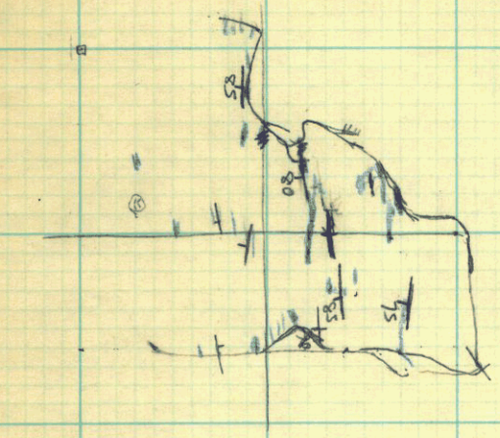
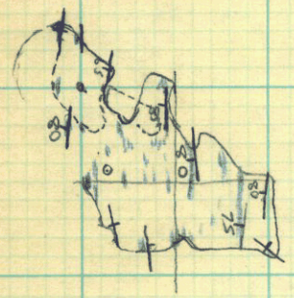
010470





inches
0 1
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centimetres
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BRITISH COLUMBIA GEOLOGICAL SURVEY

N sheet

Notes:

LO-1: angular pebbly tuff/clastic (mass.) w. 6" a lens bed of more pebbly texture. Pebbles in bulk trend ⊥ bdg, not in bedding but along NNE cleavage. But nearby (ofp) the orient^n may be primary – cross-bedding with younger to N ??

LO-2: cl (jts) later than fol^n (2 sets, the N7W one the stronger).

LO-3: lam^d "fishes" 3" long (!) with irreg. (bent) bedding of pebbly tuff host (like "Merr.7", Sept 7, (8).)

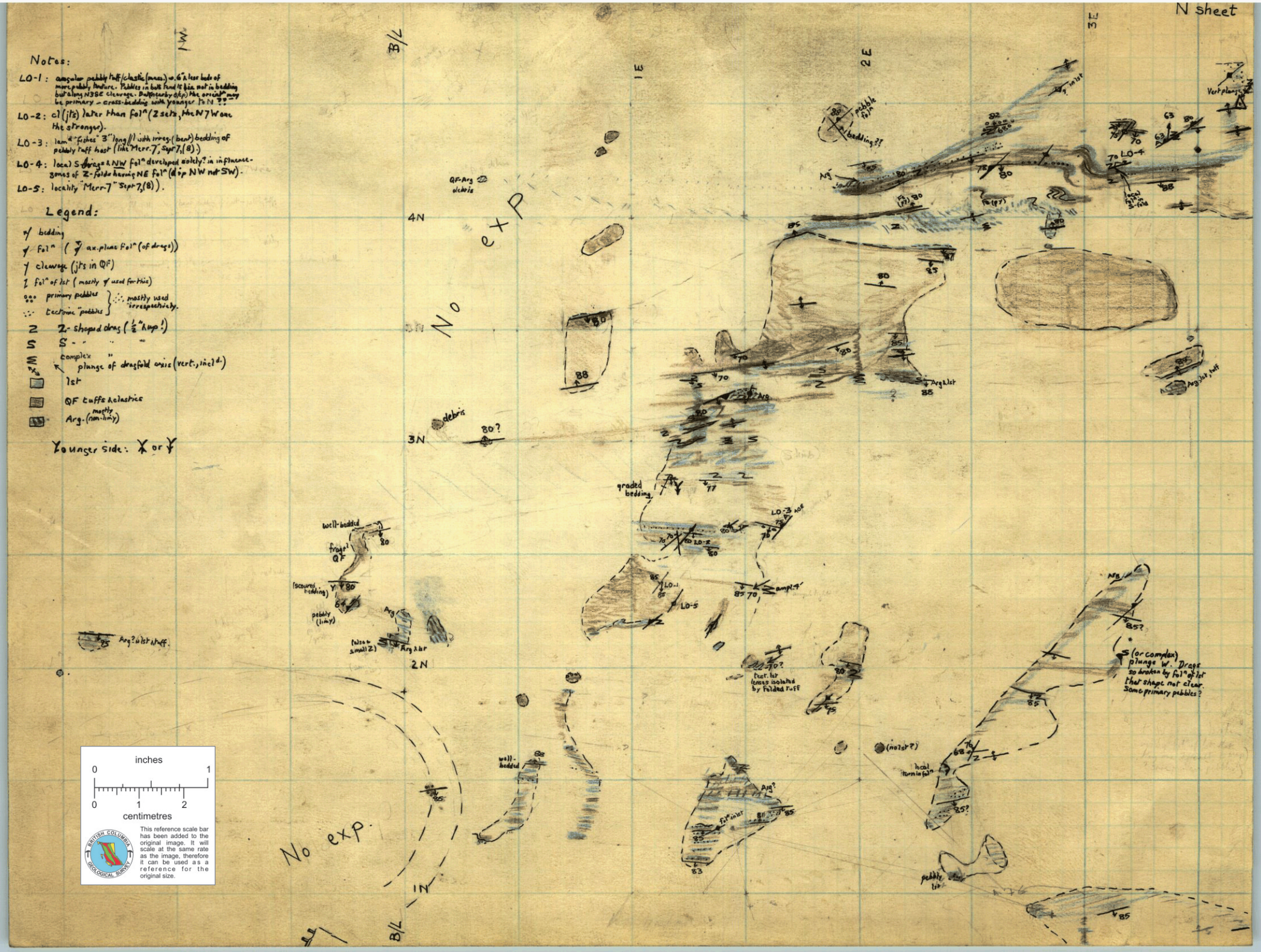
LO-4: local S drag & NW fol^n developed solely? in influence-zones of Z-folds having NE fol^n (dip NW not SW).

LO-5: locality "Merr-7" Sept 7, (8)).

Legend:

- bedding
- fol^n (ax.plane fol^n (of drags))
- cleavage (jts in QF)
- fol^n of 1st (mostly used for this)
- primary pebbles } mostly used irrespectively.
- tectonic "pebbles"
- Z-shaped drag (½" long!)
- S - " " "
- complex " plunge of dragfold axis (vert., incl^d.)
- 1st
- QF tuffs & clastics
- Arg. (mostly non-limy)

Younger side: ⊻ or ⊼



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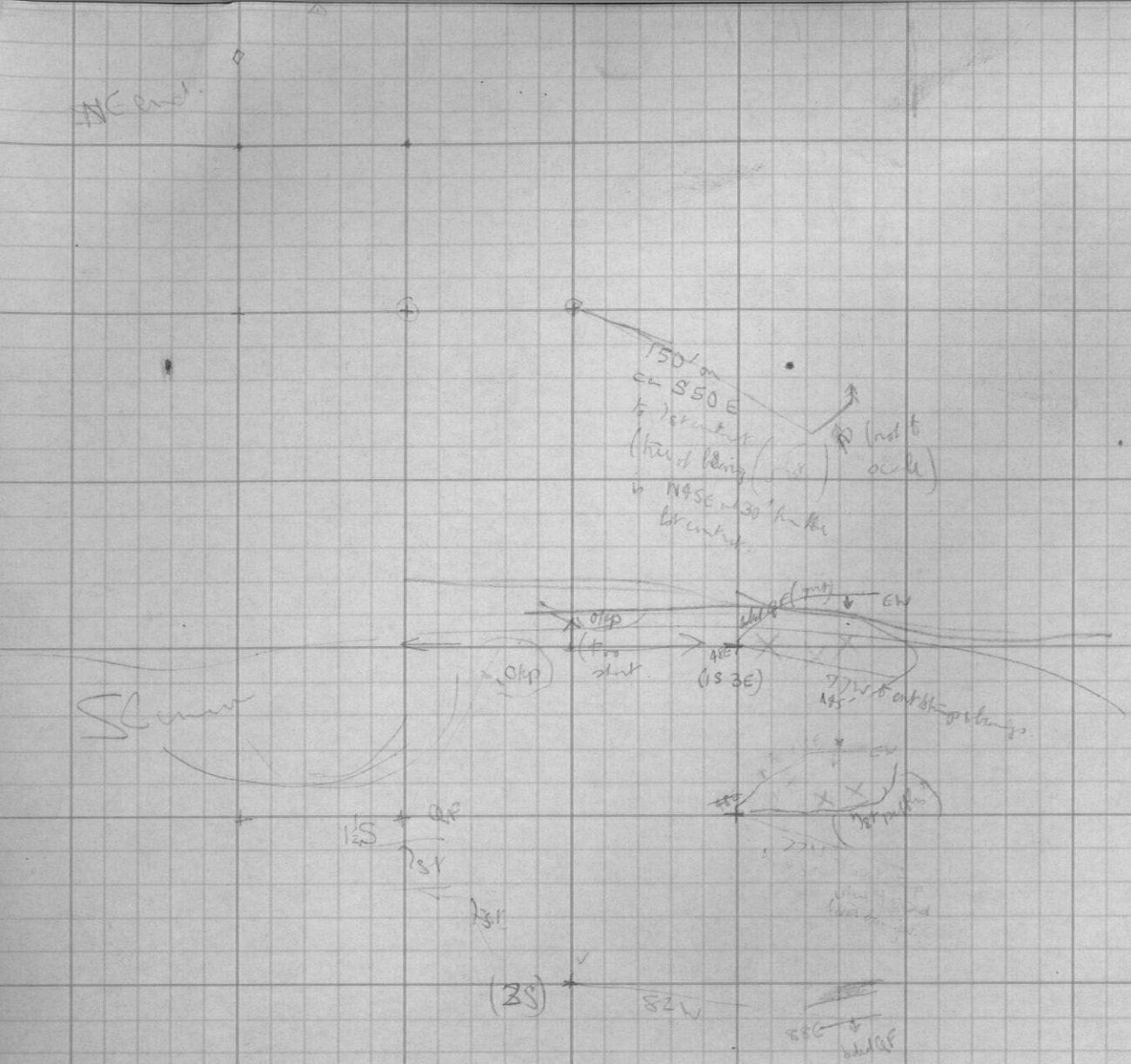
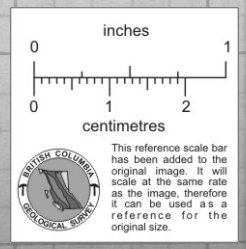
Checking, L-O Pt
50-scale
22 Sept 60
(The entire traverse still has to be followed by shorted ca. 60')





SW sheet
5W
4W
3W
2W
2N
1N
0
1S
2S
N
hillslope
(few o/cps?)
QF only?
lsts in QF
few o/cps only
87
85
massive frag tl
Ruff & mini lsts
QF only?
No proper control
inches
0
1
0
1
2
centimetres
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BRITISH COLUMBIA
GEOLOGICAL SURVEY
65
?fishes
No proper control
65
75
frags not f.o.l.d.
well-bedded clastic
X?
(graded beds in opp. dir.?)
minor settling basins
(not tectonic?)
(Fishes)
70
Prior
83
85
(no large ish frags (?4")
L.O sta.
QF-Ag
grittyish pachtery layers
bearing
(?) rest-band
concave W
Fe
small N-dros?
5W
4W
3W
2W

calcitized gritty tuff (penetrated by migrating calcite?)

cherty (silic'd) zone

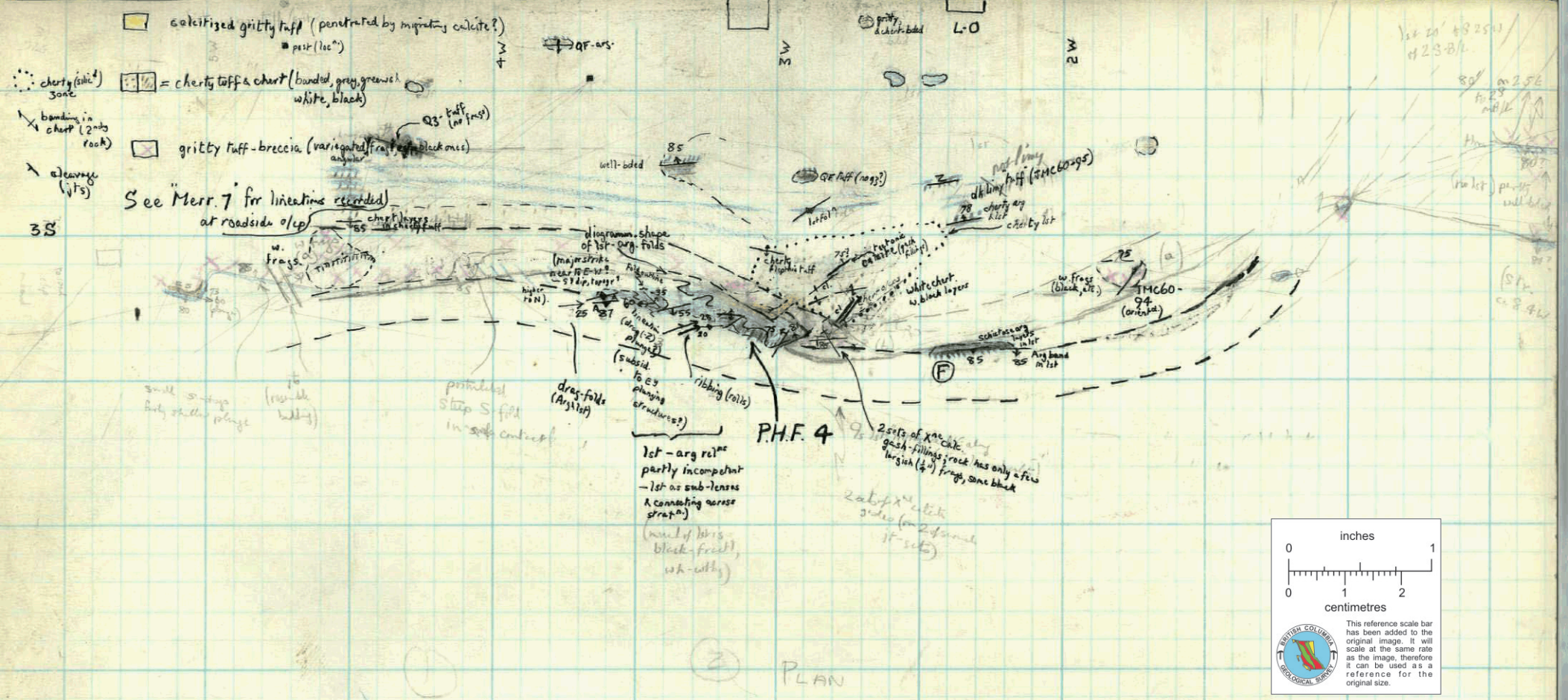
= cherty tuff & chart (banded, grey, greenish white, black)

banding in chert (2ndy rock)

gritty tuff-breccia (variegated fragts, black ones)

cleavage (jts)

See "Merr. 7" for lineations recorded at roadside o/cp



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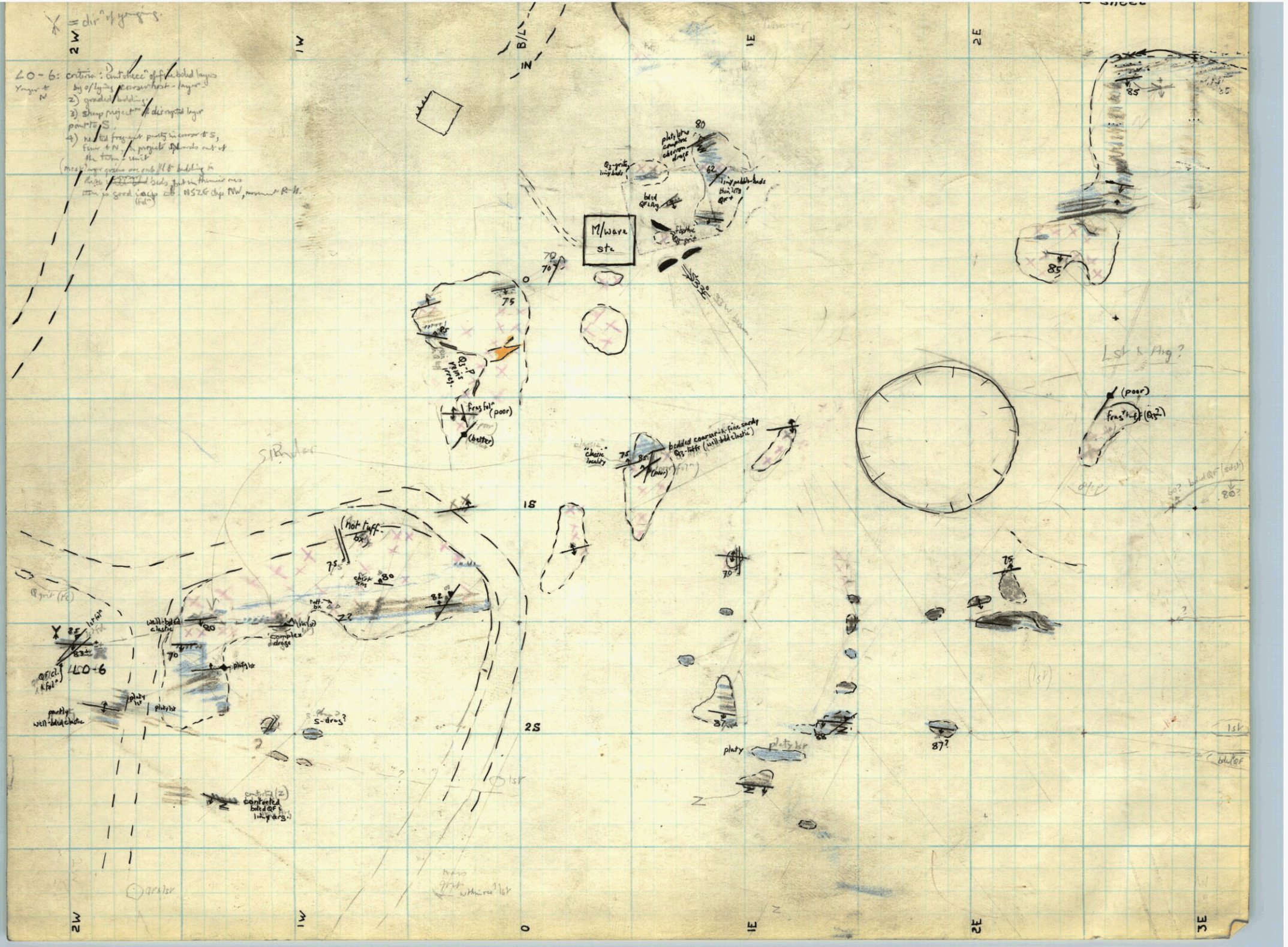
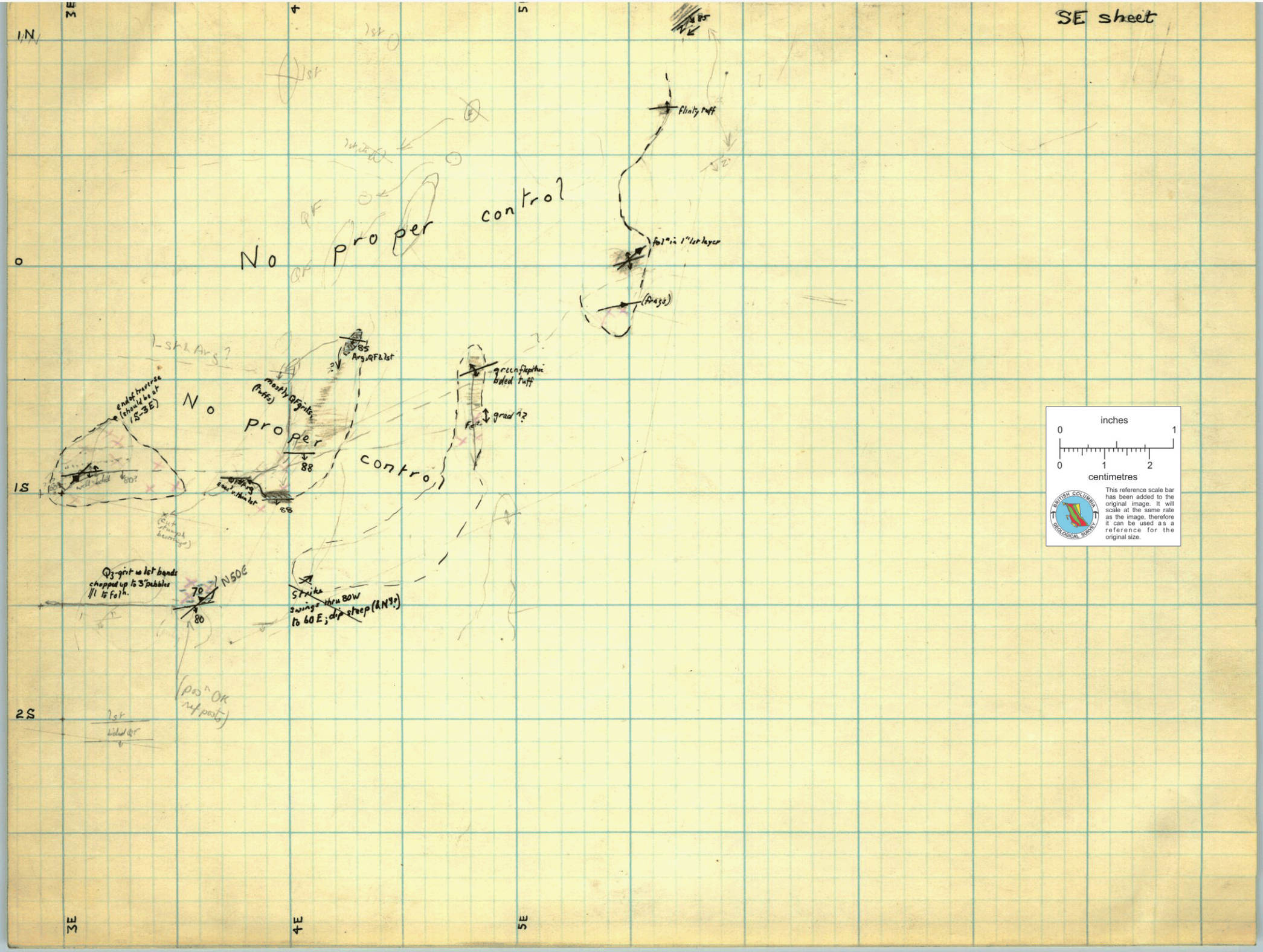

X = dir^n of yng's.
LO-6: criteria: "cut-sheet" of f. bedd layers
by of lying
2) graded bedding
3) sharp projection of disrupted layer
4) nested frag's mostly in corner to S, fewer to N, projects S towards out of the torn-unit
M/wave sta
B/L
platy lava
Qz-gritty tuff beds
bed of Arg
tiny pebble beds
Qz-gritty
Qz-p veins (rec.)
fras fol^n (poor)
(better)
"clastic locality"
bedded coarse-to-fine sandy Qz-tuff (well-bdd clastic)
(poor)
fras^n of (Qz?)
Lst & Arg?
(not tuff)
tuff-bx
well-bdd clastic
complex drags
platy lst
LO-6
mostly well-bdd clastic
S-drags?
platy
contorted beds of f. tuff-arg.
Qz-grit (R)
Qz-grit within Lst
Lst
bdd Qz
2W
1W
0
1E
2E
3E
1N
1S
2S

SE sheet



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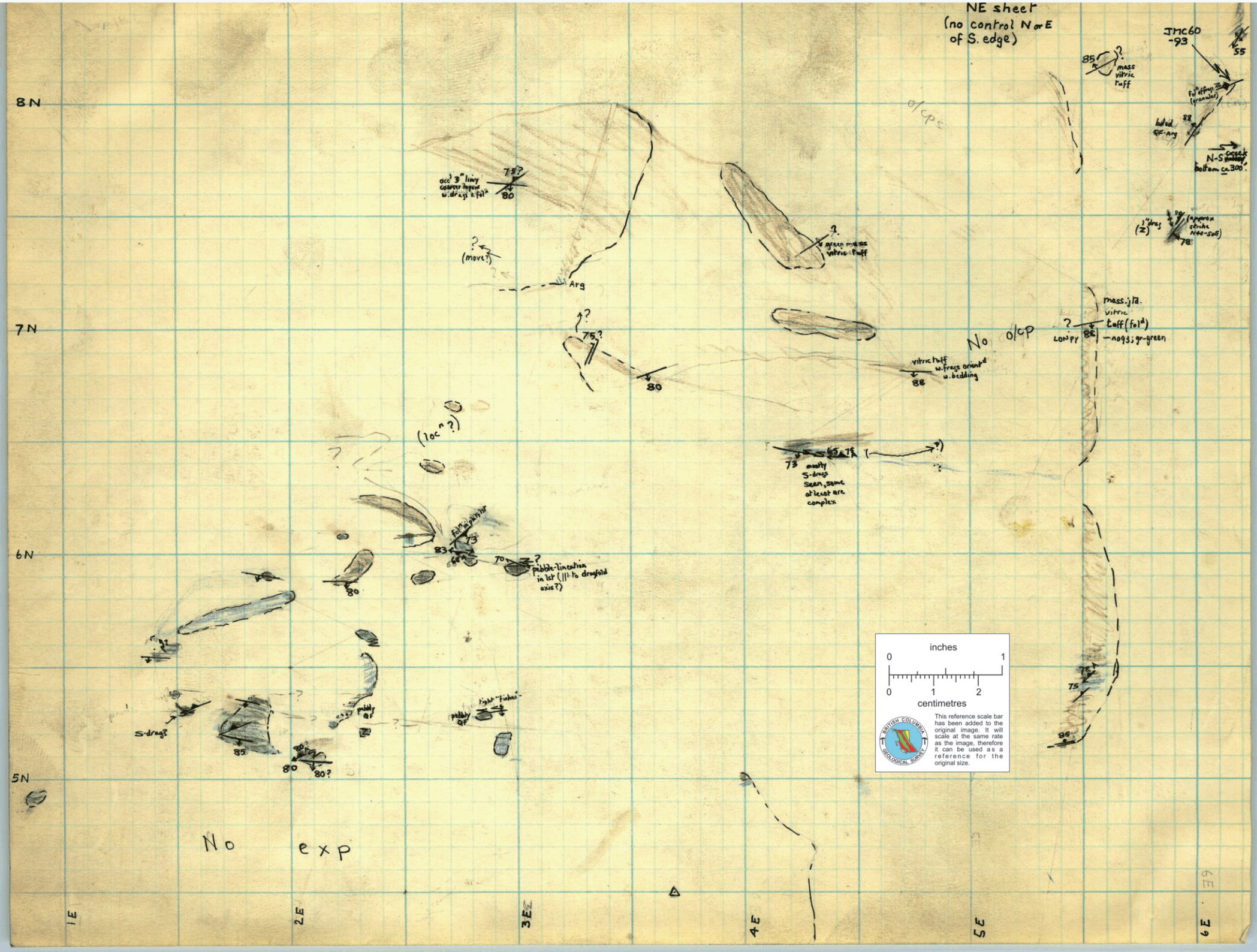
NE sheet
(no control N or E of S. edge)
JMC60 -93
55
85
mass vitric tuff
Fol'd tuffs (greenish)
bdd qtz-arg
88
N-S creek bottom ca. 300'.
(z) 1" drag
(approx strike N60-50E)
78
occ' 3" limy carbon layers w. drags & fol'n
75?
80
?
(move?)
Arg
?
v green mass vitric tuff
mass. ½ vitric tuff (fol'd)
Lomp
86
—nogs; gr-green
No o/cp
?
75?
80
vitric tuff w. frags orient'd w. bedding
88
(loc'n?)
73
mostly S-drags seen, some at least are complex
Fol'd pebbly tuff
83
75
70
pebble-lineation in tuff (⊥⊥ to drag fold axis?)
80
S-drag?
85
80
80?
pebbly qtz
light "fishes"
75
86
No exp
8N
7N
6N
5N
1E
2E
3E
4E
5E
6E
inches
0
1
0
1
2
centimetres
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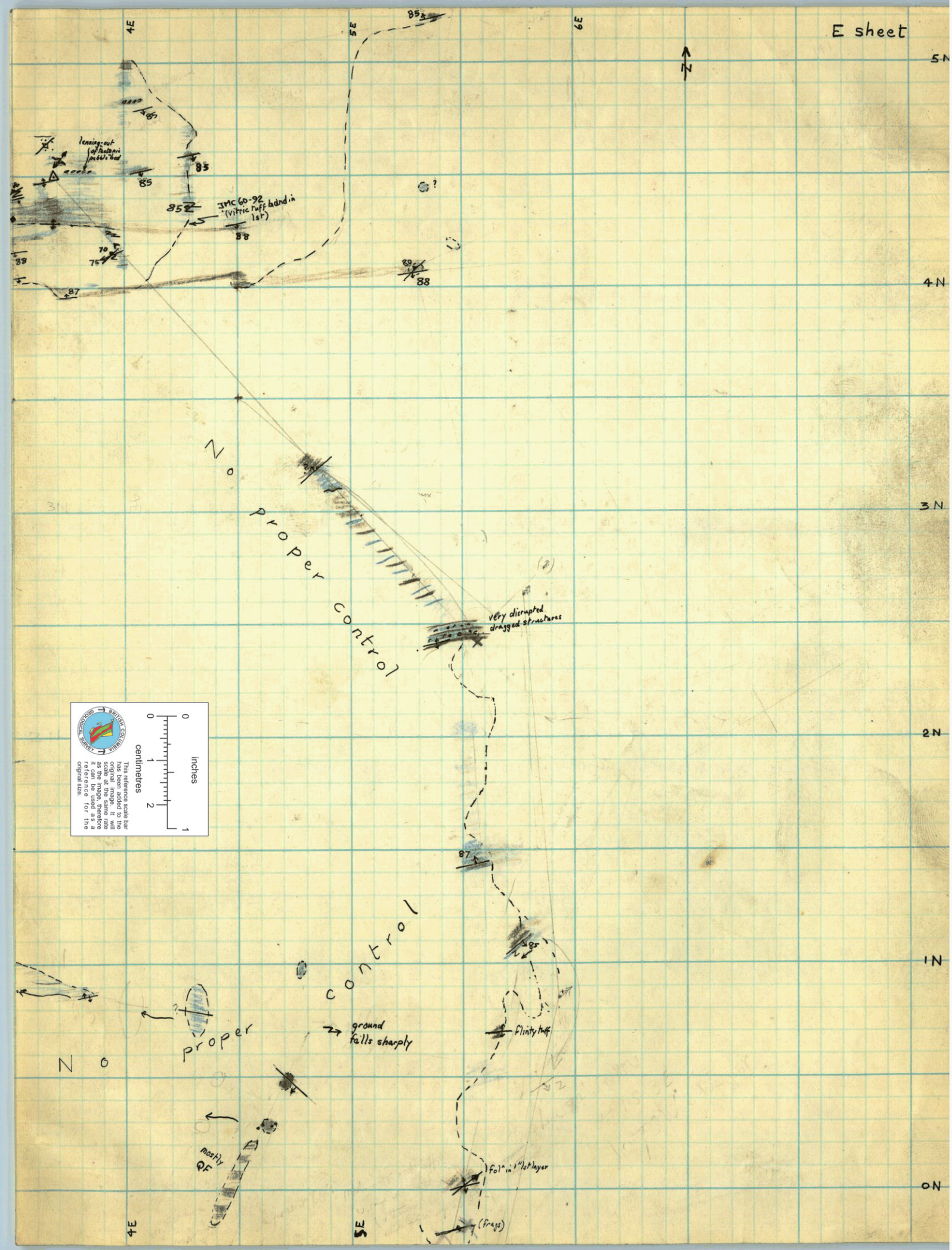
E sheet
N
4E
5E
6E
5N
4N
3N
2N
1N
0N
lensing-out of hematite pebble bed
JMC 60-92 (vitric tuff band in 1st)
No proper control
very disrupted dragged structures
No proper control
ground falls sharply
flinty tuff
mostly QF
fol^n in 1st layer
(frags)
inches
centimetres
This reference scale bar has been added to the original image. It will scale at the same rate as the image, making it an accurate reference for the original size.
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inches
0 1
0 1 2
centimetres
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