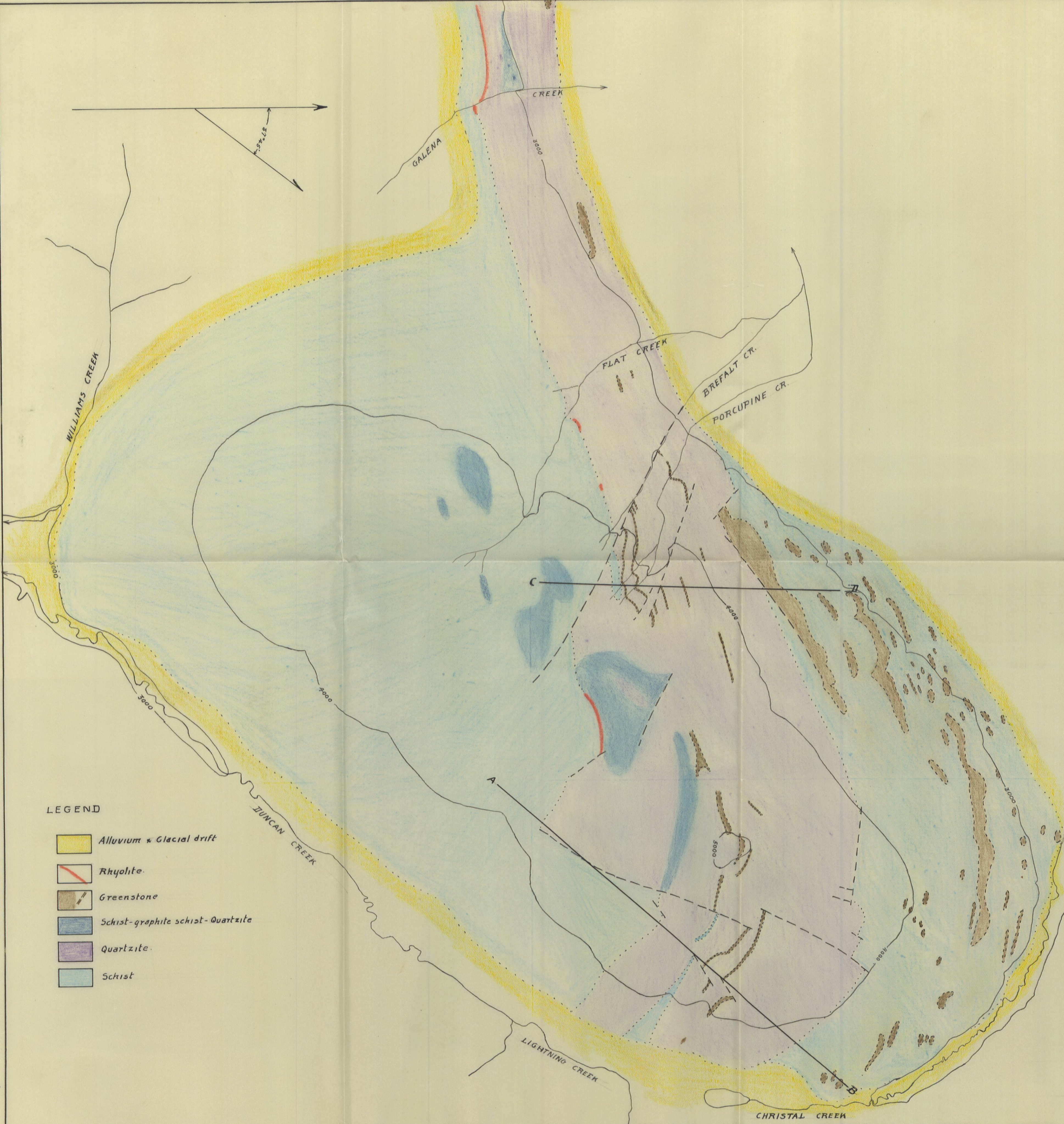


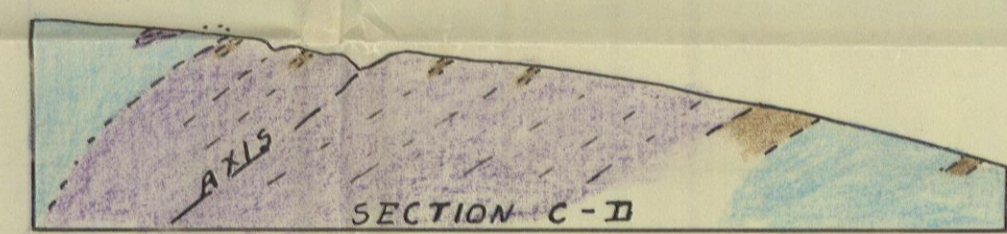
GALENA HILL
MAYO DISTRICT
YUKON

Scale 1 inch = 2000 ft.

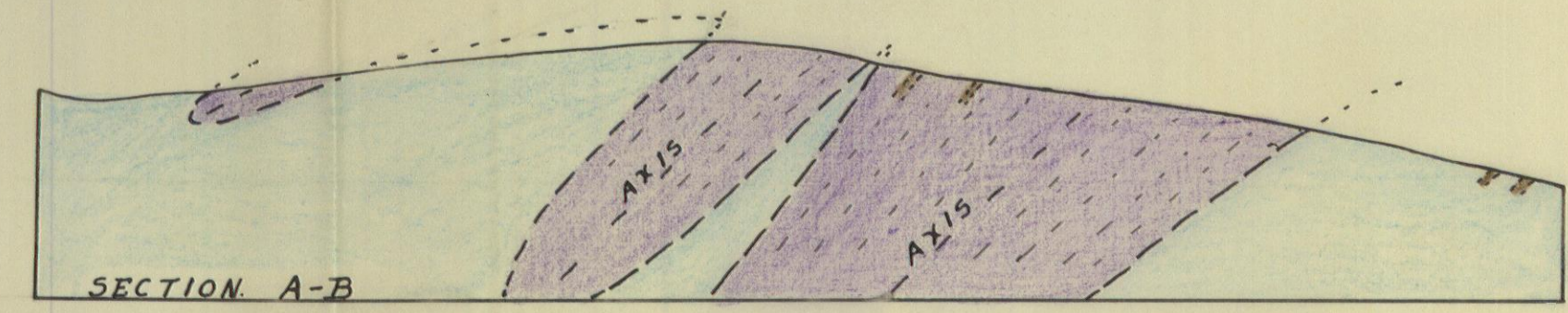
Geology by C.H. Stockwell
 1925

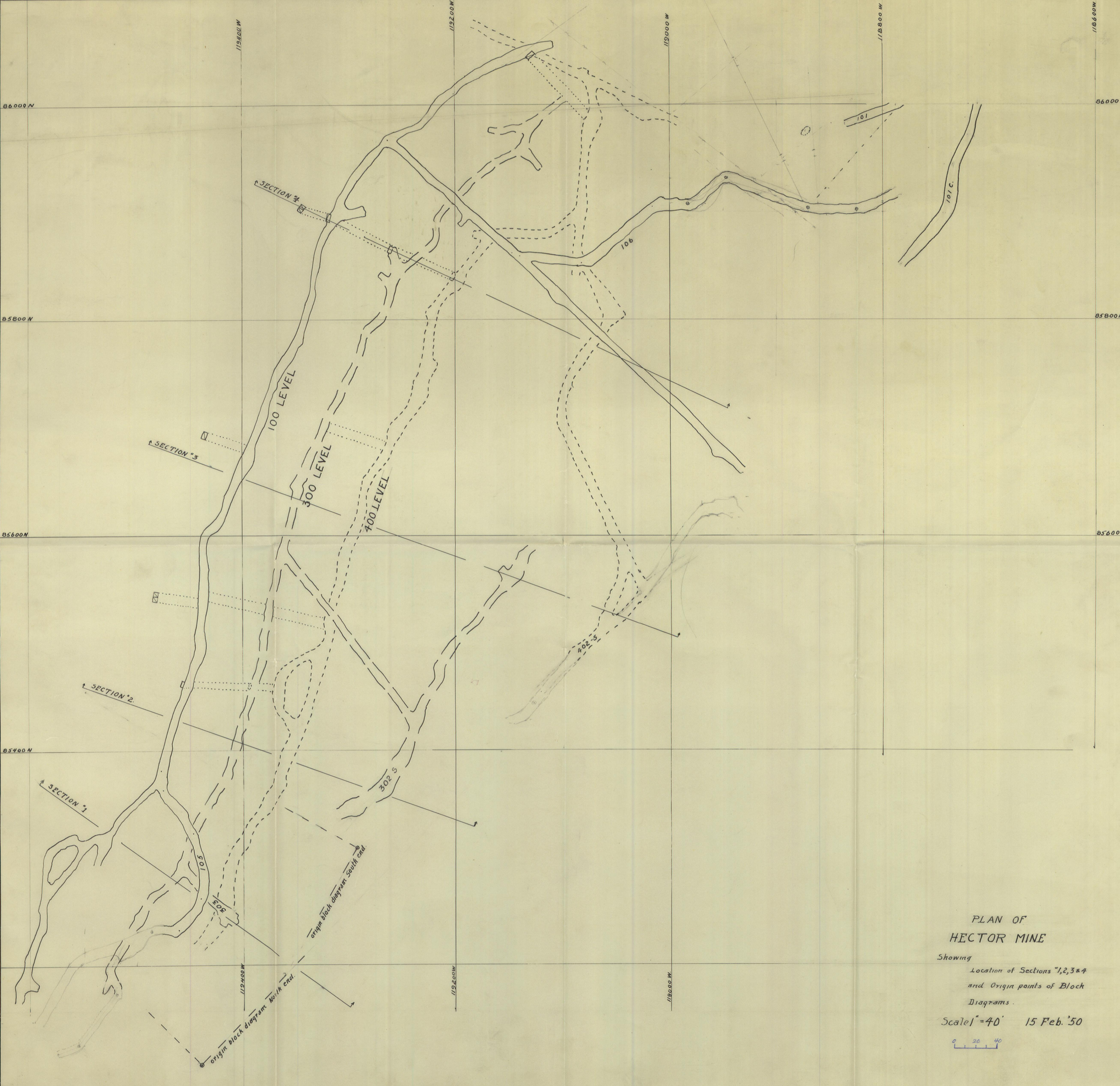


- LEGEND**
- Alluvium & Glacial drift
 - Rhyolite
 - Greenstone
 - Schist-graphite schist-Quartzite
 - Quartzite
 - Schist

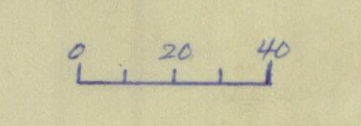


SECTIONS, interpretation
 W.V. Smith & co. geol.





PLAN OF
HECTOR MINE
Showing
Location of Sections 1, 2, 3 & 4
and Origin points of Block
Diagrams.
Scale 1" = 40' 15 Feb. '50

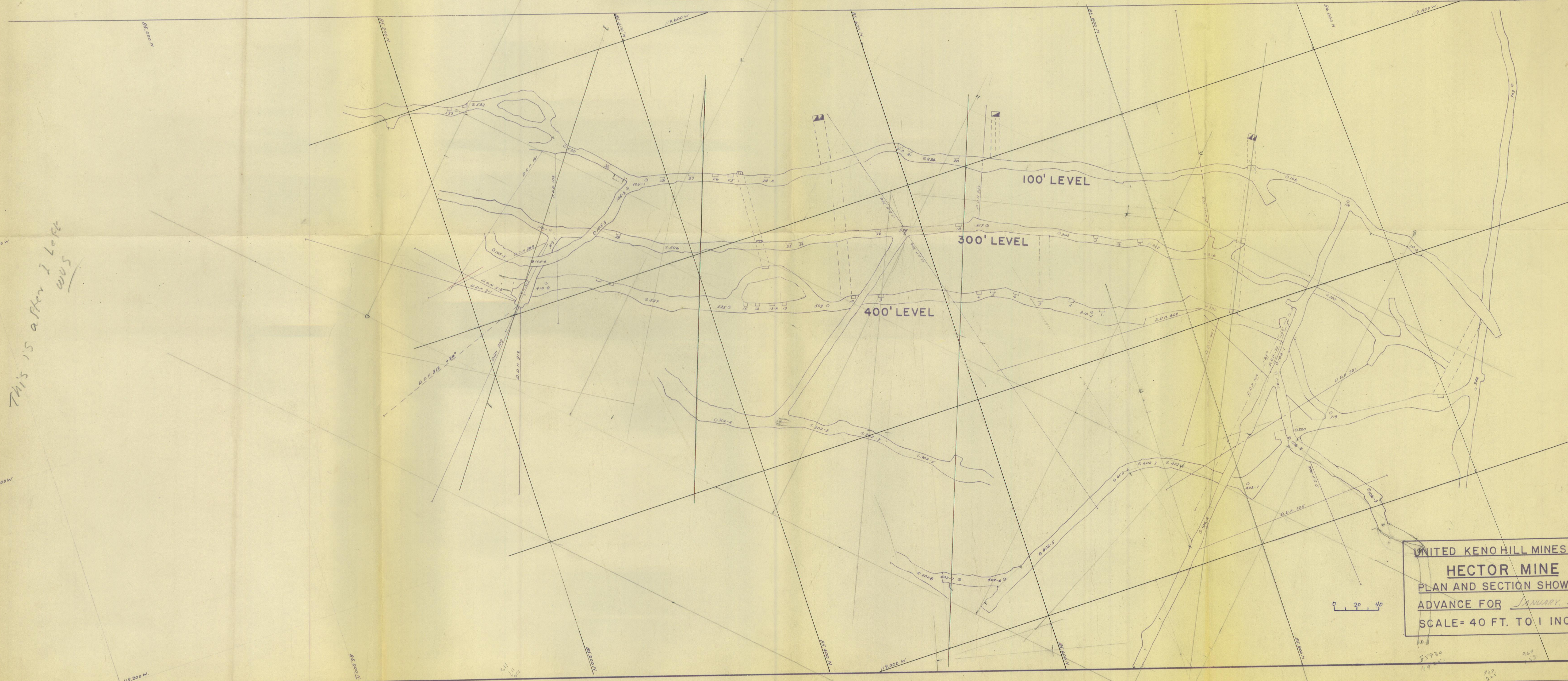




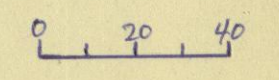
400' L.

VERTICAL SECTION, No. 3 VEIN.

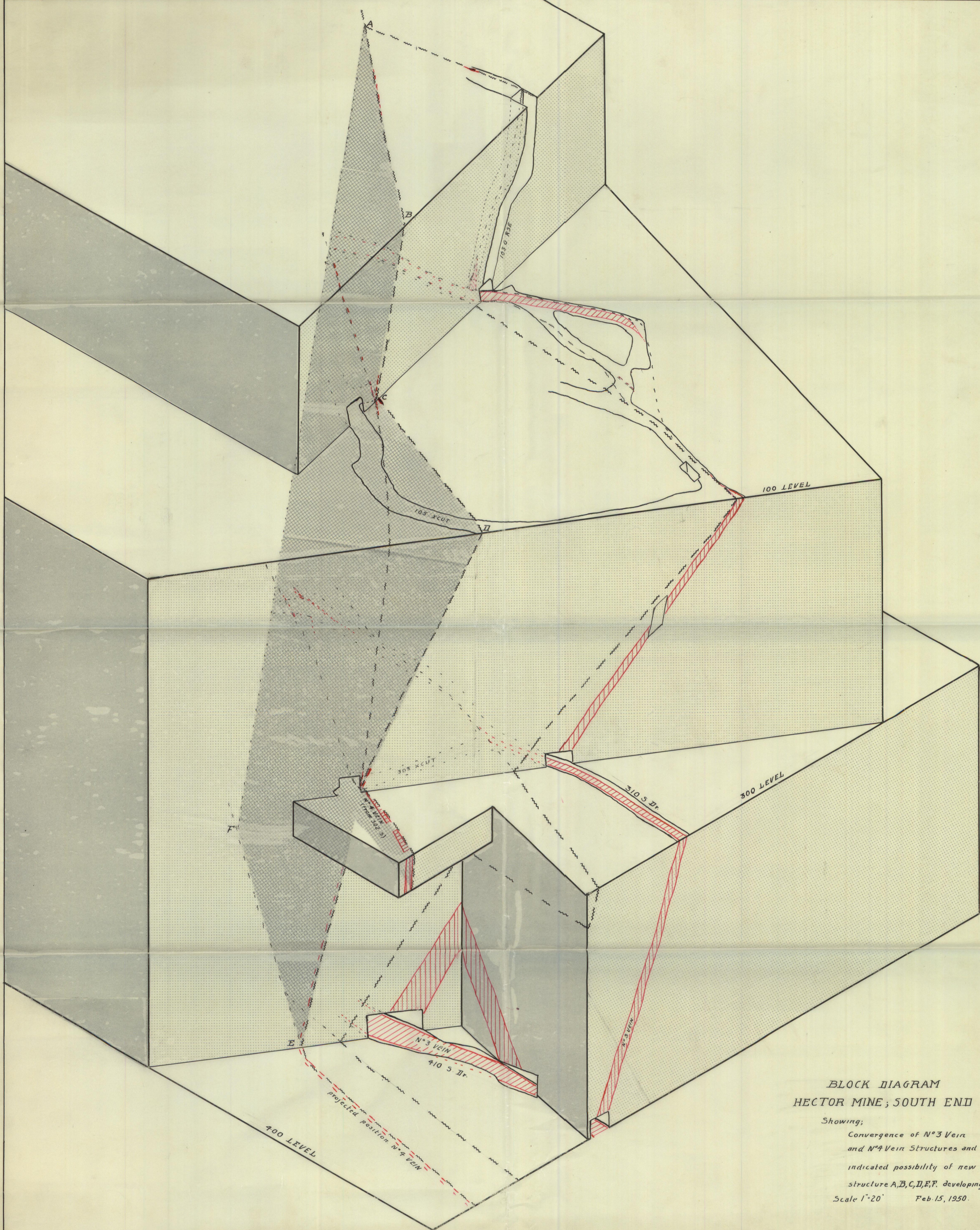
*This is after I left
was*



UNITED KENO HILL MINES LTD
HECTOR MINE
 PLAN AND SECTION SHOWING
 ADVANCE FOR JANUARY, 1950
 SCALE = 40 FT. TO 1 INCH.

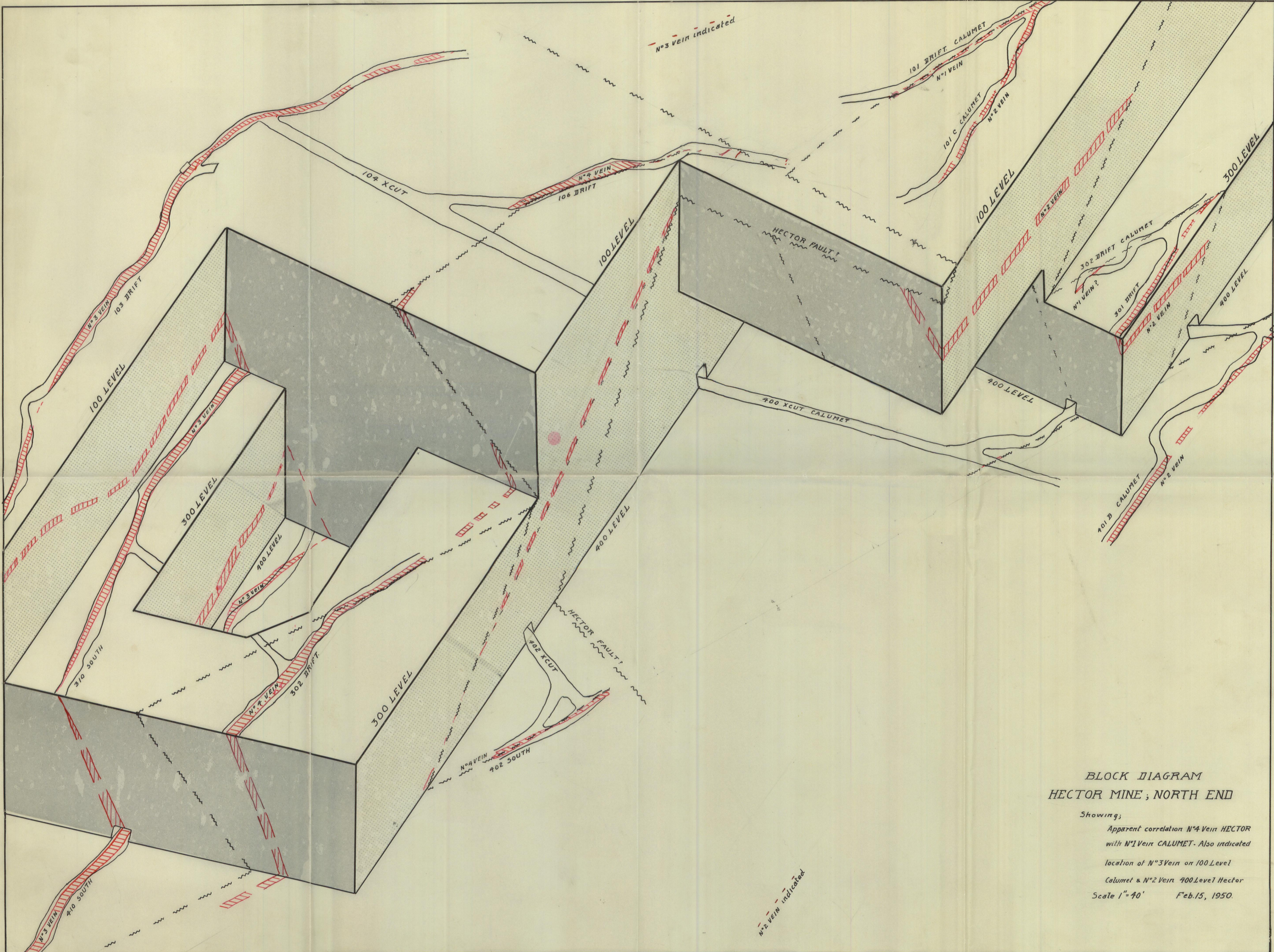


88930
117
904
53



**BLOCK DIAGRAM
HECTOR MINE, SOUTH END**

Showing;
Convergence of N° 3 Vein
and N° 4 Vein Structures and
indicated possibility of new
structure A, B, C, D, E, F. developing
Scale 1"=20' Feb. 15, 1950.



**BLOCK DIAGRAM
HECTOR MINE ; NORTH END**

Showing;
 Apparent correlation N°4 Vein HECTOR
 with N°1 Vein CALUMET. Also indicated
 location of N°3 Vein on 100 Level
 Calumet & N°2 Vein 400 Level Hector
 Scale 1" = 40' Feb. 15, 1950.

N°2 VEIN indicated

N°3 VEIN indicated

119000 W

86000 N

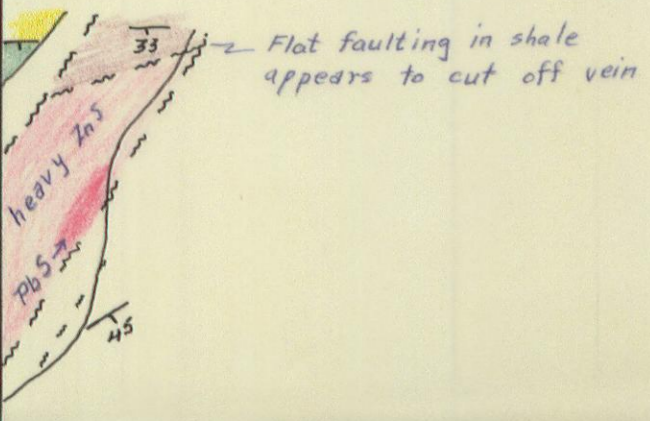
118000 W

118600 W

118400 W

86000 N

85800 N



300 Level

85600 N

85600 N

118000 W

118600 W

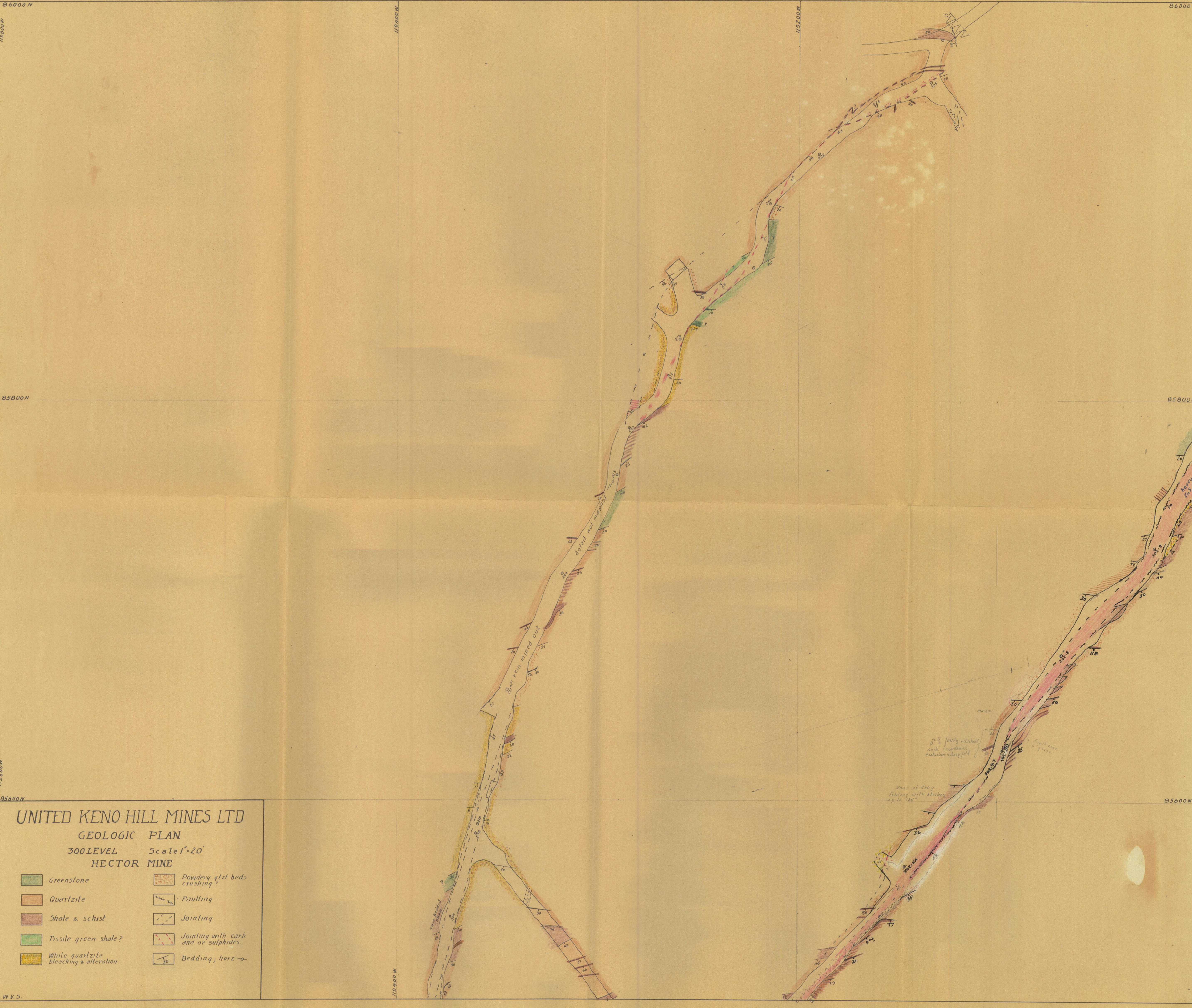
118400 W

GEOLOGIC PLAN











300 LEVEL

Scale 1" = 20'

HECTOR MINE



UNITED KENO HILL MINES LTD
 GEOLOGIC PLAN
 300 LEVEL Scale 1"=20'
 HECTOR MINE

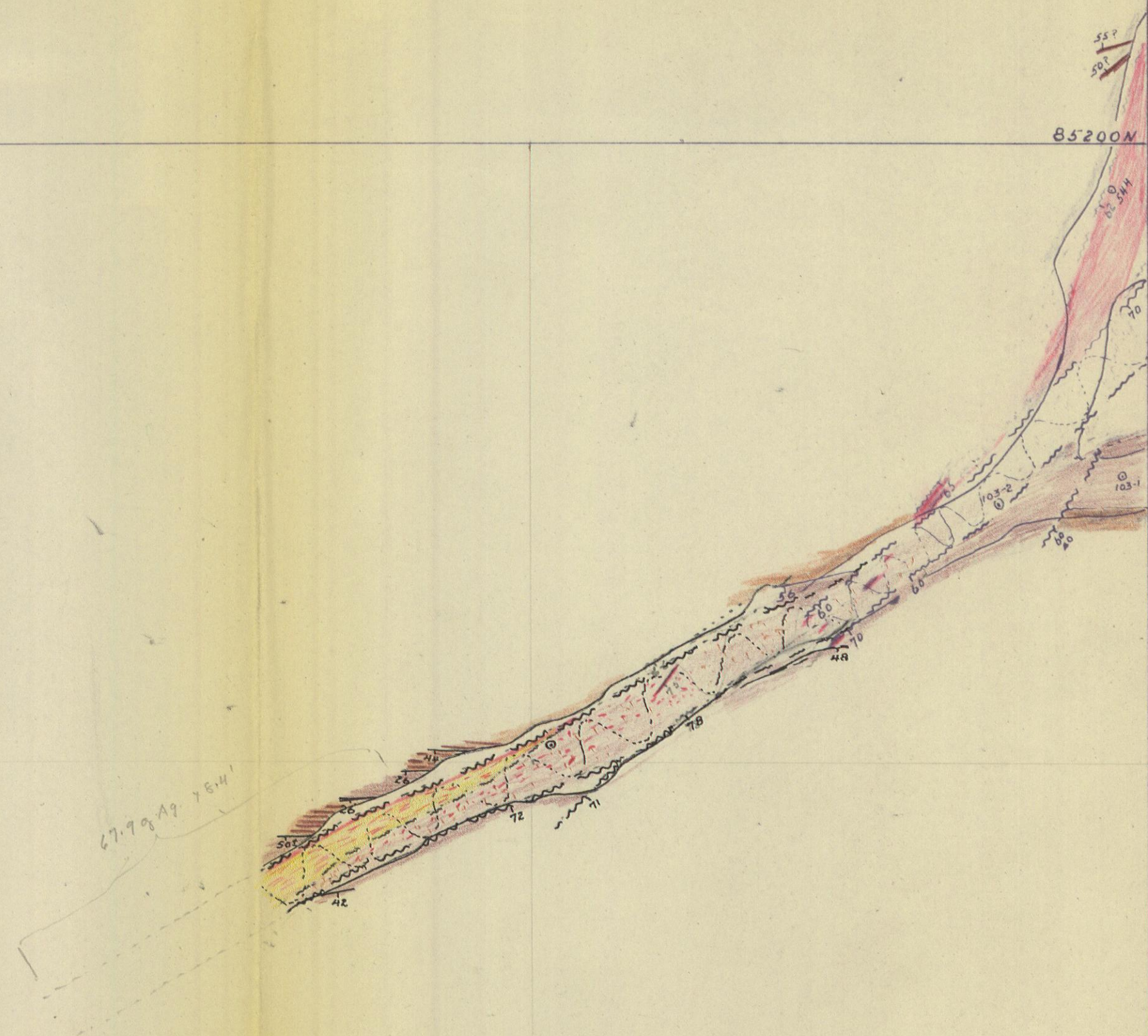
- | | | | |
|--|--|---|-------------------------------------|
|  | Greenstone |  | Powdery qtz beds crushing? |
|  | Quartzite |  | Faulting |
|  | Shale & schist |  | Jointing |
|  | Fissile green shale? |  | Jointing with carb and or sulphides |
|  | White quartzite bleaching & alteration |  | Bedding; horz |

GEOLOGIC PLAN

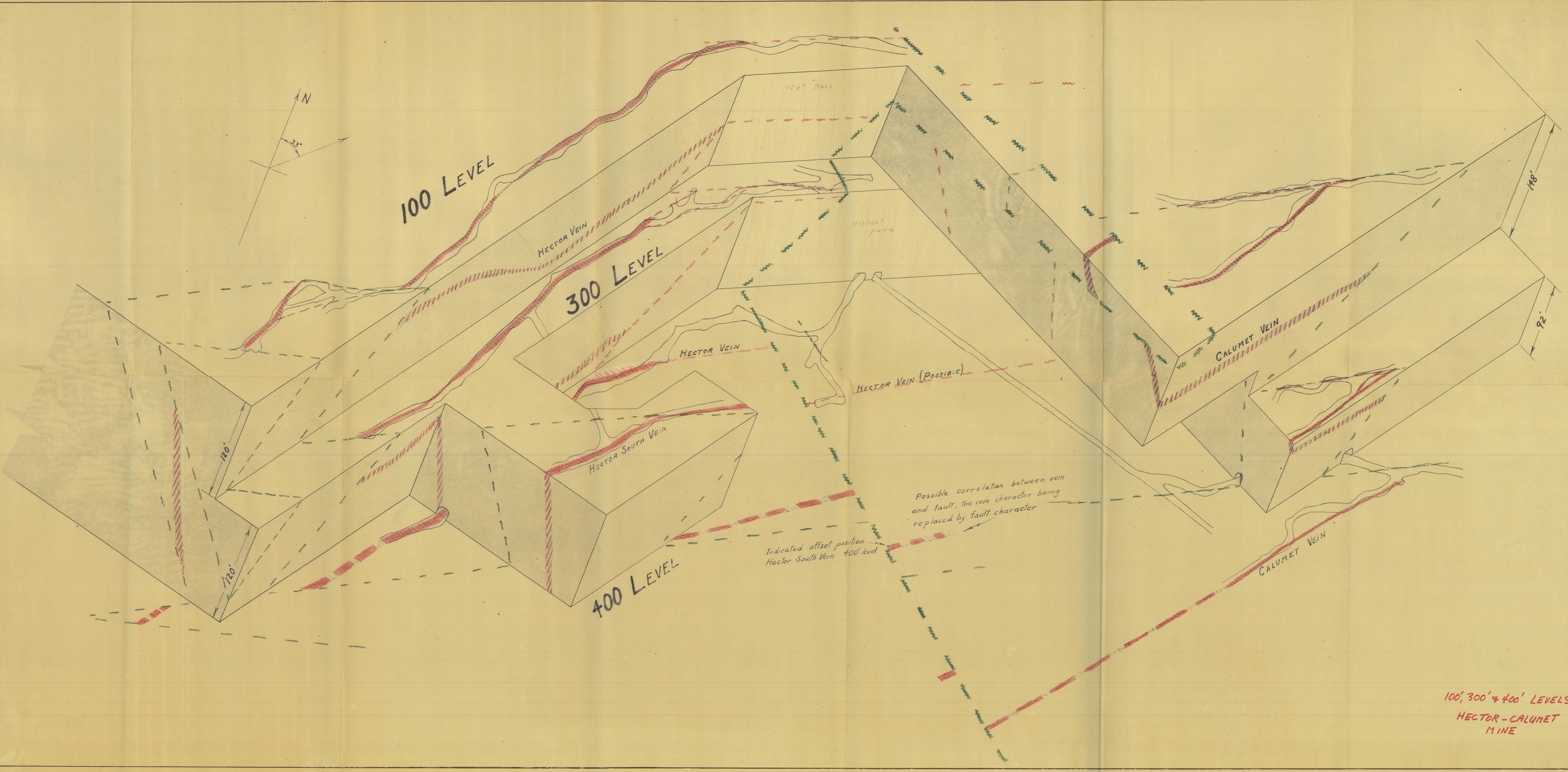
100 LEVEL

Scale 1"=20'

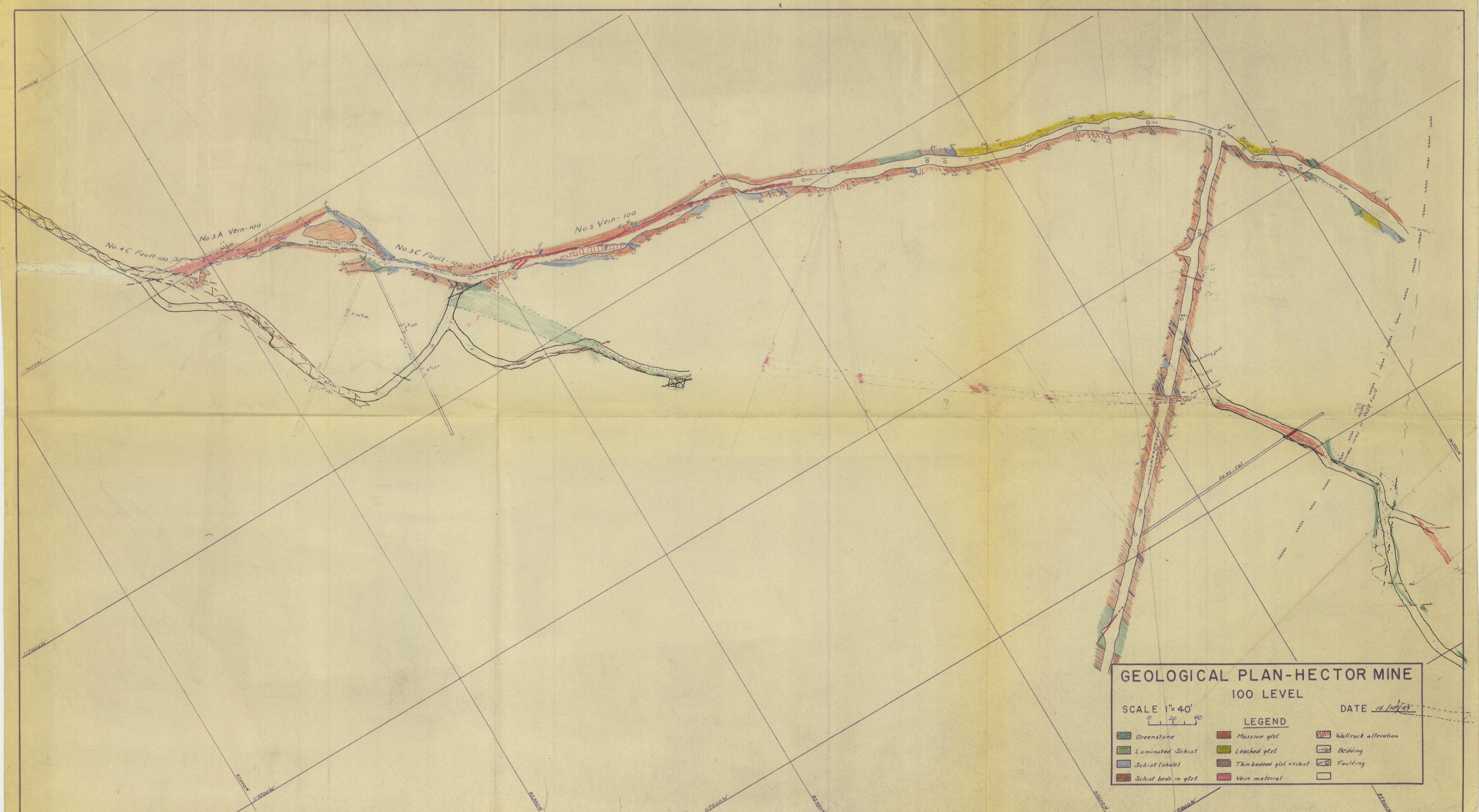
HECTOR MINE



1000 ?



100', 300' & 400' LEVELS
 HECTOR-CALUMET
 MINE



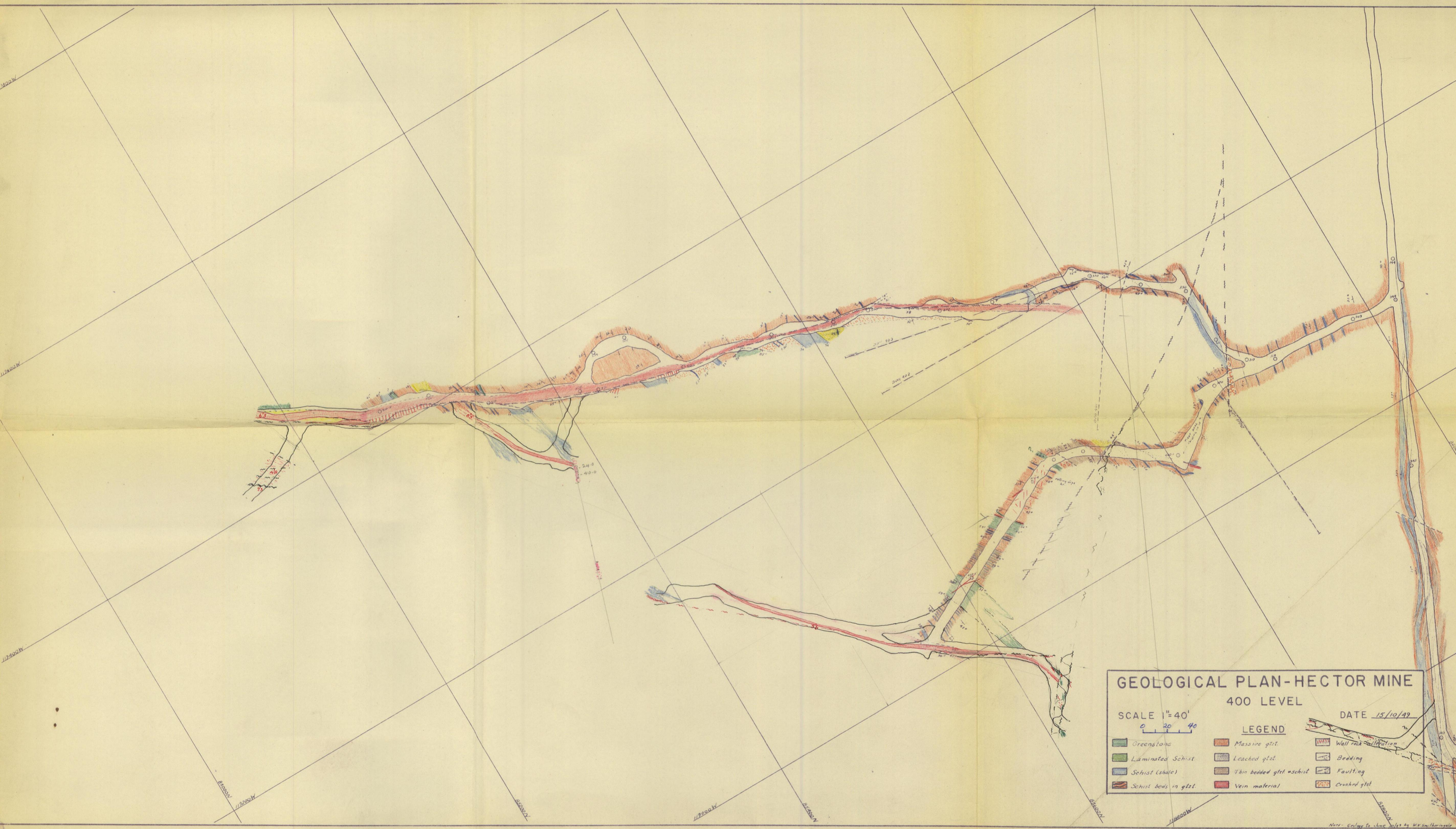
GEOLOGICAL PLAN-HECTOR MINE
100 LEVEL

SCALE 1" = 40'
 0 20 40

DATE 15/10/43

LEGEND			
	Greenstone		Wallrock alteration
	Laminated Schist		Bedding
	Schist (shale)		Faulting
	Schist beds in qtz.		Vein material
	Massive qtz.		
	Leached qtz.		
	Thin bedded qtz + schist		

Note - Geology to date 20/43 by W.F. Sullivan



GEOLOGICAL PLAN-HECTOR MINE
400 LEVEL

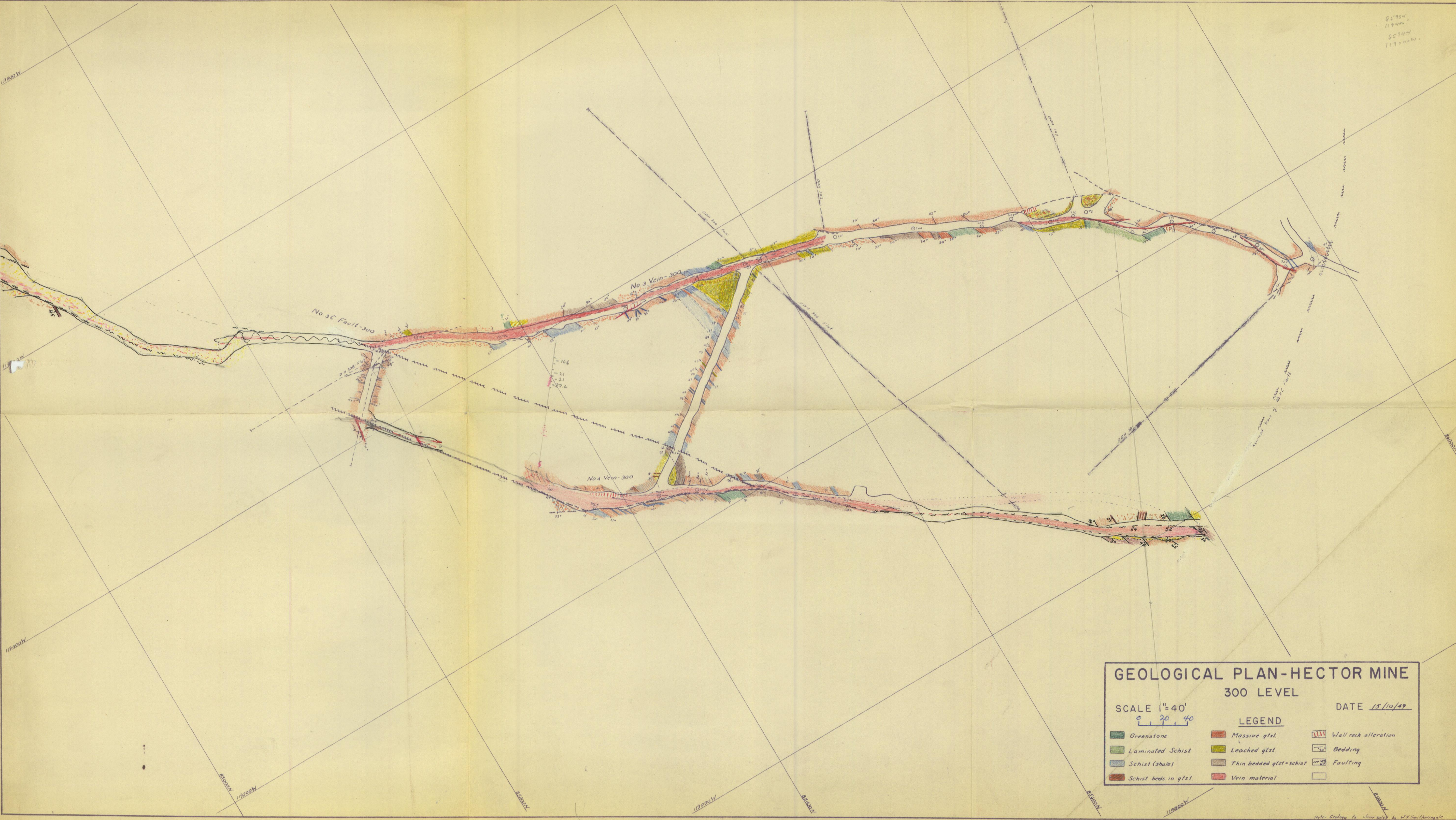
SCALE 1"=40'
0 20 40

DATE 15/10/49

LEGEND			
	Greenstone		Massive gzt.
	Laminated Schist		Leached gzt.
	Schist (shale)		Thin bedded gzt. & schist
	Schist beds in gzt.		Vein material
	Wall rock alteration		Bedding
	Faulting		Crushed gzt.

Note: Geology to same scale by W.S. Smith & Co.

03724
11940
58744
119000



GEOLOGICAL PLAN-HECTOR MINE 300 LEVEL

SCALE 1"=40'
0 20 40

DATE 13/10/49

LEGEND			
	Greenstone		Wall rock alteration
	Laminated Schist		Bedding
	Schist (shale)		Faulting
	Schist beds in gzt.		Vein material
	Massive gzt.		
	Leached gzt.		
	Thin bedded gzt-schist		

Note: Ecology to mine site by W.V. Smith/Therapolo

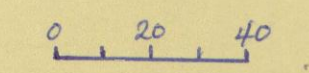


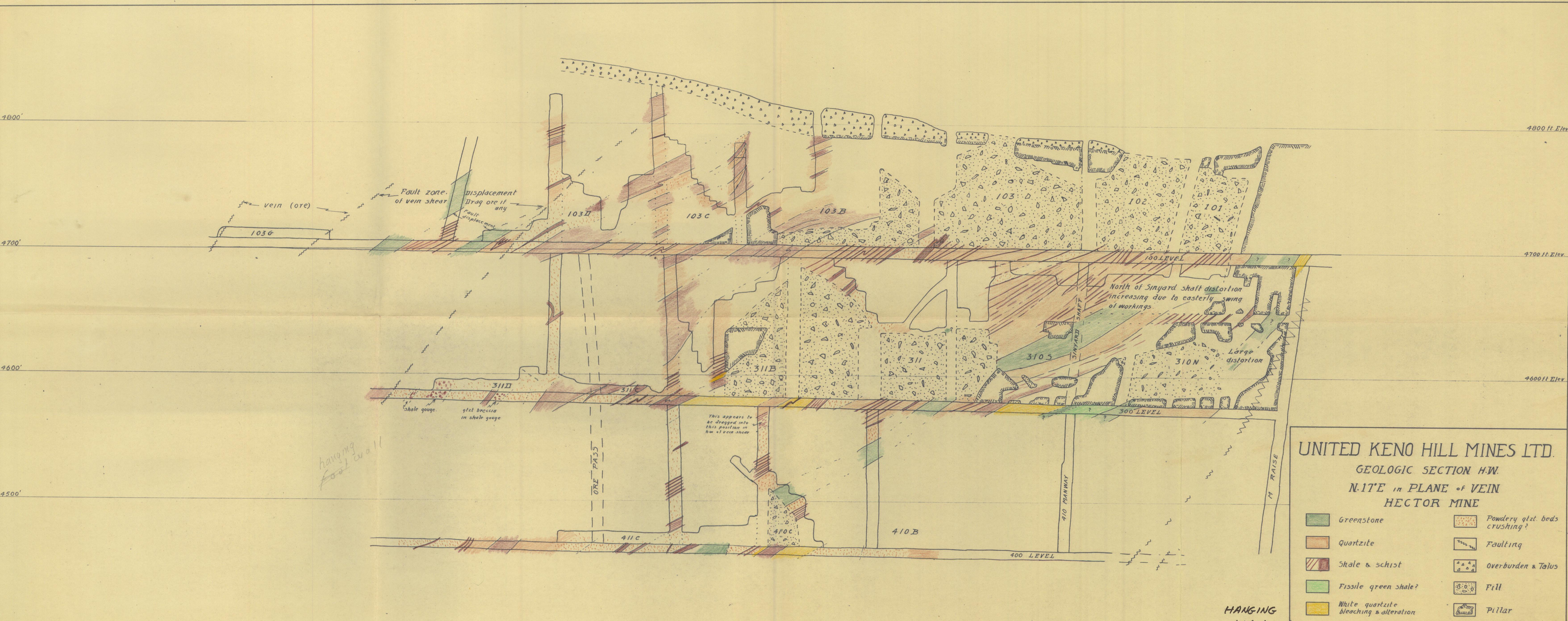
UNITED KENO HILL MINES LTD.
 GEOLOGIC SECTION F.W.
 N17°E in PLANE of VEIN
 HECTOR MINE

- | | | | |
|--|--|--|----------------------------|
| | Greenstone | | Powdery qtz beds crushing? |
| | Quartzite | | Faulting |
| | Shale & schist | | Overburden & talus |
| | Fissile green shale? | | Fill |
| | White quartzite bleaching & alteration | | Pillar |

Scale 1" = 40'

FOOT WALL





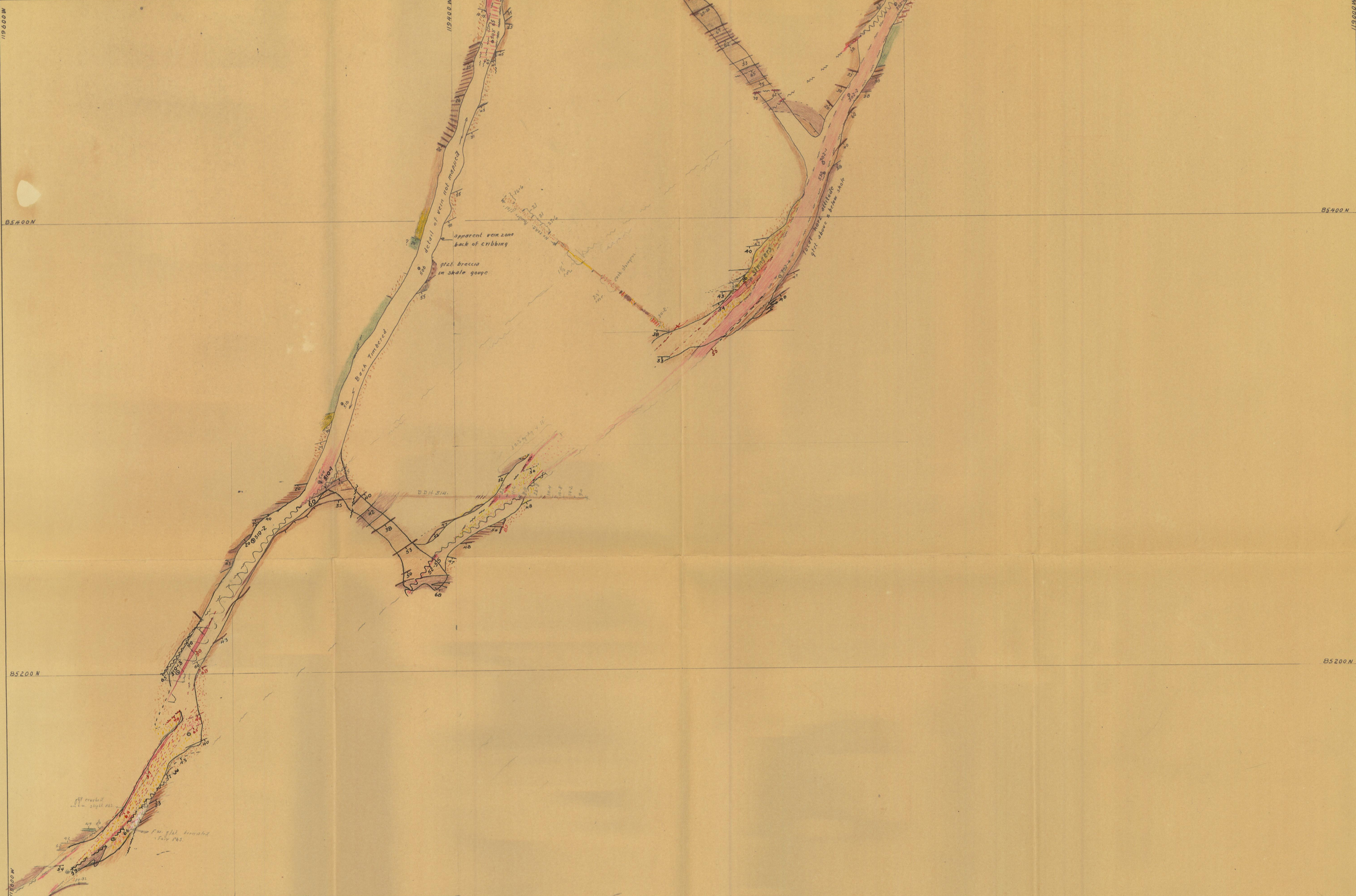
UNITED KENO HILL MINES LTD.
 GEOLOGIC SECTION H.W.
 N.17°E in PLANE of VEIN
 HECTOR MINE

	Greenstone		Powdery qtz. beds crushing?
	Quartzite		Faulting
	Shale & schist		Overburden & Talus
	Fissile green shale?		Fill
	White quartzite bleaching & alteration		Pillar




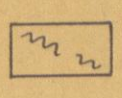

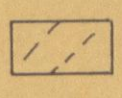



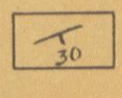
Scale 1" = 40'

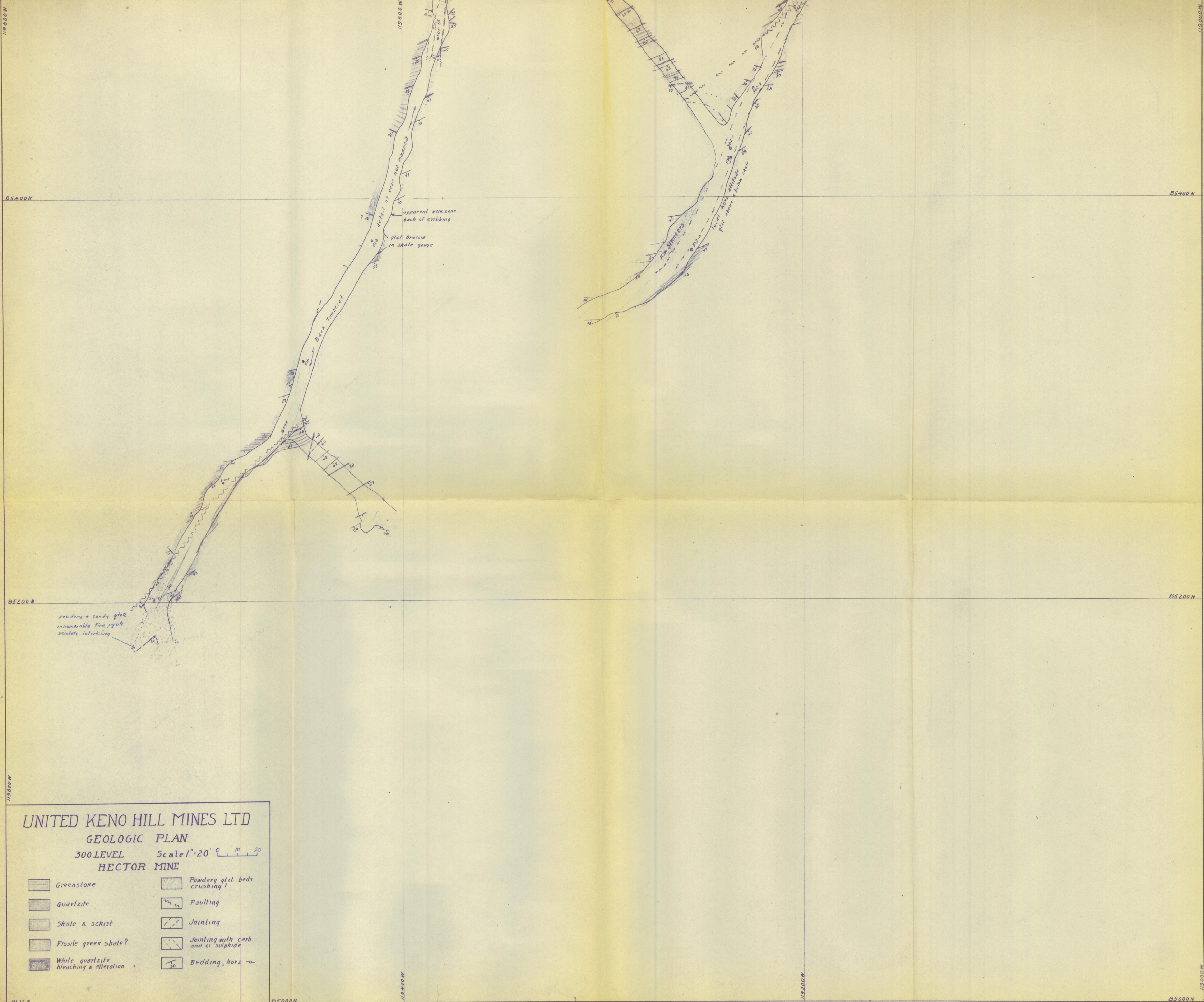
0 20 40

HANGING WALL



UNITED KENO HILL MINES LTD
 GEOLOGIC PLAN
 300 LEVEL Scale 1" = 20'
 HECTOR MINE

 Greenstone	 Powdery qtz beds crushing?
 Quartzite	 Faulting
 Shale & schist	 Jointing
 Fissile green shale?	 Jointing with carb and/or sulphide
 White quartzite bleaching & alteration	 Bedding, horz

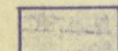

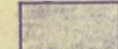
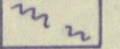

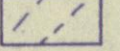
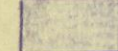
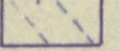
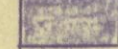
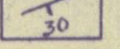


UNITED KENO HILL MINES LTD

GEOLOGIC PLAN

300 LEVEL Scale 1" = 20'

HECTOR MINE

- | | | | |
|--|--|---|------------------------------------|
|  | Greenstone |  | Powdery qtz beds crushing? |
|  | Quartzite |  | Faulting |
|  | Shale & schist |  | Jointing |
|  | Fissile green shale? |  | Jointing with carb and or sulphide |
|  | White quartzite bleaching & alteration |  | Bedding, horz |

120200 W

120000 W

119800 W

119600 W

85400 N

85400 N

85200 N

85200 N

120200 W

120000 W

119800 W

119600 W

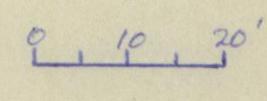
85000 N

85000 N

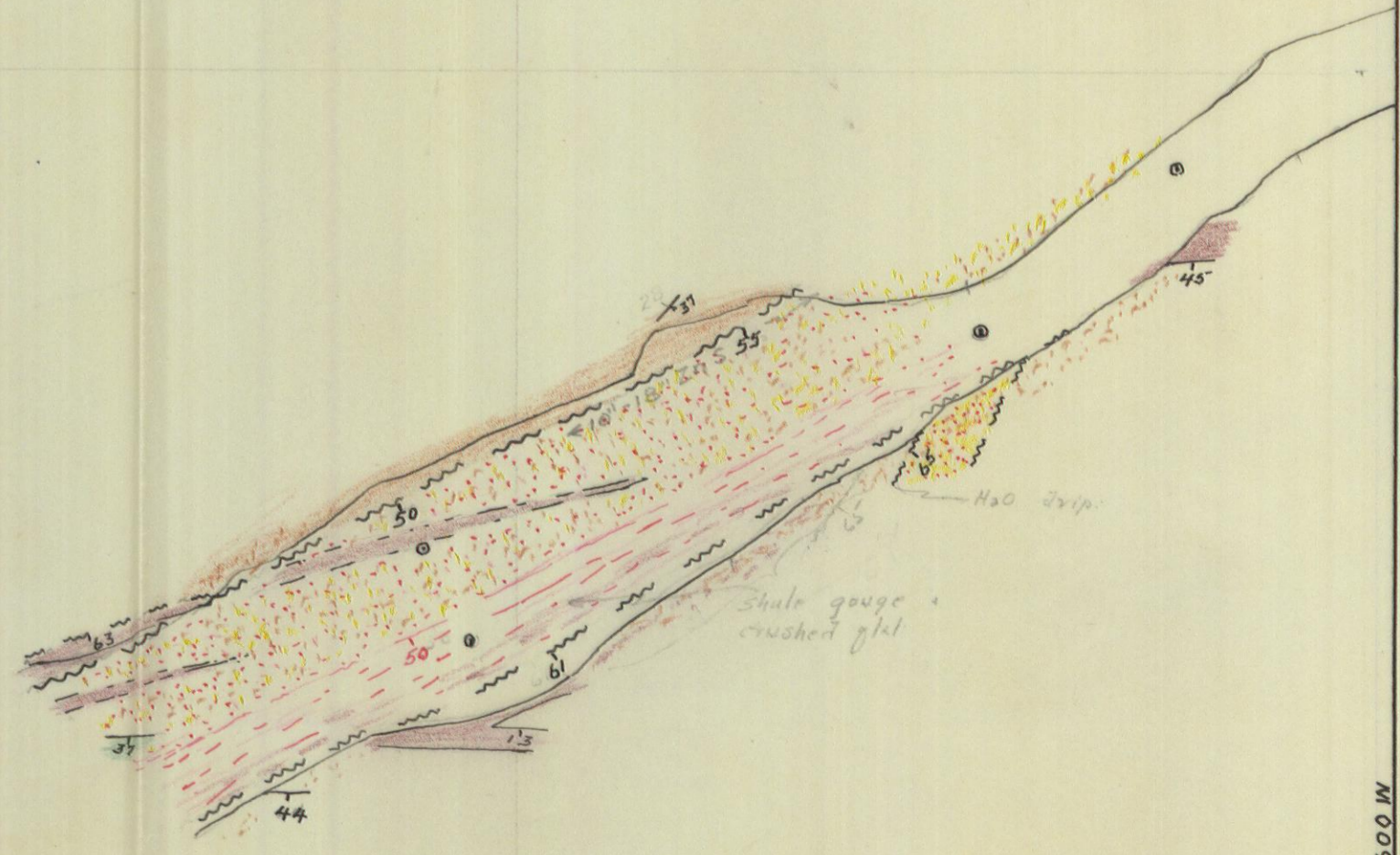
GEOLOGIC PLAN

300 LEVEL

Scale 1" = 20'


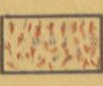

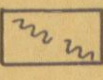
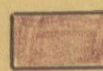
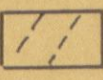

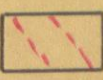

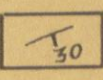


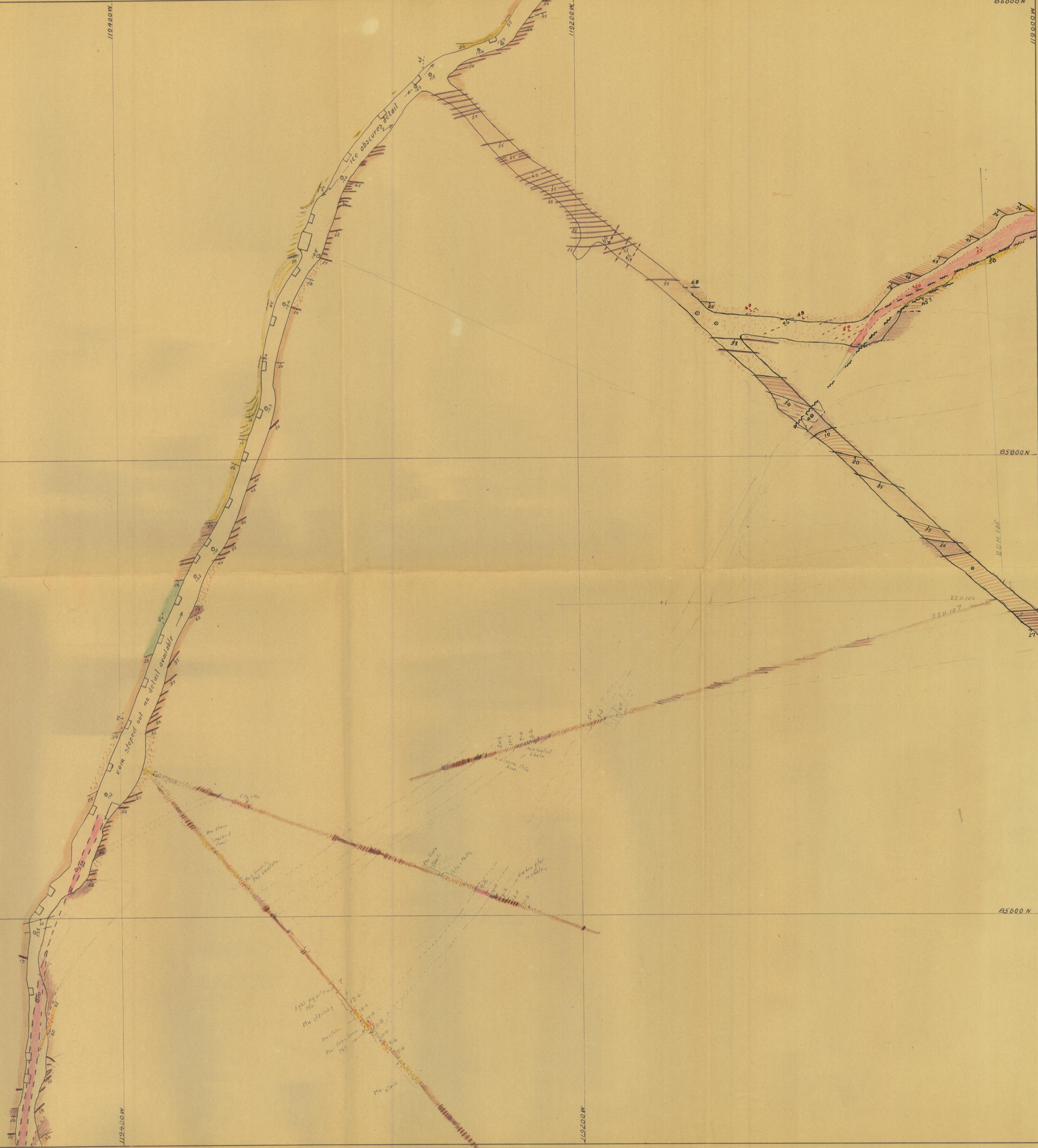
HECTOR MINE

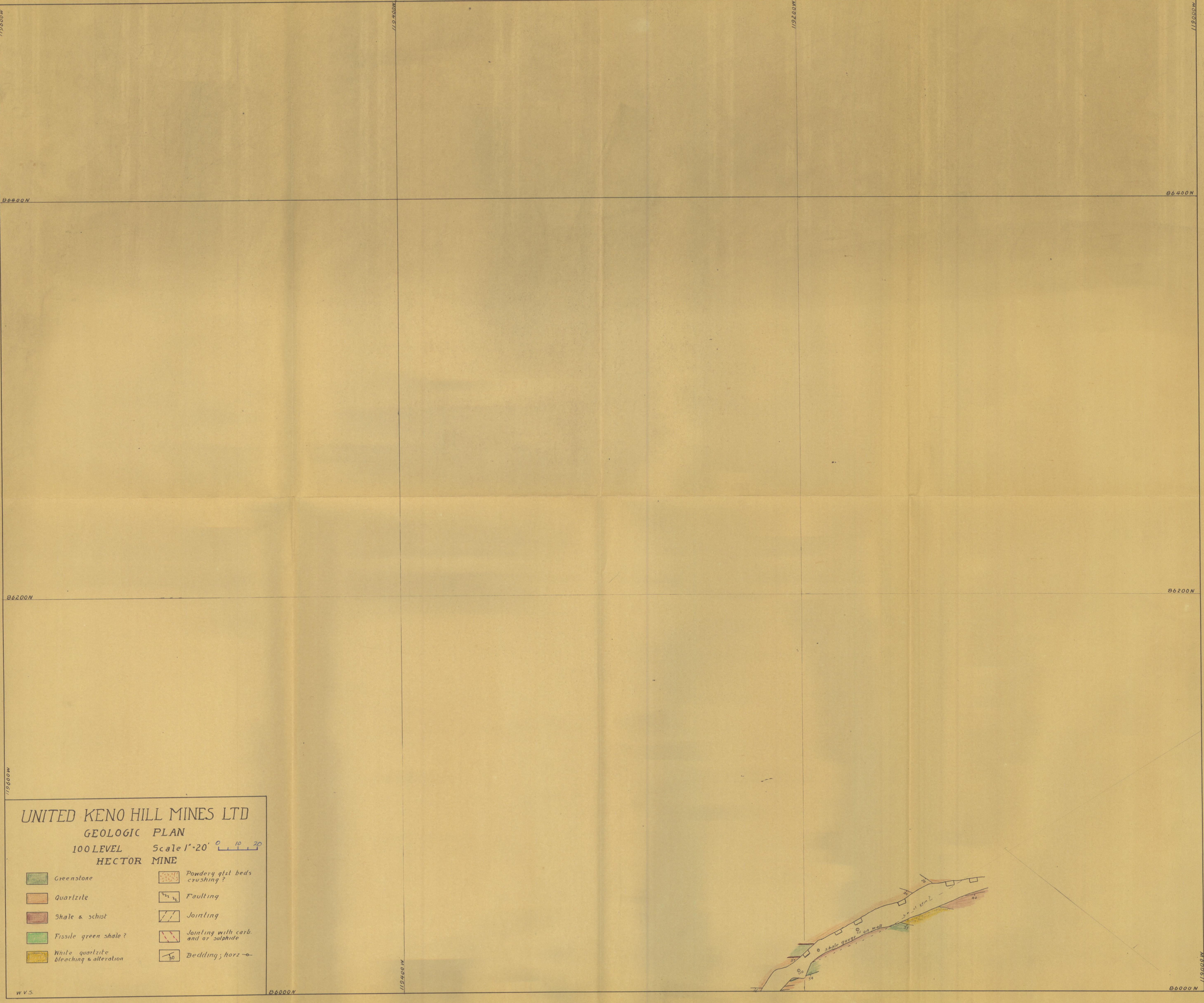


UNITED KENO HILL MINES LTD
 GEOLOGIC PLAN
 100 LEVEL
 HECTOR MINE

Scale 1" = 20'

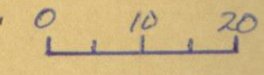
- | | | | |
|---|---|---|---------------------------------------|
|  | Greenstone |  | Powdery gzt beds
crushing? |
|  | Quartzite |  | Faulting |
|  | Shale & schist |  | Jointing |
|  | Fissile green shale? |  | Jointing with carb
and or sulphide |
|  | White quartzite
bleaching & alteration |  | Bedding; horz |




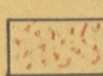
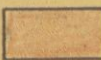
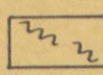

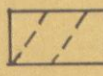

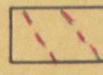

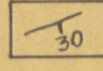


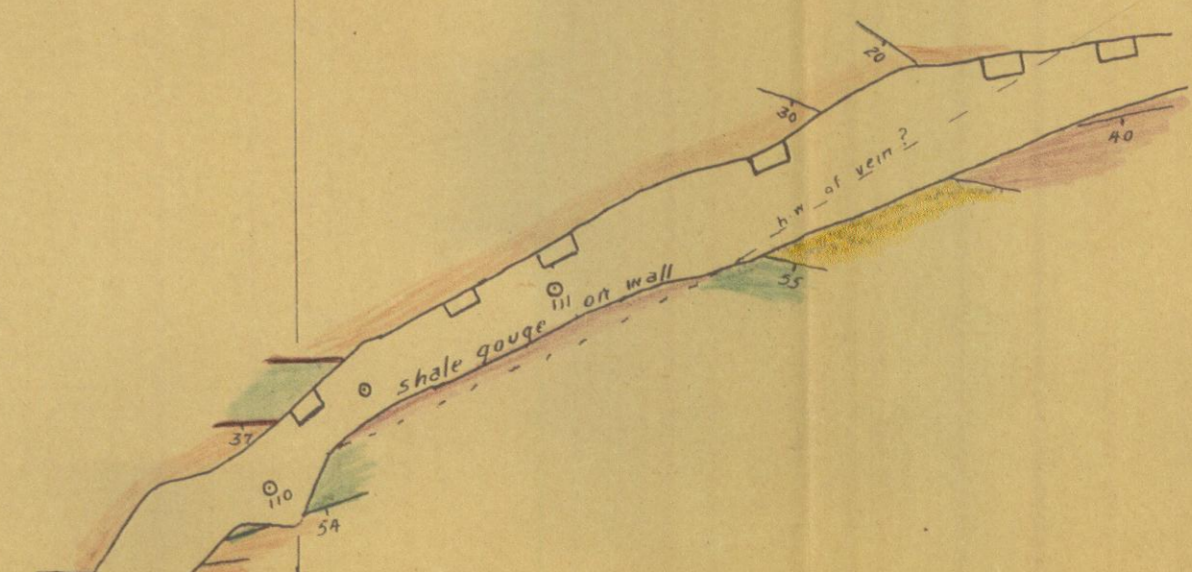
UNITED KENO HILL MINES LTD

GEOLOGIC PLAN

100 LEVEL Scale 1"=20' 

HECTOR MINE

- | | | | |
|--|---|---|--|
|  | Greenstone |  | Powdery qtzl beds
crushing? |
|  | Quartzite |  | Faulting |
|  | Shale & schist |  | Jointing |
|  | Fissile green shale? |  | Jointing with carb.
and or sulphide |
|  | White quartzite
bleaching & alteration |  | Bedding; horz |

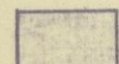
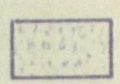
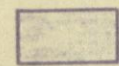
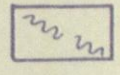
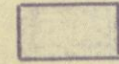
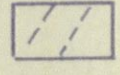
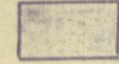
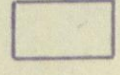

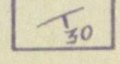


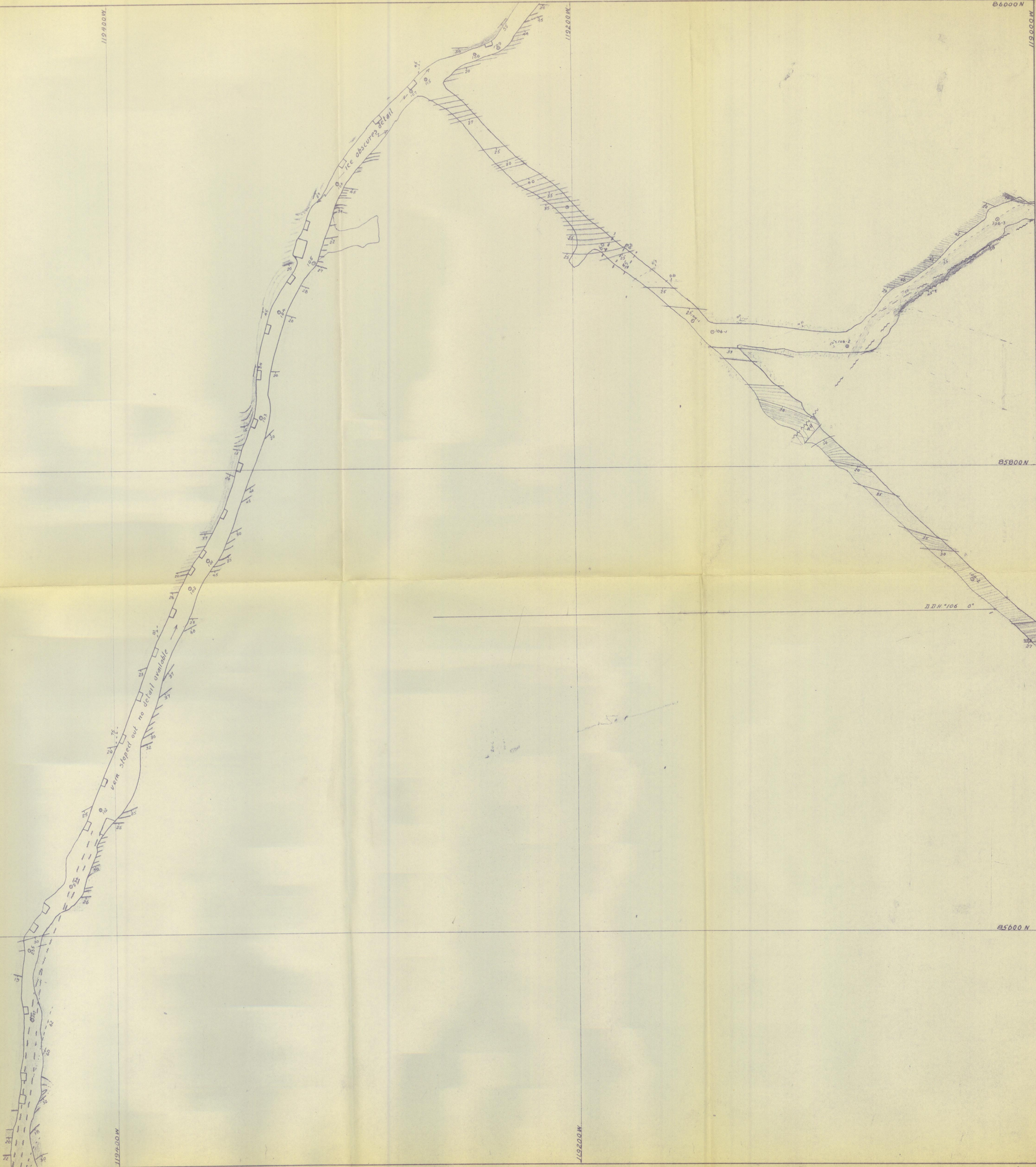
UNITED KENO HILL MINES LTD

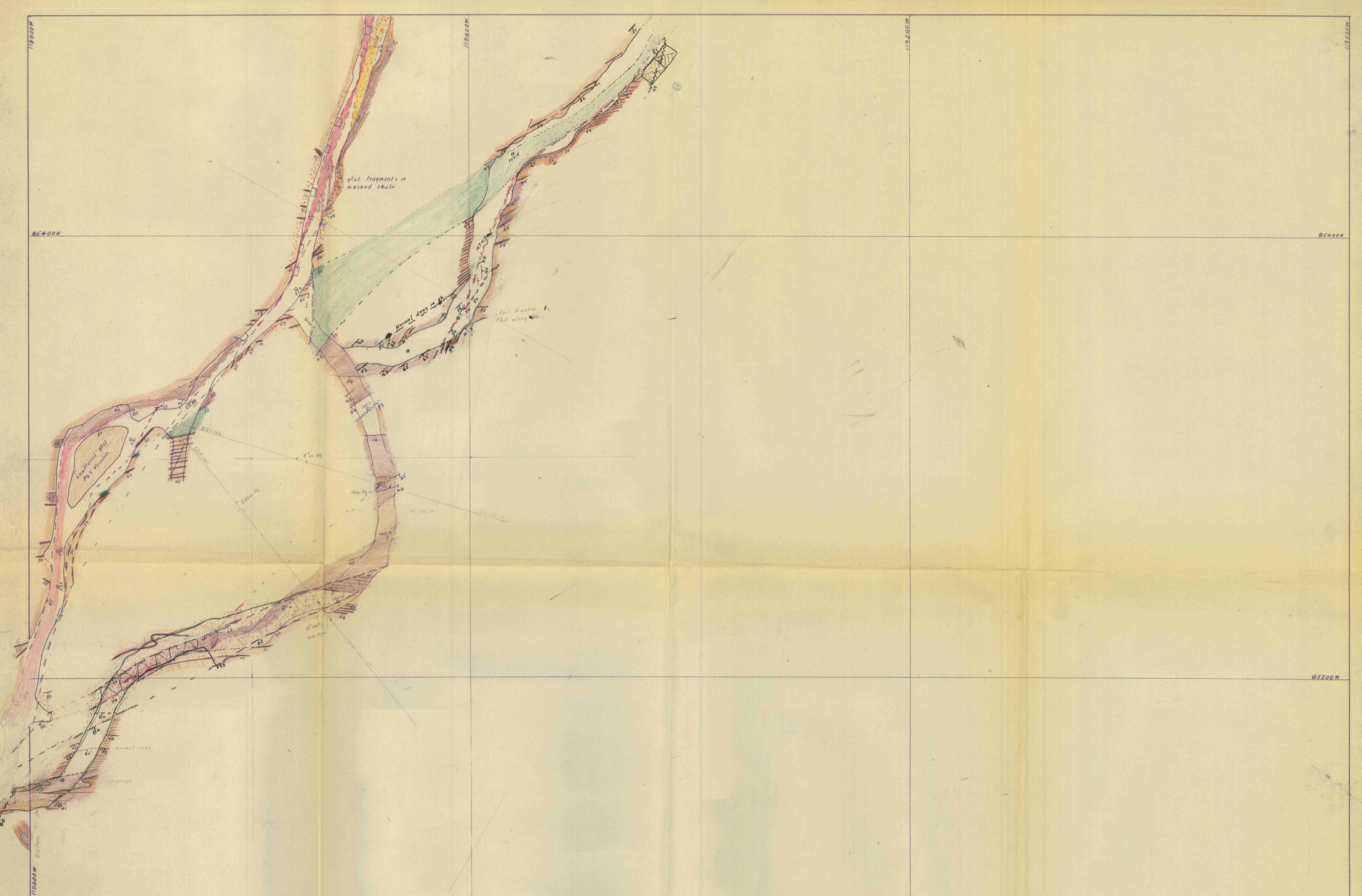
GEOLOGIC PLAN

100 LEVEL Scale 1" = 20'

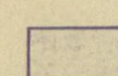
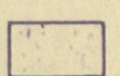
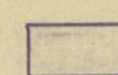
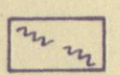
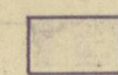
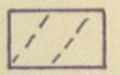

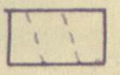

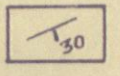
HECTOR MINE

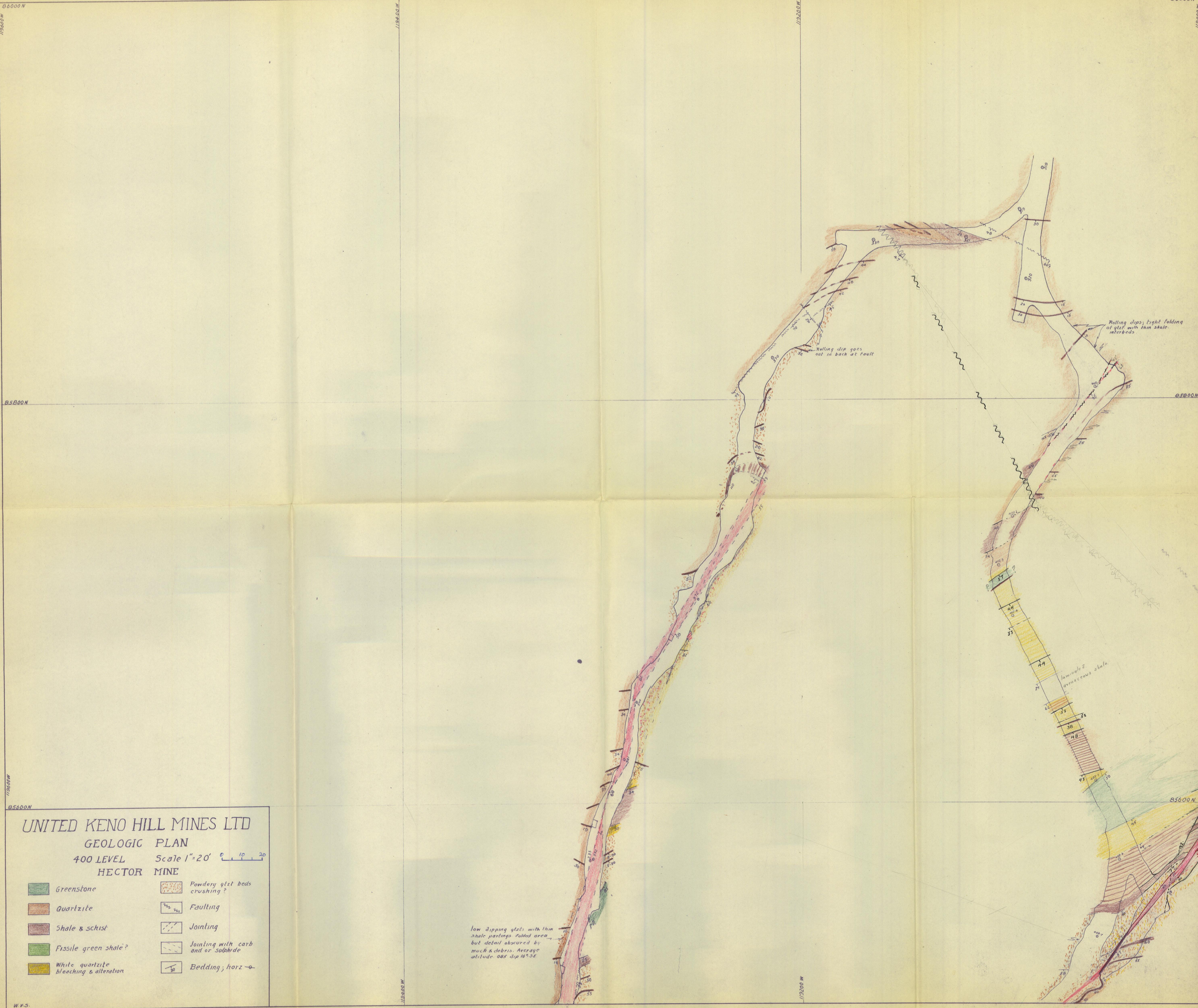
- | | | | |
|--|--|---|------------------------------------|
|  | Greenstone |  | Powdery gzt beds crushing? |
|  | Quartzite |  | Faulting |
|  | Shale & schist |  | Jointing |
|  | Fissile green shale? |  | Jointing with carb and or sulphide |
|  | White quartzite bleaching & alteration |  | Bedding; horz → |





UNITED KENO HILL MINES LTD
 GEOLOGIC PLAN
 100 LEVEL Scale 1"=20'
 HECTOR MINE




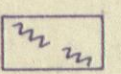

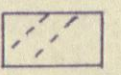

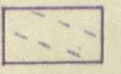

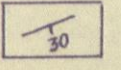
- | | |
|---|--|
|  Greenstone |  Powdery qtz beds crushing? |
|  Quartzite |  Faulting |
|  Shale & schist |  Jointing |
|  Fissile green shale? |  Jointing with carb and/or sulphide |
|  White quartzite bleaching & alteration |  Bedding, horz |



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GEOLOGIC PLAN

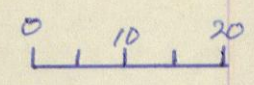
400 LEVEL Scale 1"=20' 0 10 20
HECTOR MINE

- | | |
|---|--|
|  Greenstone |  Powdery qtzl beds crushing? |
|  Quartzite |  Faulting |
|  Shale & schist |  Jointing |
|  Fissile green shale? |  Jointing with carb and/or sulphide |
|  White quartzite bleaching & alteration |  Bedding; horz -> |

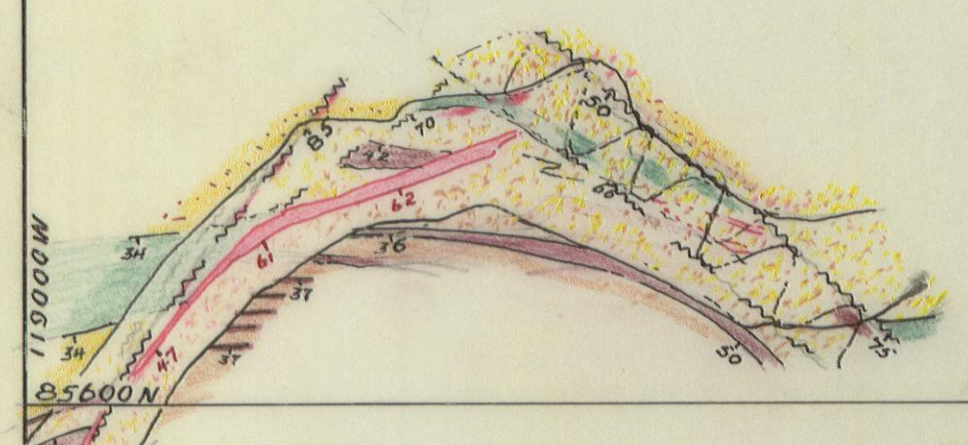


400 LEVEL

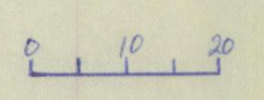
1" = 20'

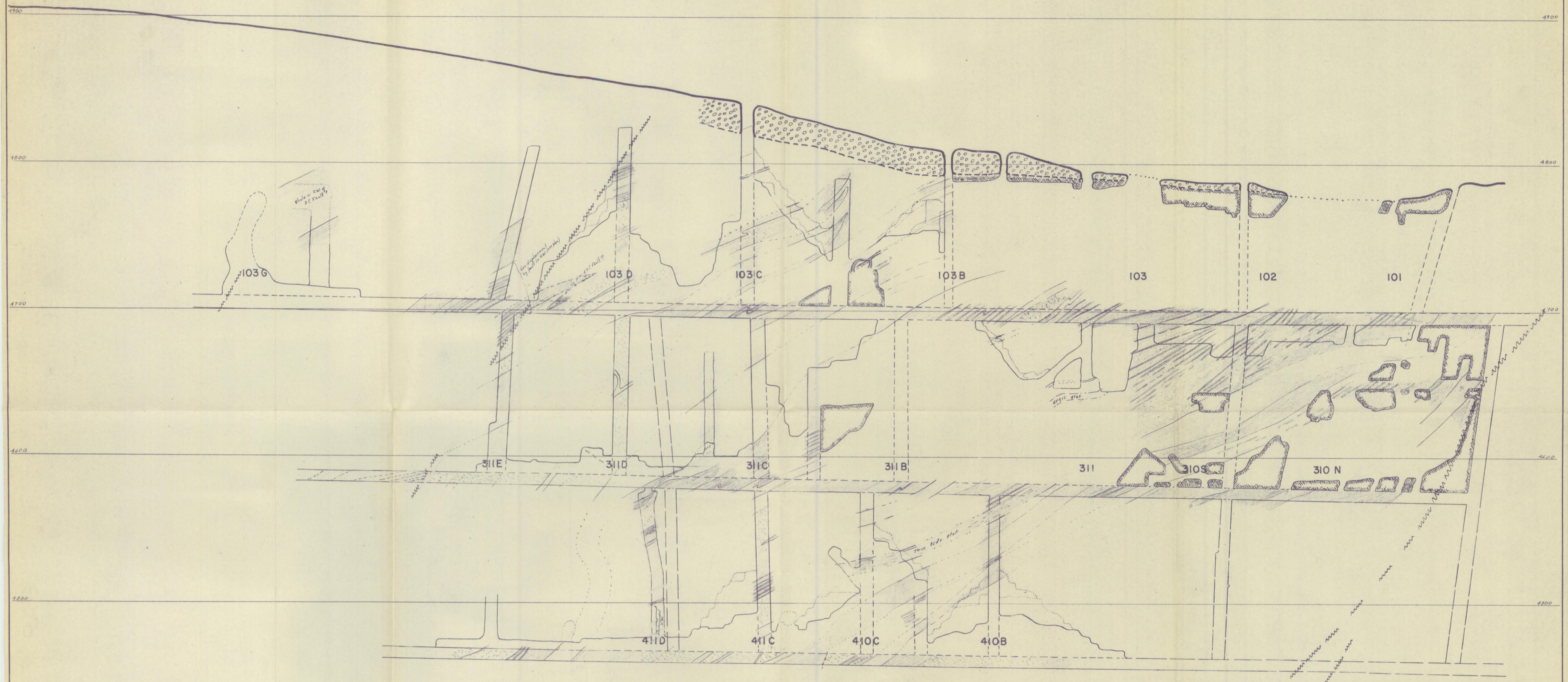


HECTOR MINE



UNITED KENO HILL MINES LTD.
GEOLOGIC PLAN
400 LEVEL SCALE 1" = 20'
HECTOR MINE

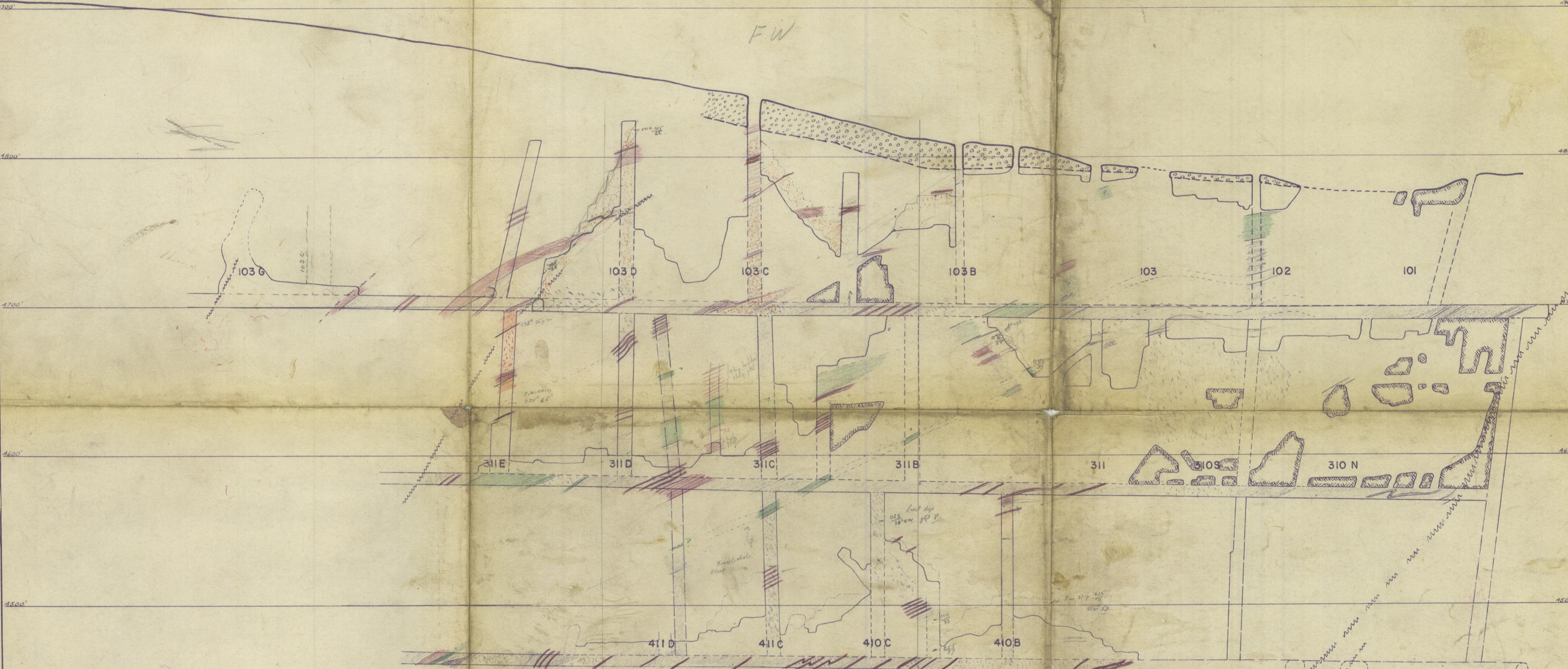




LONGITUDINAL SECTION - HECTOR MINE
HANGING WALL GEOLOGY
 SCALE 1" = 40'
 DATE 30/12/49

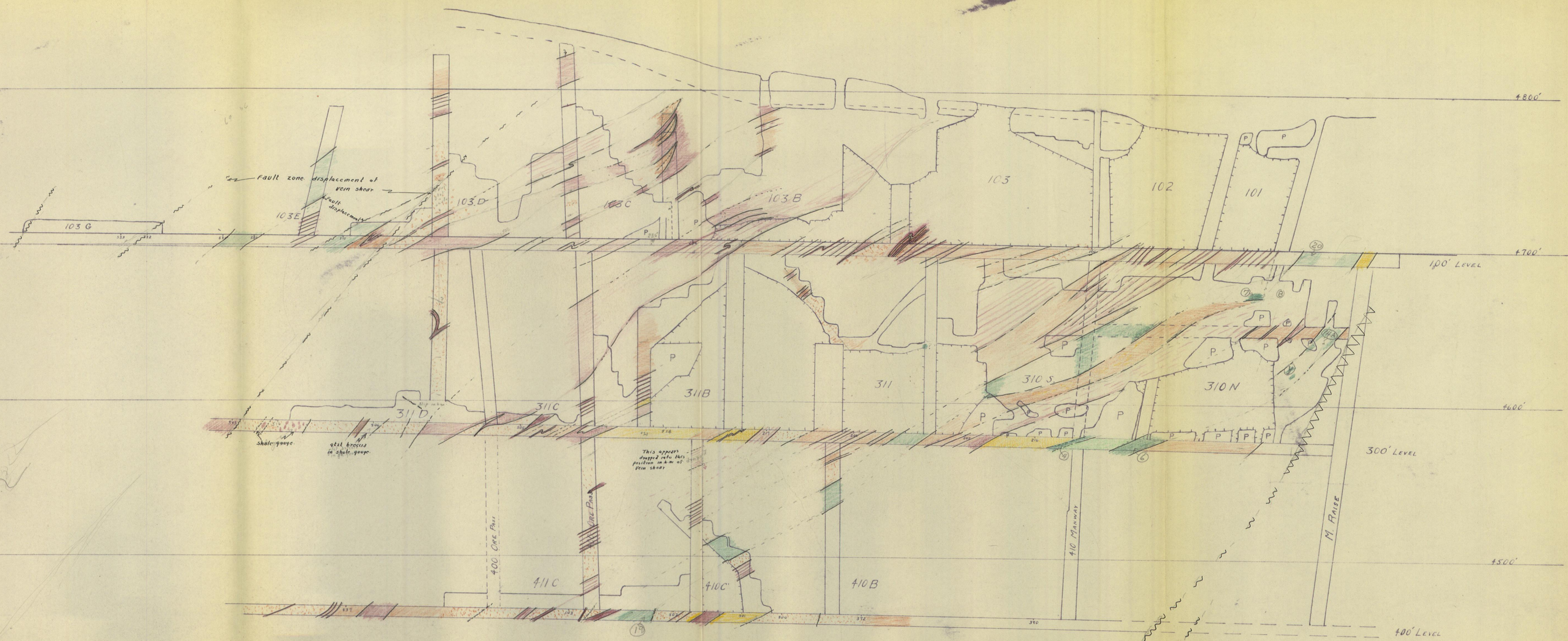
LEGEND			
	Greenstone		Faulting
	Laminated Schist		Overburden Talus
	Schist (shale)		Pillar
	Schist beds in gft.		Fill
	Massive gft.		
	Leached gft.		
	Thin bedded gft. schist		
	Crushed gft.		

FW



LONGITUDINAL SECTION-HECTOR MINE
FOOTWALL GEOLOGY
 SCALE 1" = 40'
 DATE 30/12/49

LEGEND					
	Greenstone		Massive qtz		Faulting
	Laminated Schist		Leached qtz		Overburden-Talus
	Schist (shale)		Thin bedded qtz schist		Pillar
	Schist beds in qtz		Crushed qtz		Fill



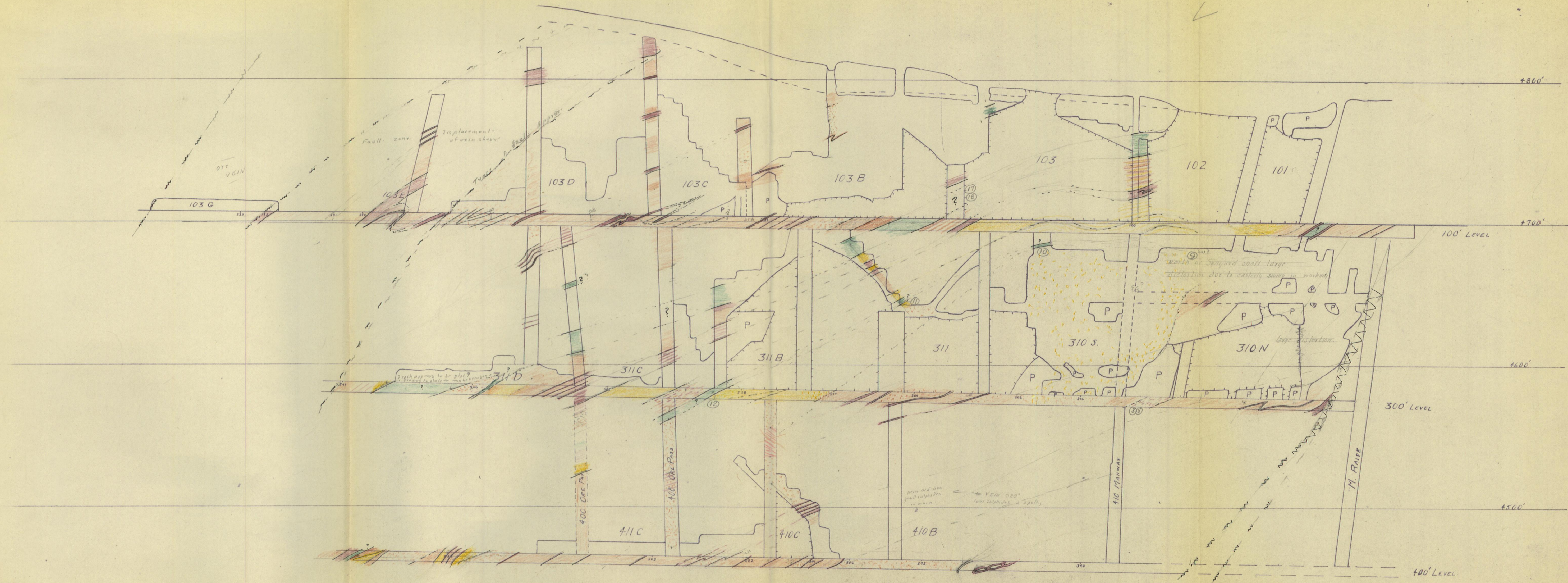
Yamamoto, Lulu

HECTOR MINE 'C' VEIN
 SECTION ON S35° WEST IN THE PLANE OF THE VEIN
 SCALE 1" = 40' DATE _____
 0 20 40

P PILLAR
 F FILL

(H.W.) hanging wall

HANGING WALL

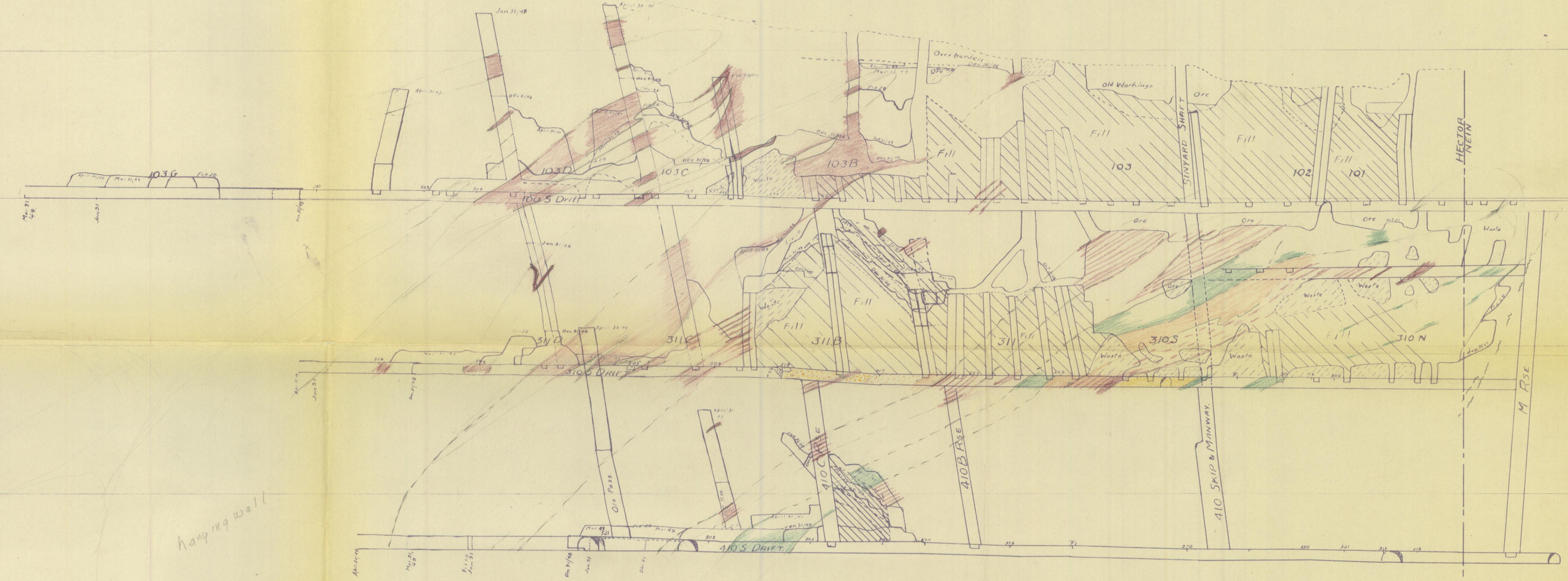


HECTOR MINE 'C' VEIN
 SECTION ON S35° WEST IN THE PLANE OF THE VEIN
 SCALE 1" = 40' DATE _____
 Footwall.

(P) PILLAR
 (F) FILL

0 20 40
 FOOTWALL

4800
4700
4600
4500
4400



HECTOR MINE 'C' Vein
VERTICAL SECTION ON S35°W
SCALE 1"=40' 0 20 40

HANGING WALL

