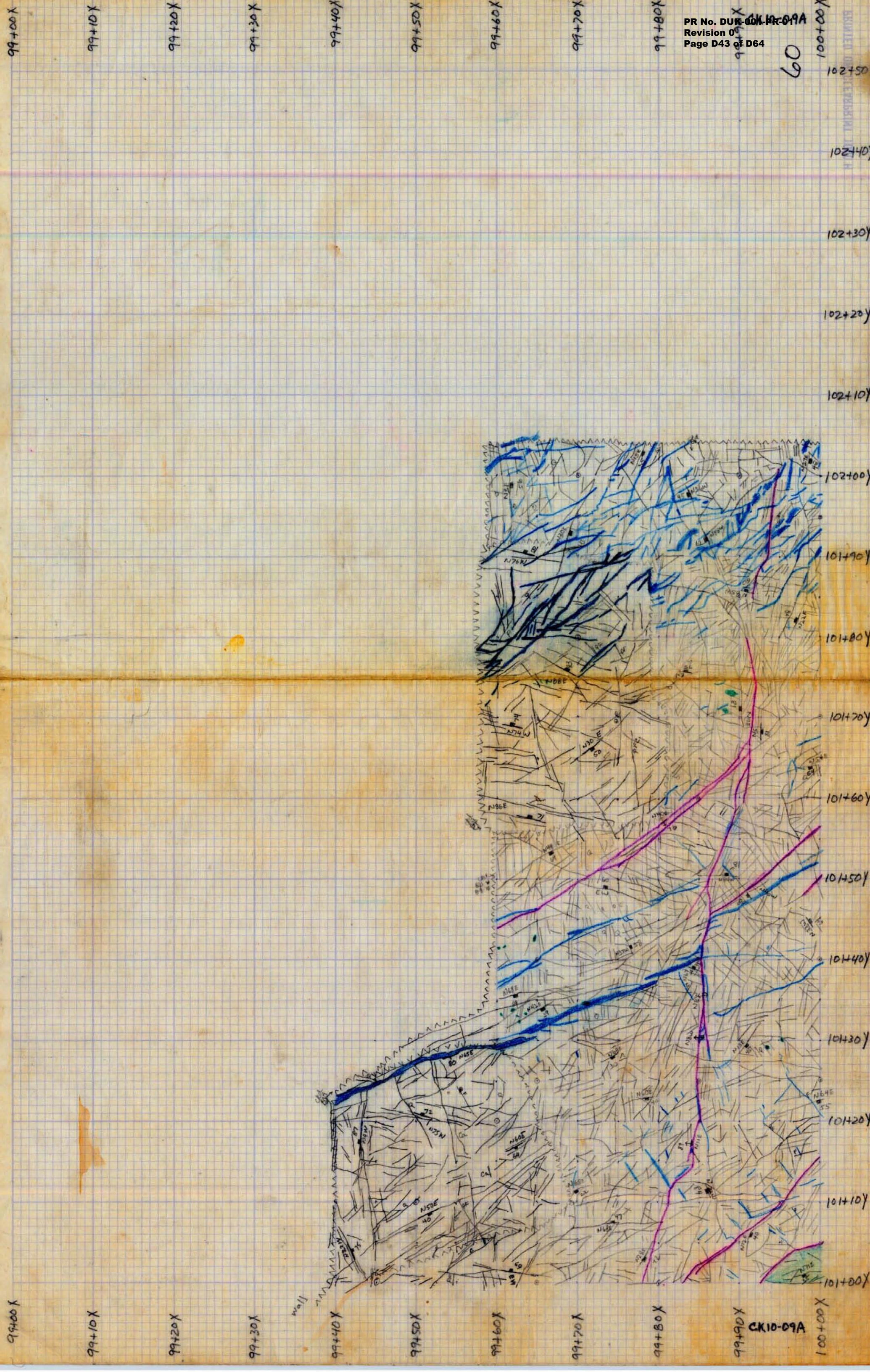


954004



97400X

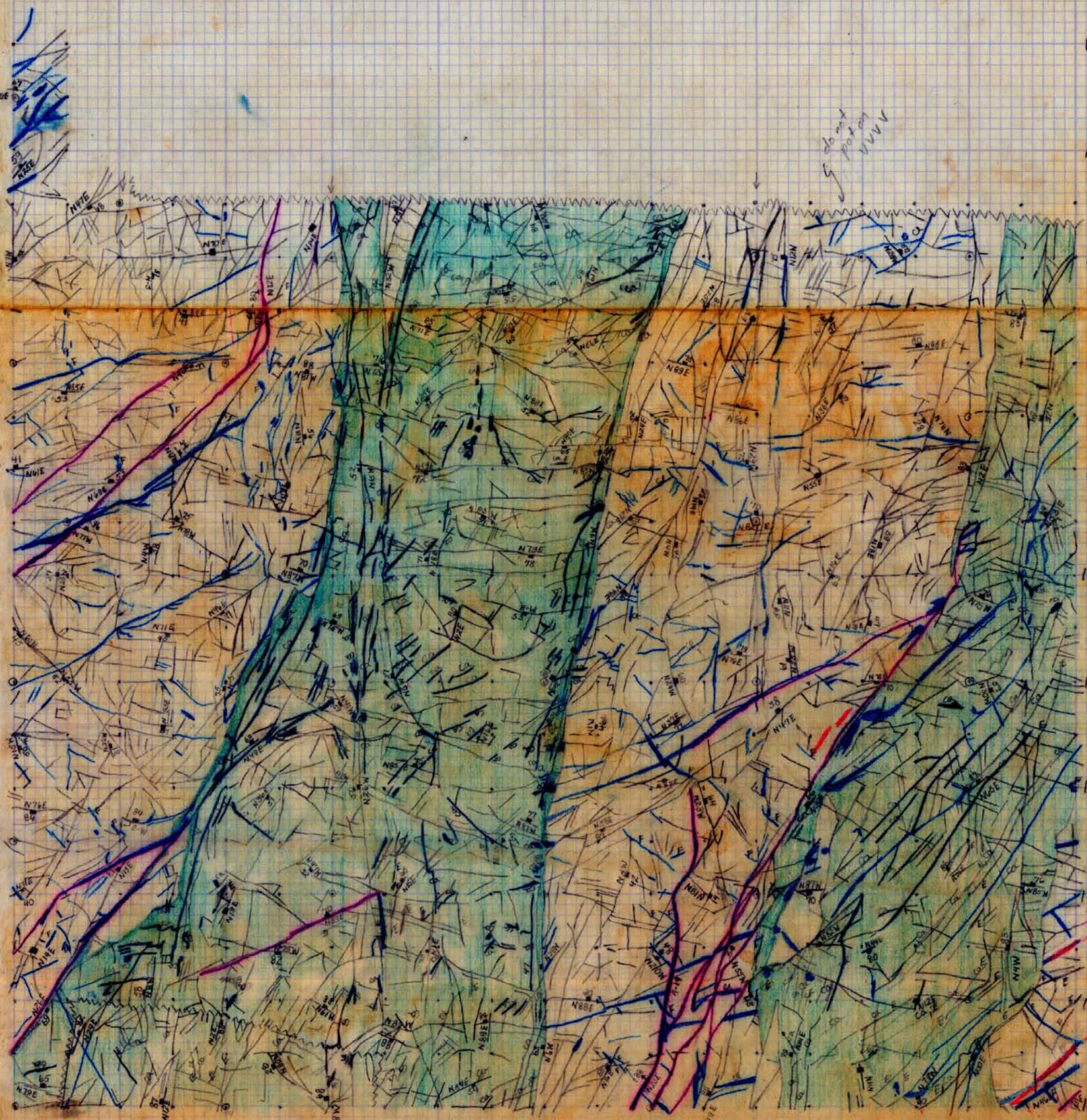




61

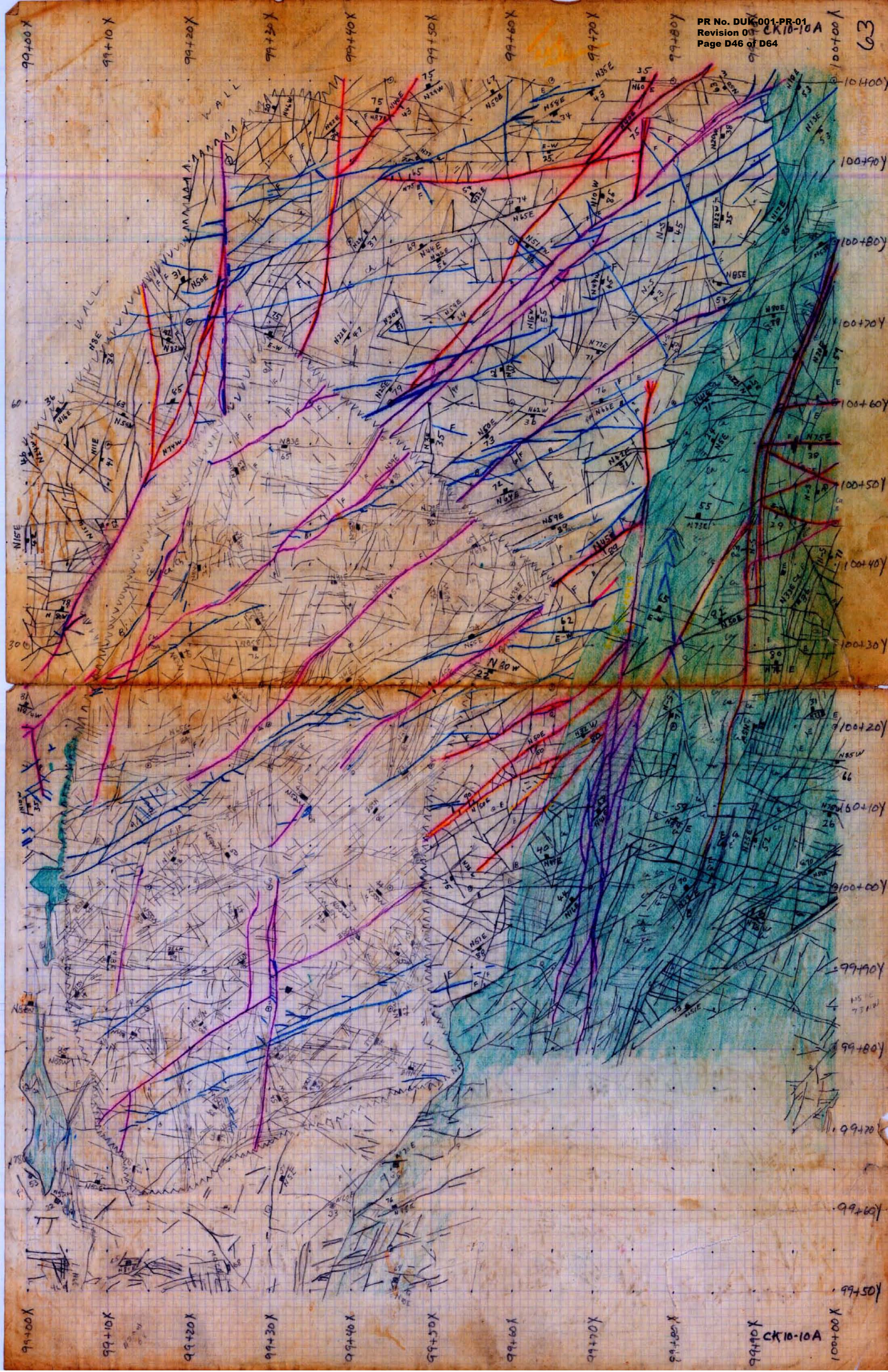
101+80X
102+50Y
102+40Y
102+30Y
102+20Y
102+10Y
102+00Y
101+90Y
101+80Y
101+70Y
101+60Y
101+50Y
101+40Y
101+30Y
101+20Y
101+10Y
101+00Y

100+80X
100+70X
100+60X
100+50X
100+40X
100+30X
100+20X
100+10X
100+00X

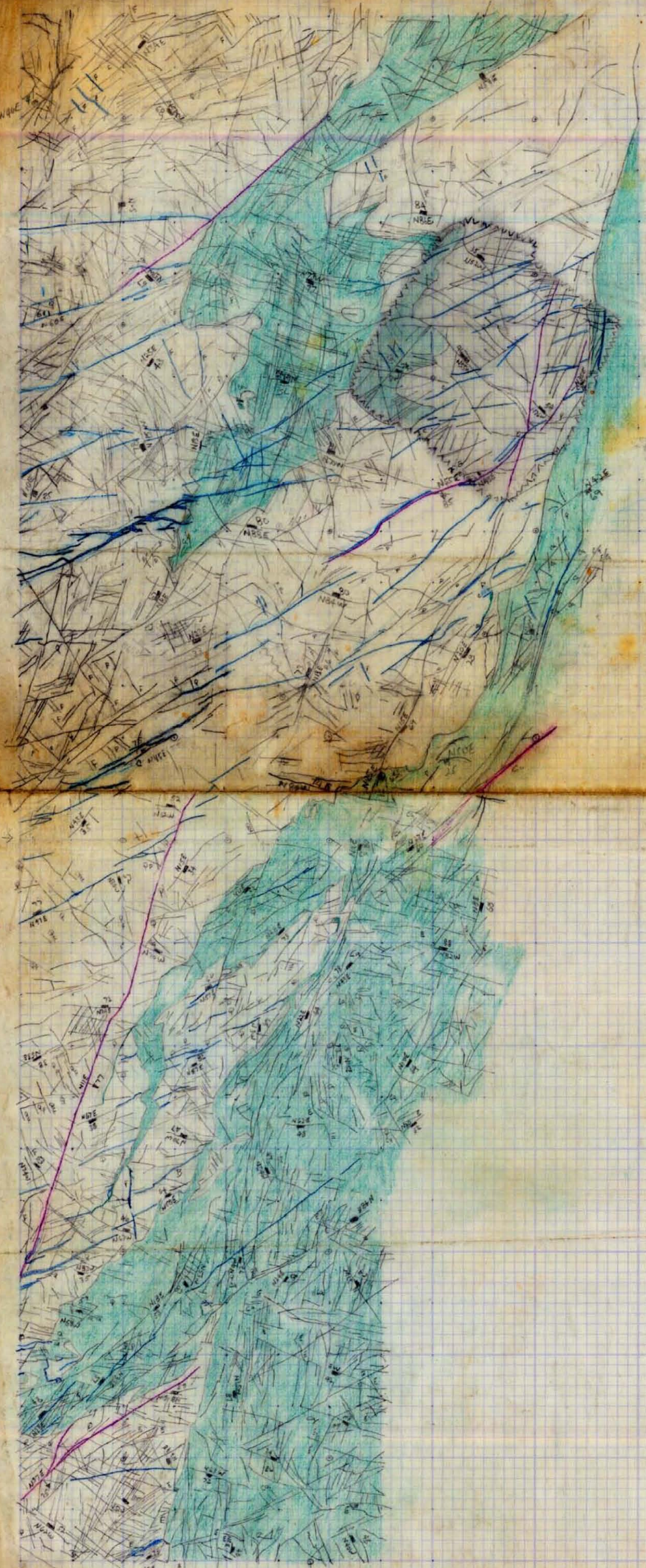


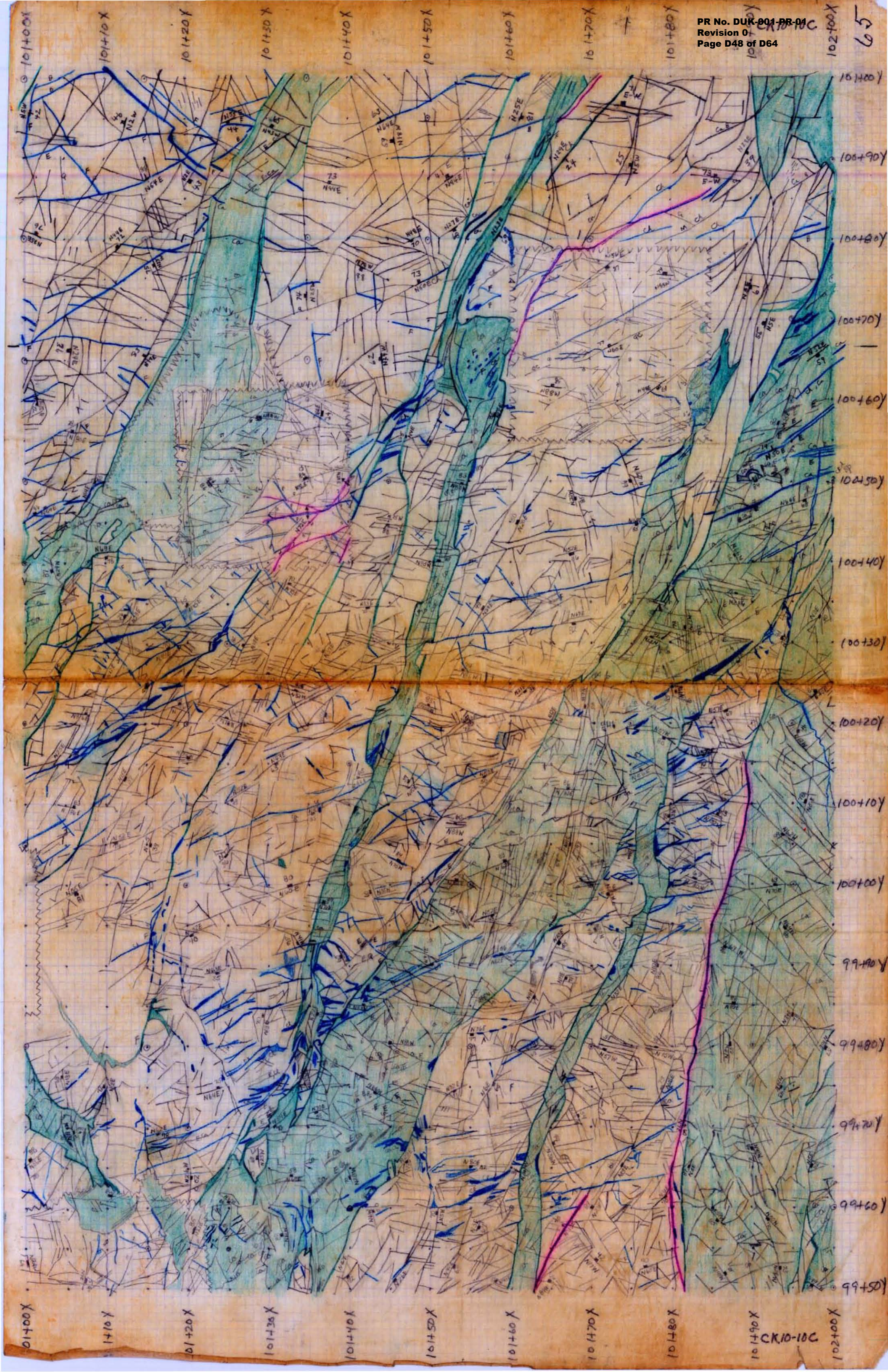
100+80X
100+70X
100+60X
100+50X
100+40X
100+30X
100+20X
100+10X
100+00X

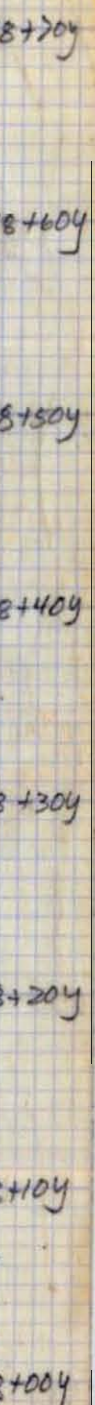
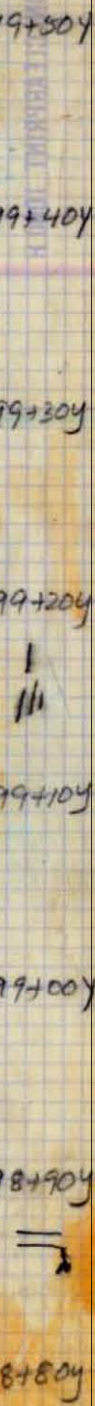




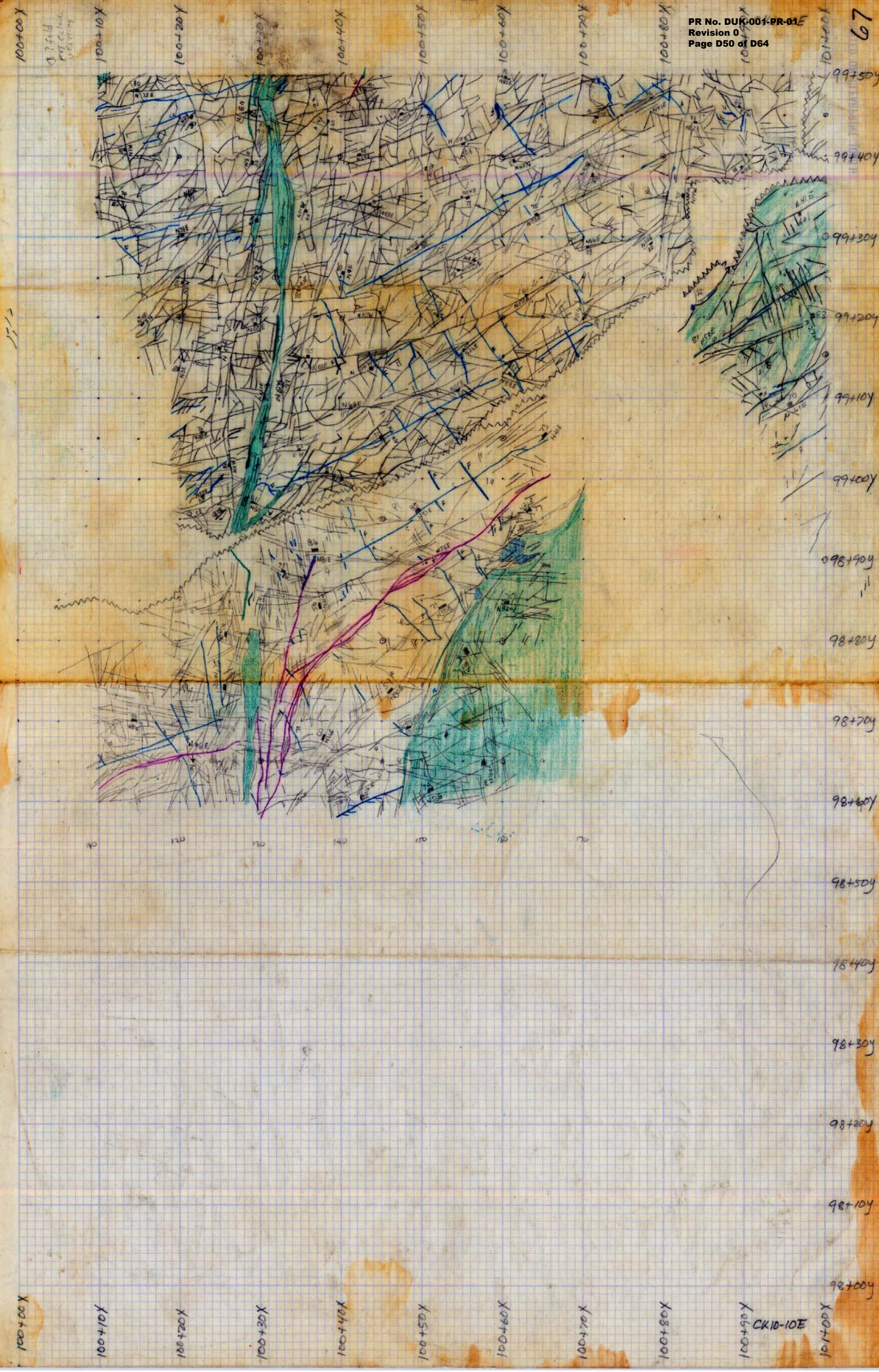
X03+66
X04+66
X05+66
X06+66
X06+66
X07+66
X07+66
X01+66
X02+66

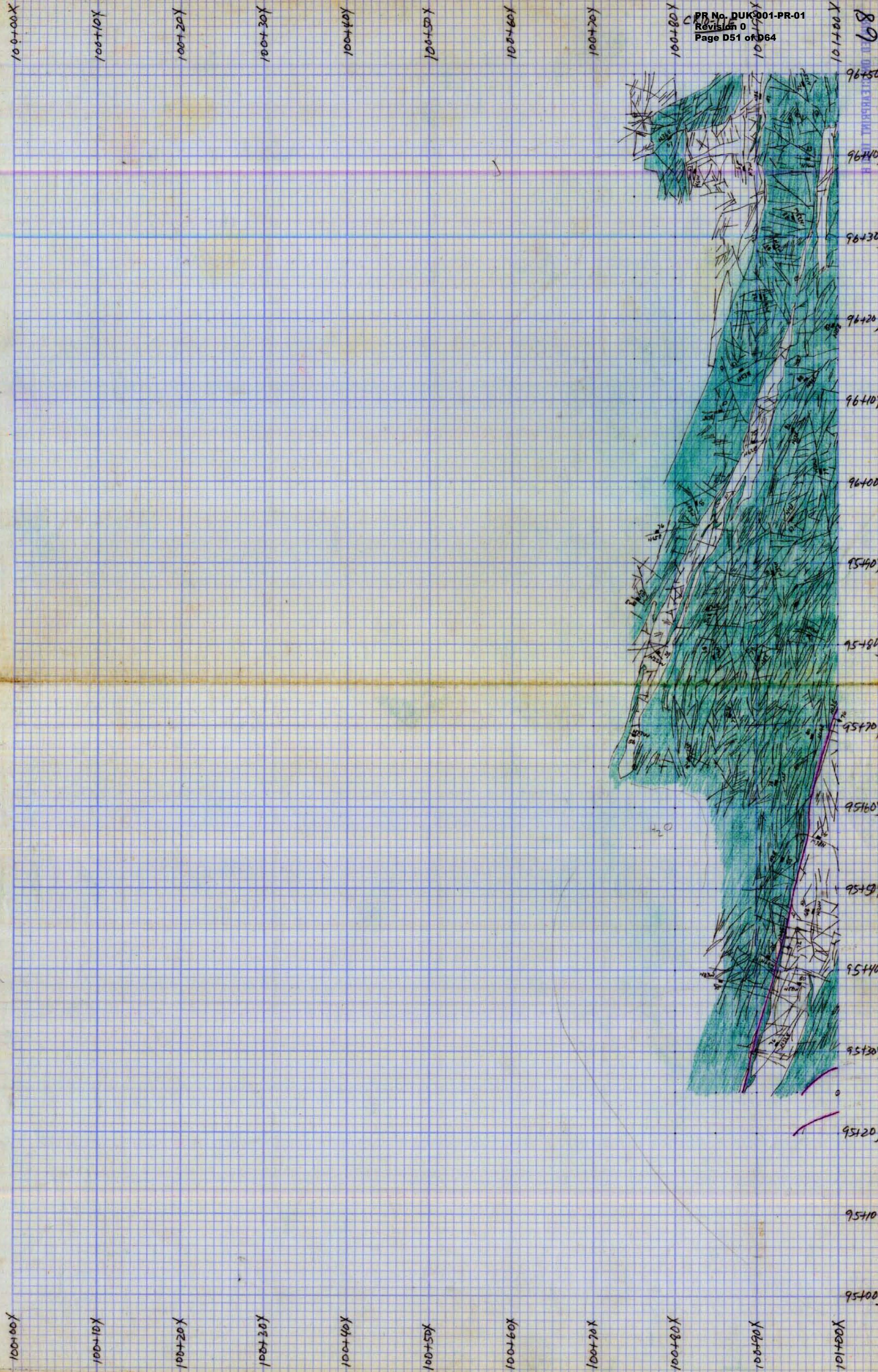


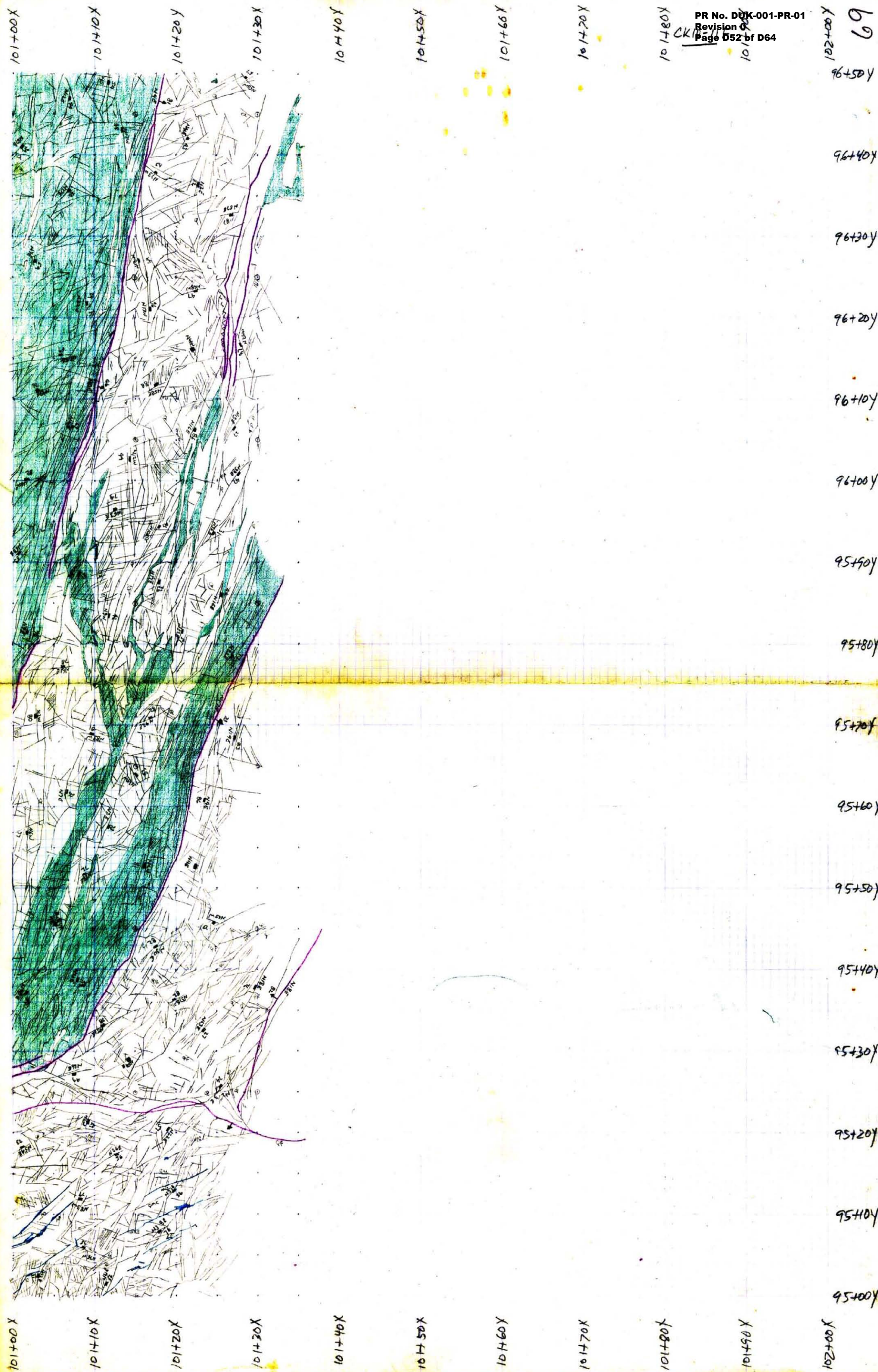




67







70



71
98+00Y
97+90Y

97+80Y

97+70Y

97+60Y

97+50Y

97+40Y

97+30Y

97+20Y

97+10Y

97+00Y

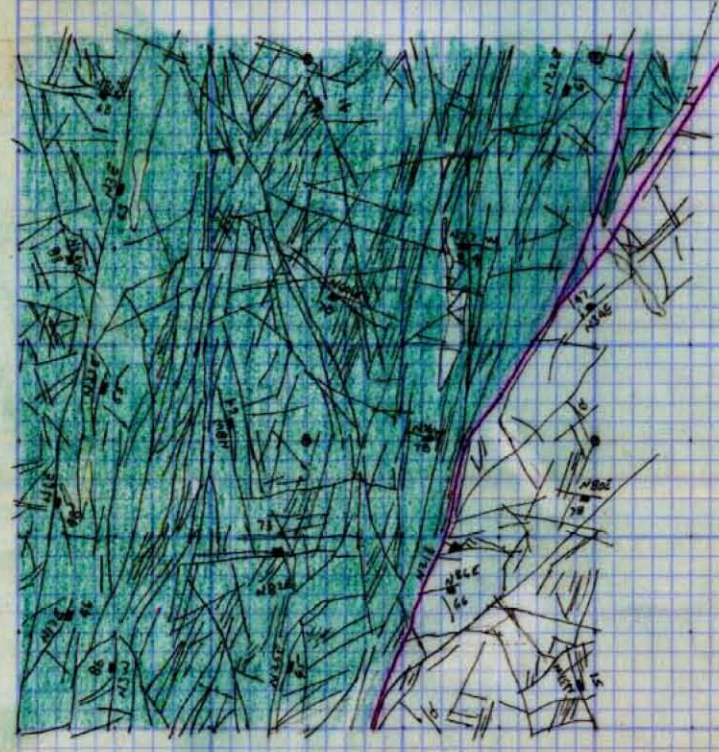
96+90Y

96+80Y

96+70Y

96+60Y

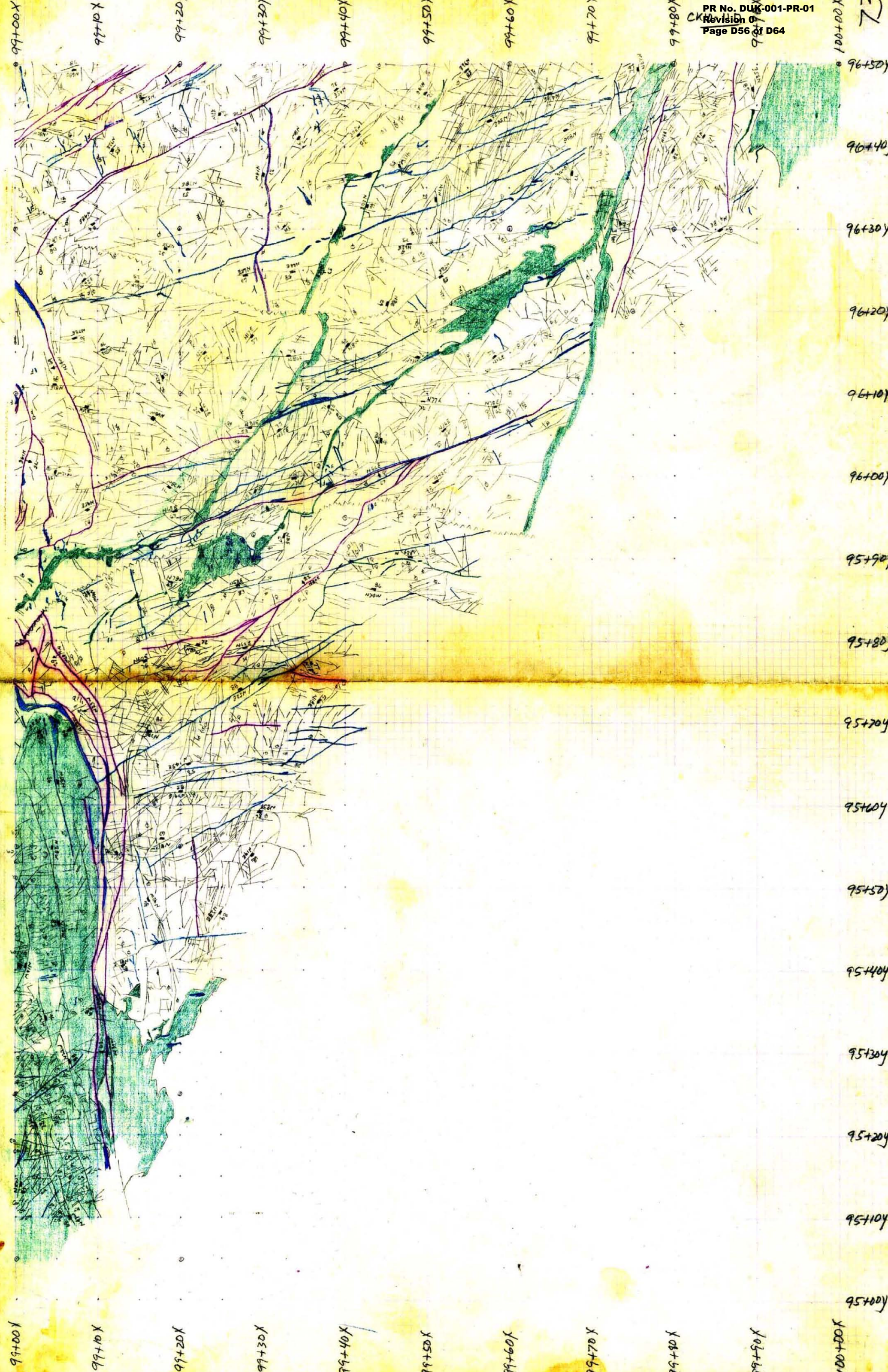
96+50Y



101+00X
101+10X
101+20X
101+30X
101+40X
101+50X
101+60X
101+70X
101+80X
101+90X
102+00X

101+00X
101+10X
101+20Y
101+30X
101+40X
101+50X
101+60X
101+70X
101+80X
101+90X
102+00X

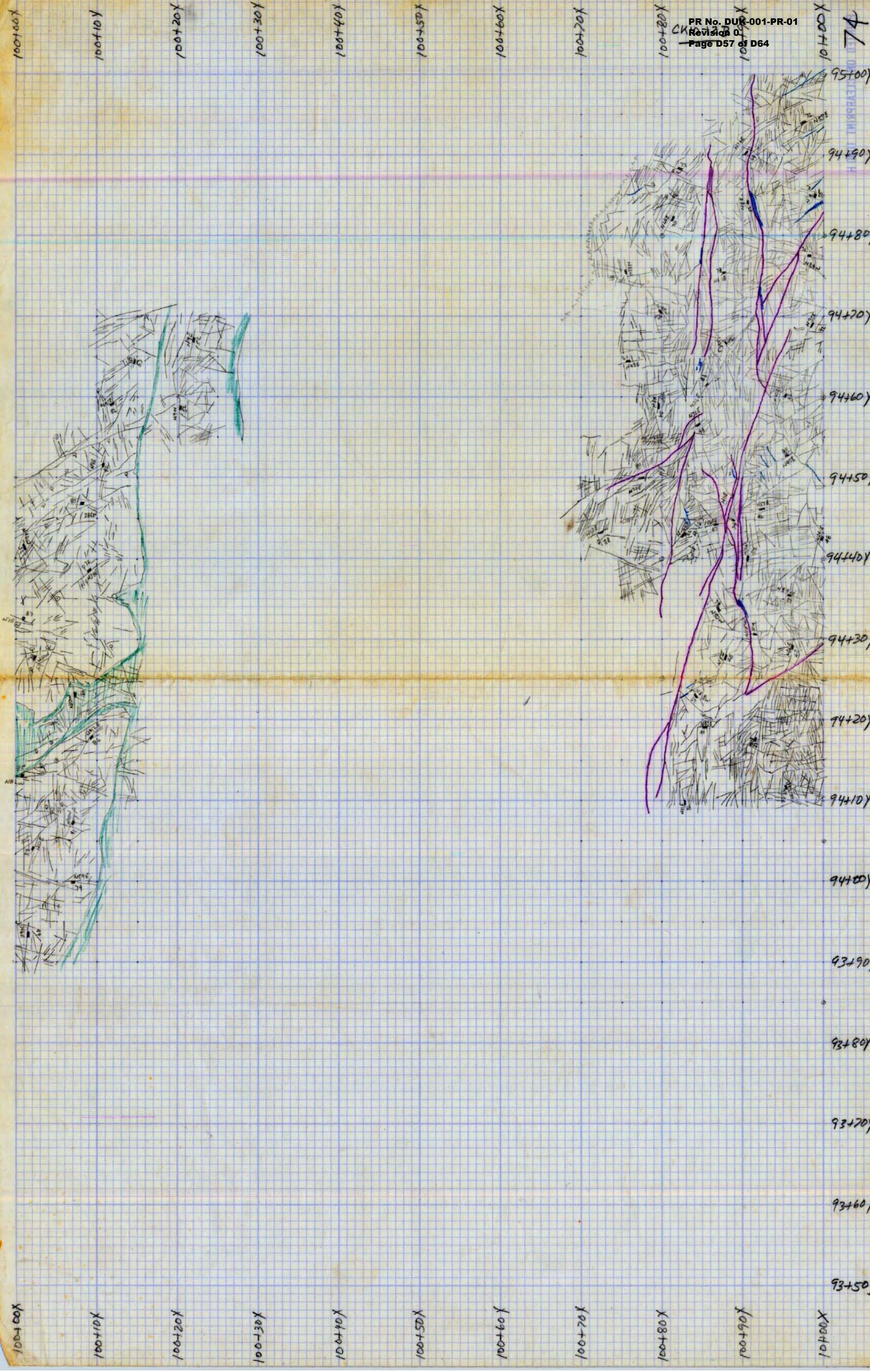




23

99+00X
99+10X
99+20X
99+30X
99+40X
99+50X
99+60X
99+70X
99+80X
99+90X
100+00X

96+50Y
96+40Y
96+30Y
96+20Y
96+10Y
96+00Y
95+90Y
95+80Y
95+70Y
95+60Y
95+50Y
95+40Y
95+30Y
95+20Y
95+10Y
95+00Y





101+00X
101+10X
101+20X
101+30X
101+40X
101+50X
101+60X
101+70X
101+80X
101+90X
102+00X

101+00Y
101+10Y
101+20Y
101+30Y
101+40Y
101+50Y
101+60Y
101+70Y
101+80Y
101+90Y
102+00Y

101+00Z
101+10Z
101+20Z
101+30Z
101+40Z
101+50Z
101+60Z
101+70Z
101+80Z
101+90Z
102+00Z

101+00A
101+10A
101+20A
101+30A
101+40A
101+50A
101+60A
101+70A
101+80A
101+90A
102+00A

101+00B
101+10B
101+20B
101+30B
101+40B
101+50B
101+60B
101+70B
101+80B
101+90B
102+00B

101+00C
101+10C
101+20C
101+30C
101+40C
101+50C
101+60C
101+70C
101+80C
101+90C
102+00C

101+00D
101+10D
101+20D
101+30D
101+40D
101+50D
101+60D
101+70D
101+80D
101+90D
102+00D

101+00E
101+10E
101+20E
101+30E
101+40E
101+50E
101+60E
101+70E
101+80E
101+90E
102+00E

101+00F
101+10F
101+20F
101+30F
101+40F
101+50F
101+60F
101+70F
101+80F
101+90F
102+00F

101+00G
101+10G
101+20G
101+30G
101+40G
101+50G
101+60G
101+70G
101+80G
101+90G
102+00G

101+00H
101+10H
101+20H
101+30H
101+40H
101+50H
101+60H
101+70H
101+80H
101+90H
102+00H

101+00I
101+10I
101+20I
101+30I
101+40I
101+50I
101+60I
101+70I
101+80I
101+90I
102+00I

99+00X 99+10X 99+20X 99+30X 99+40X 99+50X 99+60X 99+70X 99+80X 99+90X 100+00X

PR No. DUK-001-PR-01
Revision 0
Page D59 of D64

72
95+00Y
94+90Y
94+80Y
94+70Y
94+60Y
94+50Y
94+40Y
94+30Y
94+20Y
94+10Y
94+00Y
93+90Y
93+80Y
93+70Y
93+60Y
93+50Y



99+00X 99+10X 99+20X 99+30X 99+40X 99+50X 99+60X 99+70X 99+80X 99+90X 100+00X

103+00X
102+50Y
102+40Y

102+30Y

102+20Y

102+10Y

102+00Y

101+90Y

101+80Y

101+70Y

101+60Y

101+50Y

101+40Y

101+30Y

101+20Y

101+10Y

101+00Y

103+00X
102+90X
CK10-13A

102+80X

102+70X

102+60X

102+50X

102+40X

102+30X

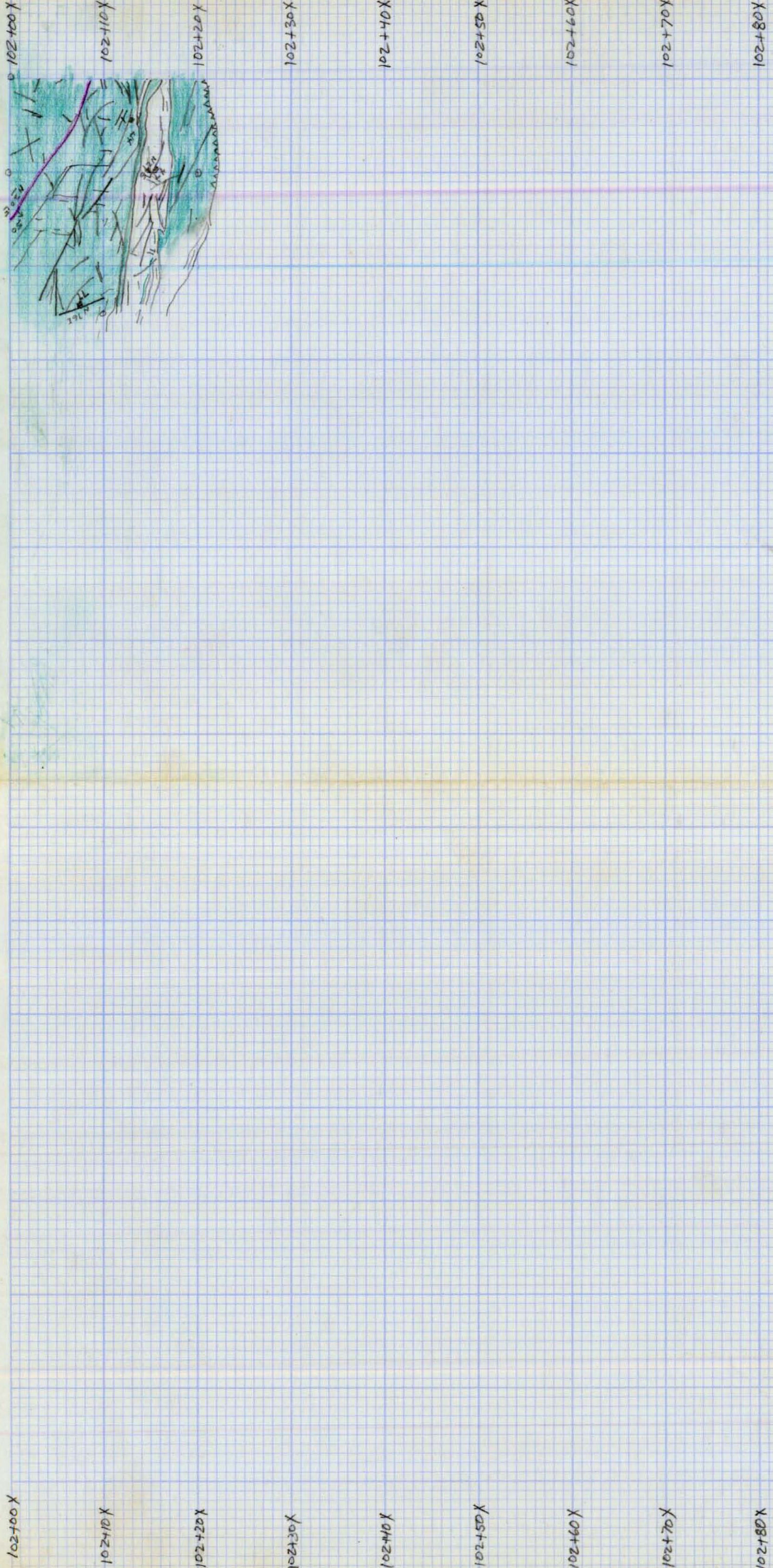
102+20X

102+10X

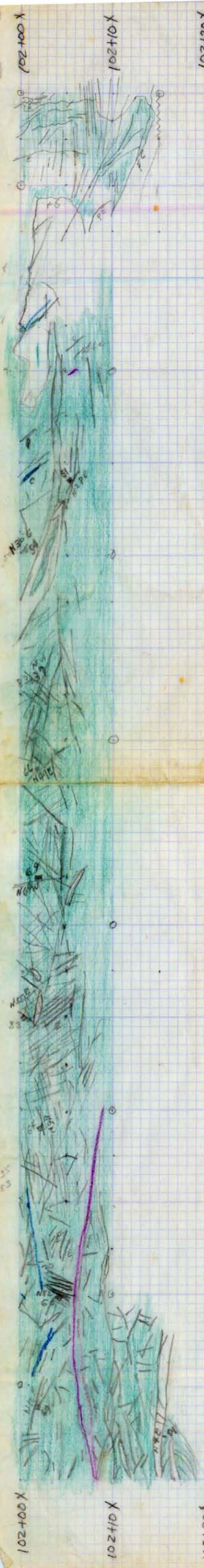
102+00X



103+00X
99+50y
99+40y
99+30y
99+20y
99+10y
99+00y
98+90y
98+80y
98+70y
98+60y
98+50y
98+40y
98+30y
98+20y
98+10y
98+00y



103+00X
79
10400Y
100+90Y
100+80Y
100+70Y
100+60Y
100+50Y
100+40Y
100+30Y
100+20Y
100+10Y
100+00Y
99+90Y
99+80Y
99+70Y
99+60Y
99+50Y



CK10-14A

97+904

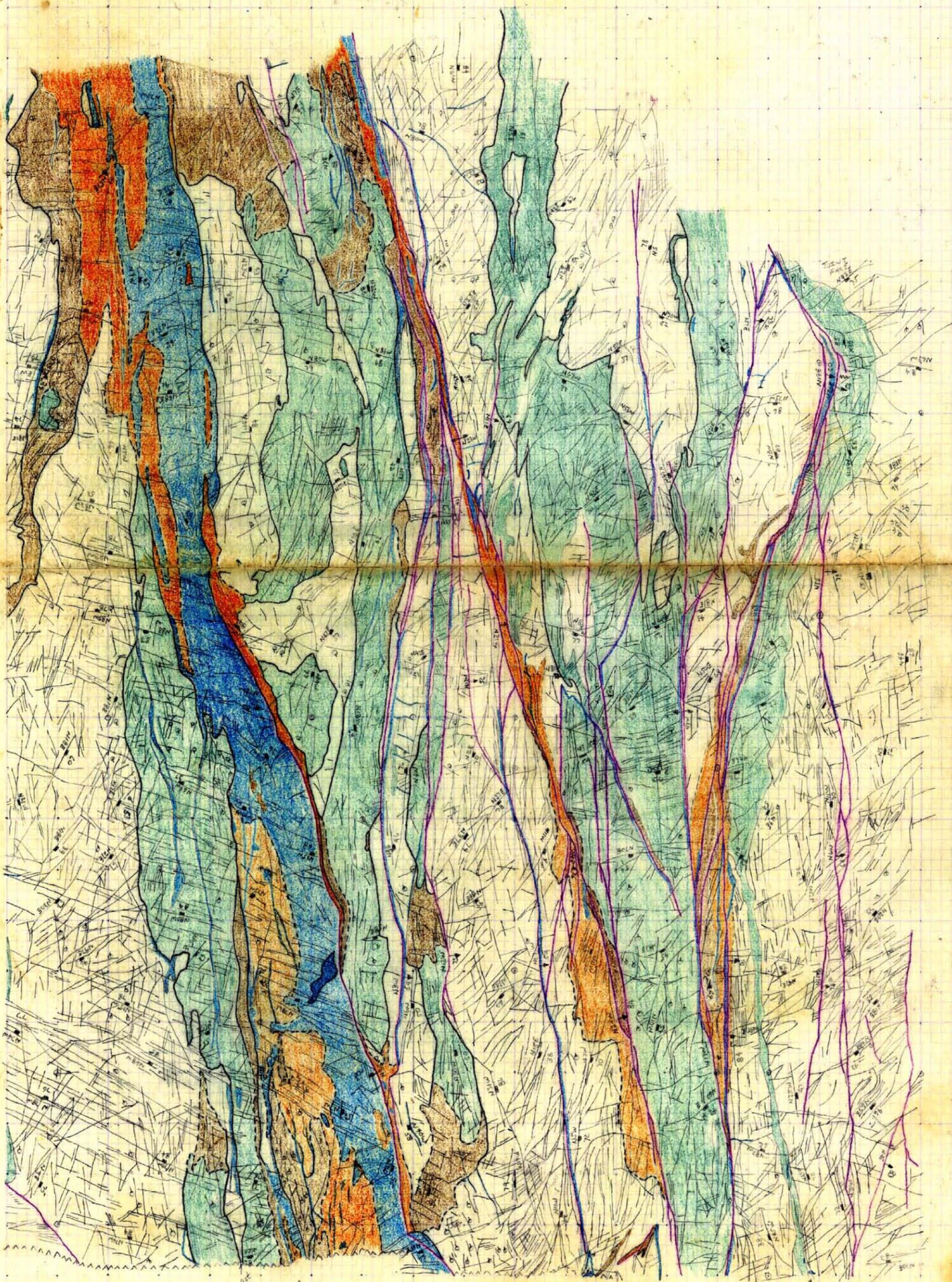
 $97 + 804$ $97 + 70y$ $97 + 60y$ $97 + 50 = 147$ $97+404$
$$.77 \div 304$$

1772

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

10-409

44



122

72-608

92426

72+ 80x

2 + 90x

973 + 008

93-0708

$$x^2 + 2x$$
 $95 + 30x$

73 + 40x

772 + 500 =

91+50X

91+60X

91+70X

91+80X

91+90X

92+00X

92+10X

92+20X

92+30X

92+40X

123

97+90Y

97+90Y

97+70Y

97+60Y

97+50Y

97+40Y

97+30Y

97+20Y

97+10Y

97+00Y

96+90Y

96+80Y

96+70Y

96+60Y

96+50Y

96+40Y

91+50X

91+60X

91+70X

91+80X

91+90X

92+00X

92+10X

92+20X

92+30X

92+40X

92+50X

