① - fault trends 049/40 SE
trace is mapped.
H.W. is qtz/ank+musp. alt.
F.W. is Serp. - No Sense of Movement.
HW fractures 256/10 S (shears)
285/70 S (shears)
are thin 1-5 cm filled with Rusty qtz/carb.

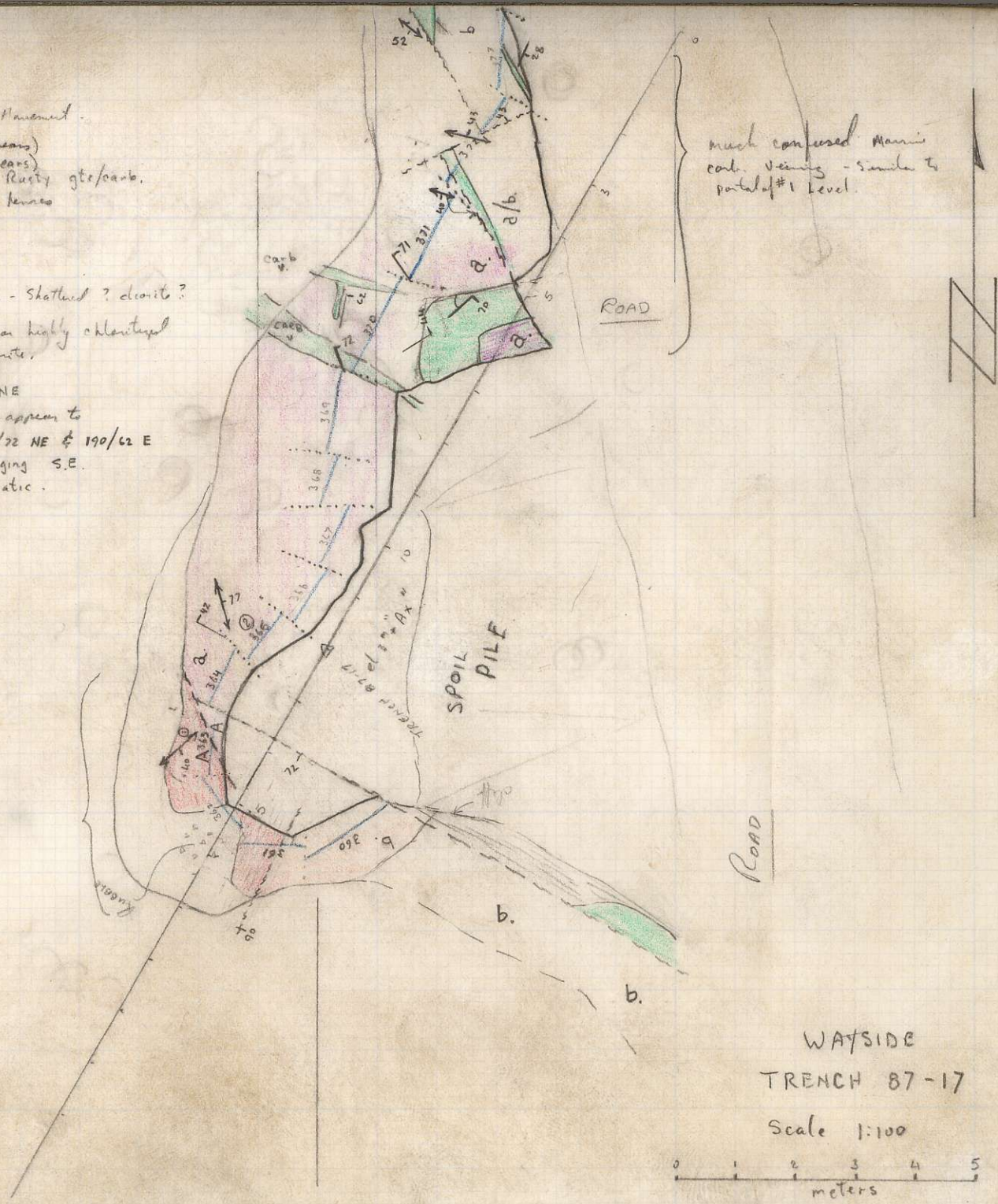
② foliated ? serp ? ± qtz/carb lenses
foliation trends 166/22 SE
qtz lenses trend 118/42 NE
± carb.

A. qtz carb alt Zone. - Sheared ? diorite ?

a. serpentinized rock or highly chloritized sheared or foliated diorite.

③ carb veins, FW trends 162/22 NE
carb thicknesses up to .5m appear to occupy the junction of 162/22 NE & 190/62 E in an irregular zone plunging S.E.
mapping here is diagramatic.

? H.W. of Serp. body is rusty qtz/Carb. alt.



WAYSIDE
TRENCH 87-17
Scale 1:100
0 1 2 3 4 5
meters

842089

TRI-PITS

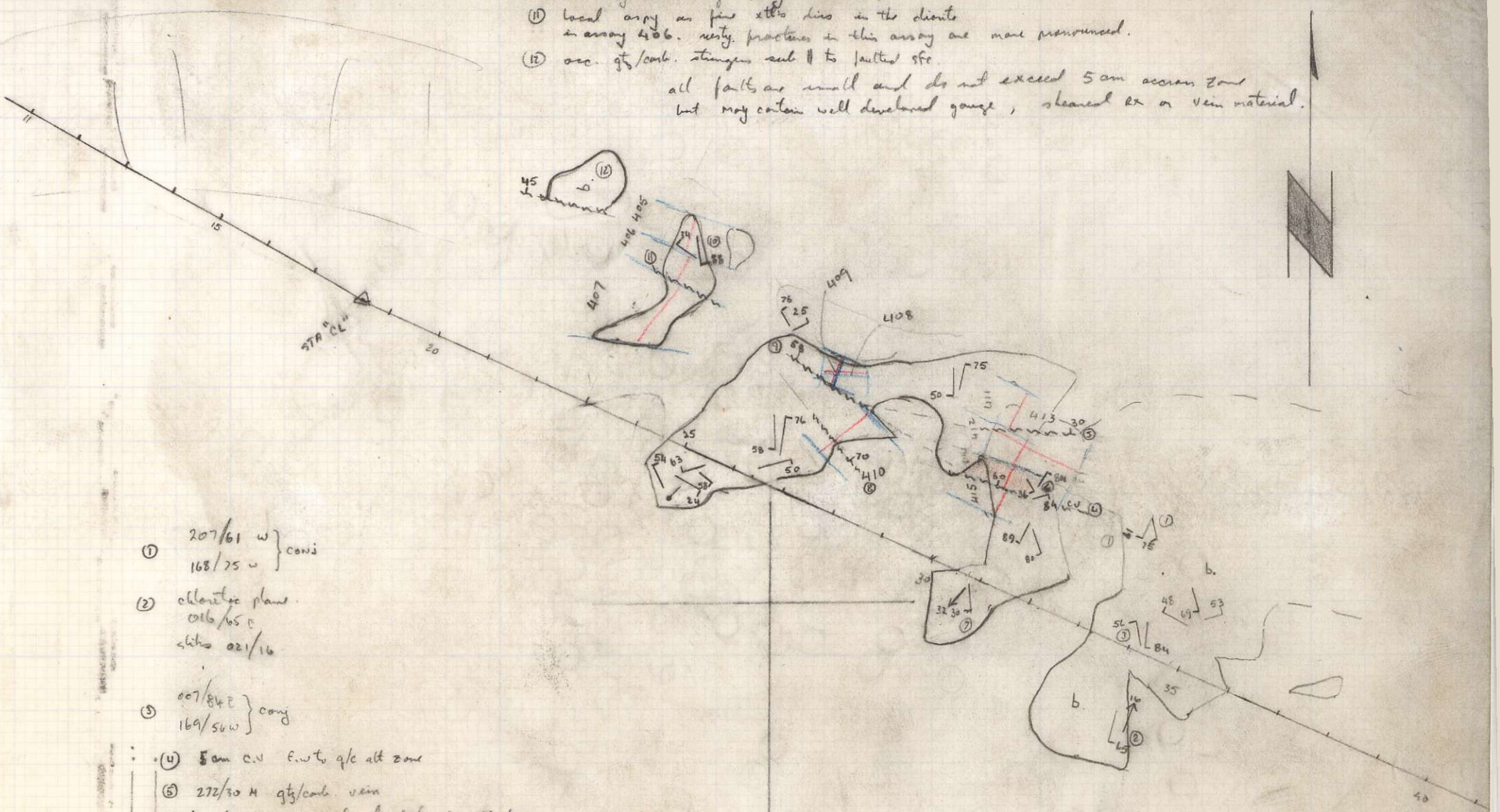
T-38

(10) 123/34, NE is strong repetitive jt.
locally has qtz/carb stringers to 1 cm
and may be orange rusty weathered.

(11) local arsy on fine xtlno dios in the diorite
in assay 406. rusty fractures in this assay are more pronounced.

(12) occ. qtz/carb. stringers sub ∥ to faulted sfc.

all faults are small and do not exceed 5 cm across zone
but may contain well developed gouge, sheared rx or vein material.



(1) 207/61 W } conj
168/75 W

(2) chlorite plane.
016/65 E
slicks 021/16

(3) 007/84 E } conj
169/56 W

(4) 5 cm C.V f.w to q/c alt zone

(5) 272/30 N qtz/carb. vein

(6) joints in mineralized qtz/carb. alt di

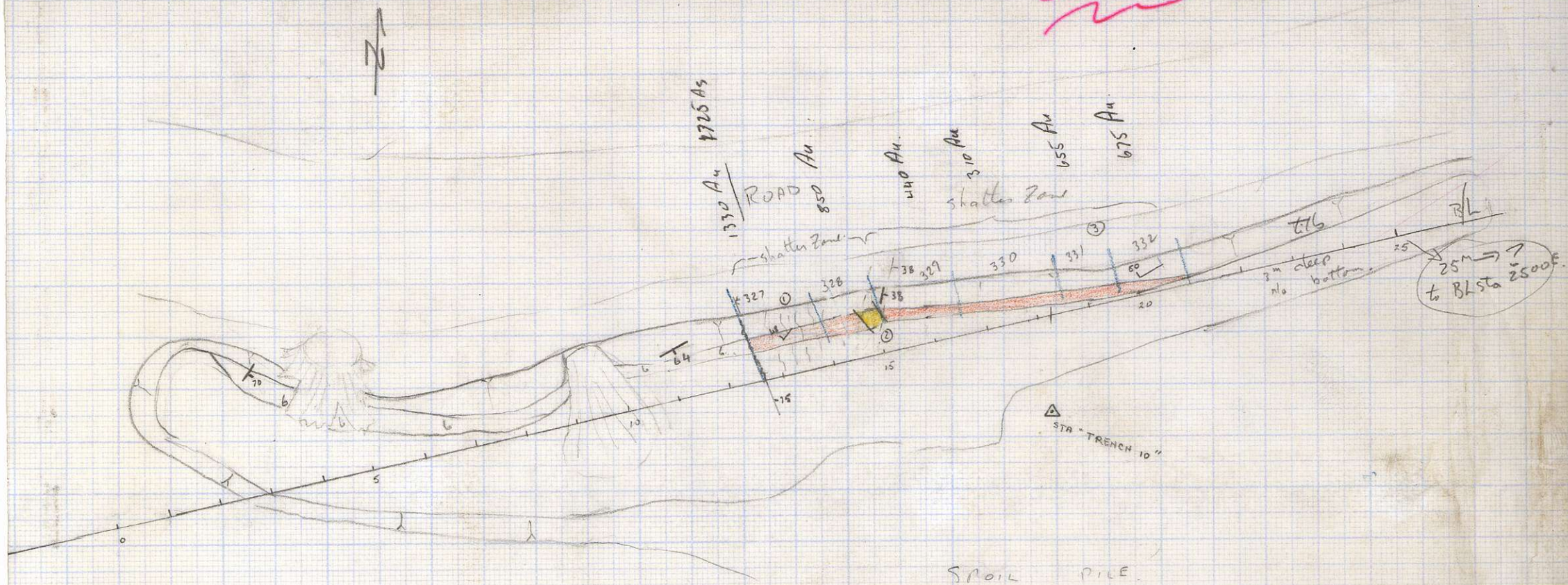
(7) slicks on 176/30 W
plunge 222/32

(8) chl. filled fault to 5 cm

(9) major local structure

TRI PITS

BILL



① - shatter zone qtz/carb alt. joints dip NW 48° & contain small qtz veins similar to 87-T-11

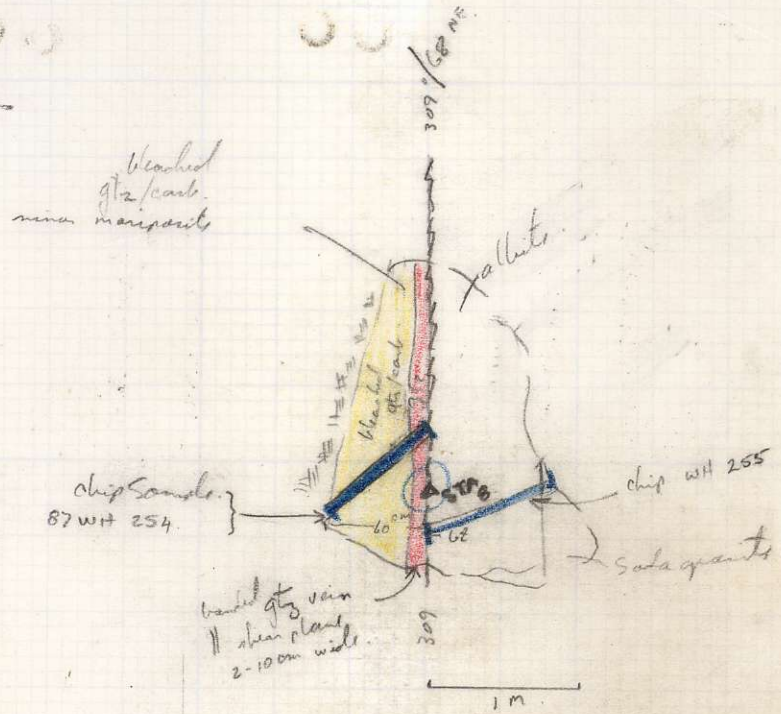
② dike, qtz/carb alt. feldspar ppy. trend is ~015/38 E

③ shatter zone qtz/carb alt. sheared ? dike numerous qtz stringers are alligned with joints dipping 50 NW.

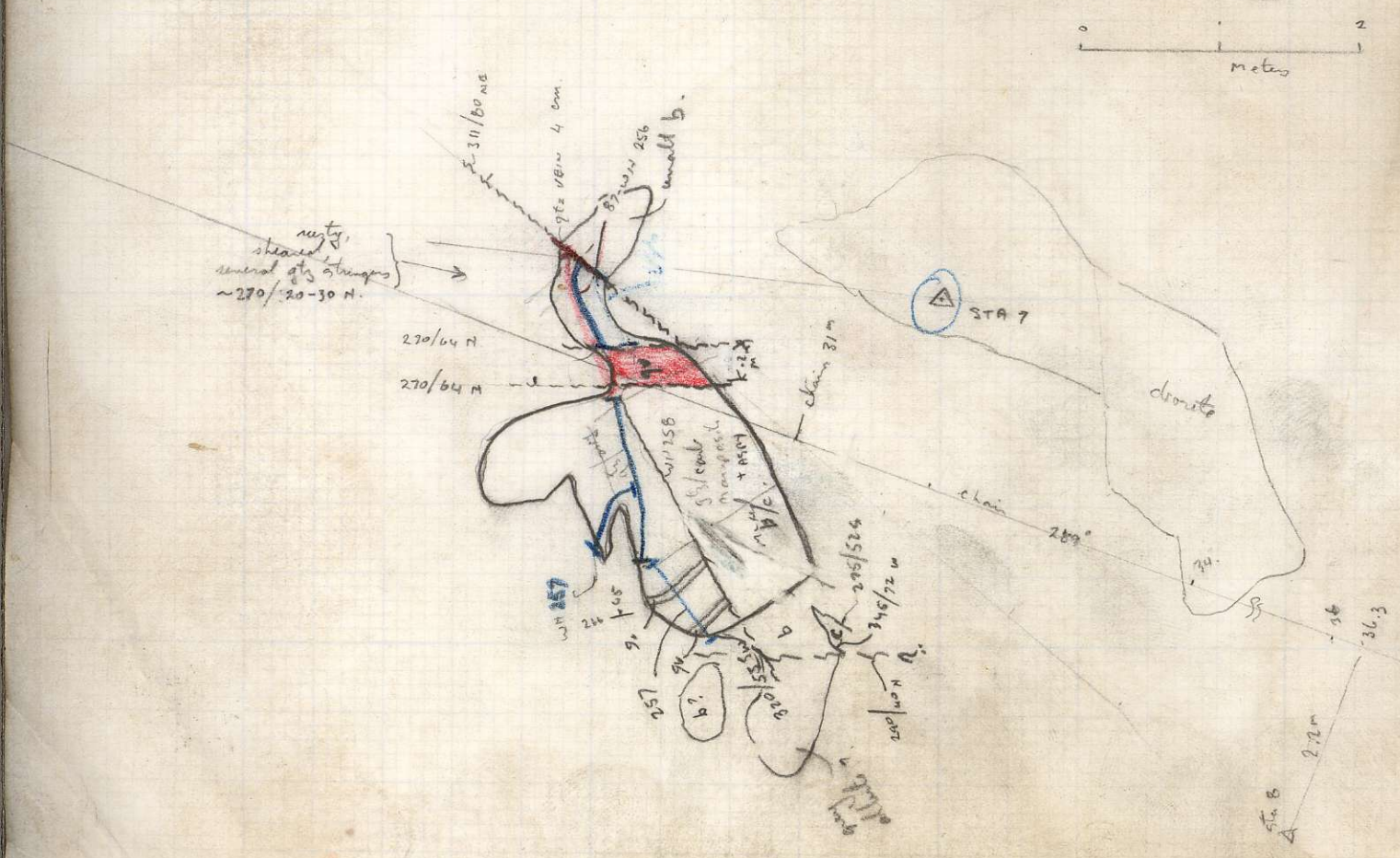
WAYSIDE
2-BOB Trench area
TRENCH 87-T-10
1:100
0 1 2 3 4 5
meters

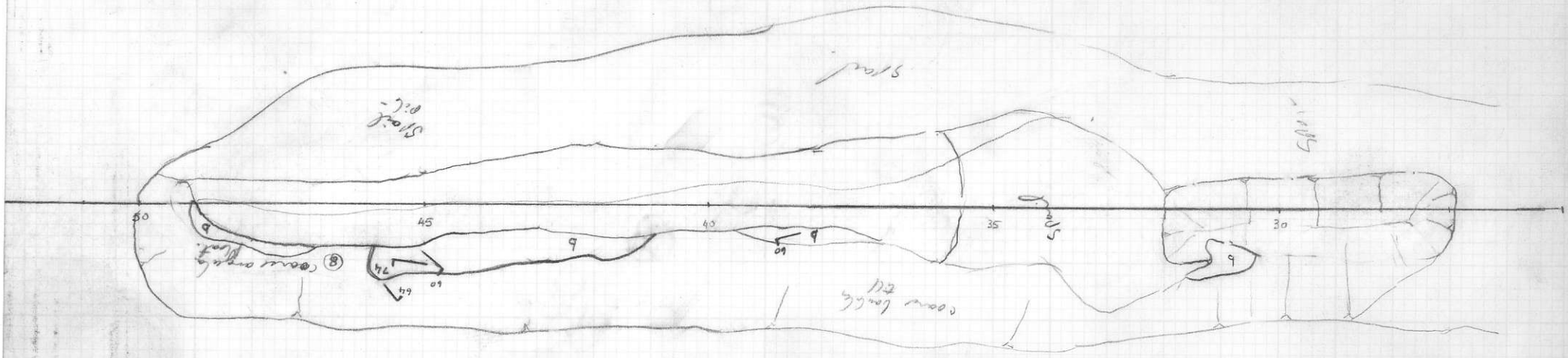
COMMODORE TRENCH.
Chip Sample @ Sta 8

STA 8



STA. 7.





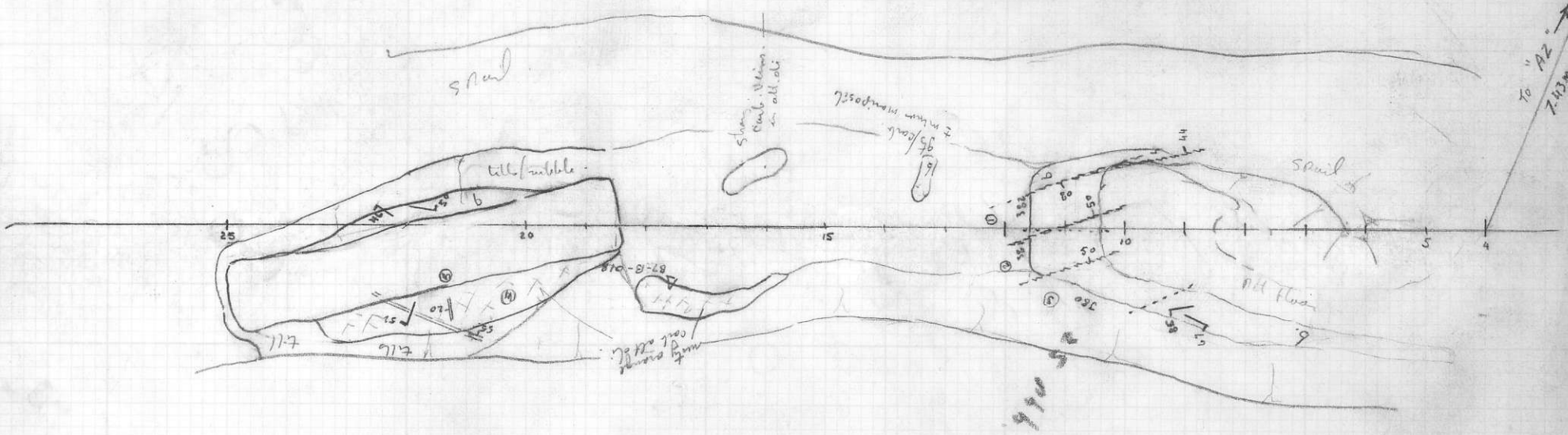
⑧ - rusty angular float - diorite in weakly - carb. alt.

old Pat Henry trench.

P. 2/2 Trench T-21

scale 1:100

① - qtz/carb, manganite alt di & vein/fracture
② - orange rusty fractured qtz/carb alt diorite. rock is shattered
③ - weakly alt rx.
④ strongly shattered, orange rusty diorite - carb. alt., mina manganite
⑤ several sub ∥ q.v stringers .5 - 1.0 cm wide.

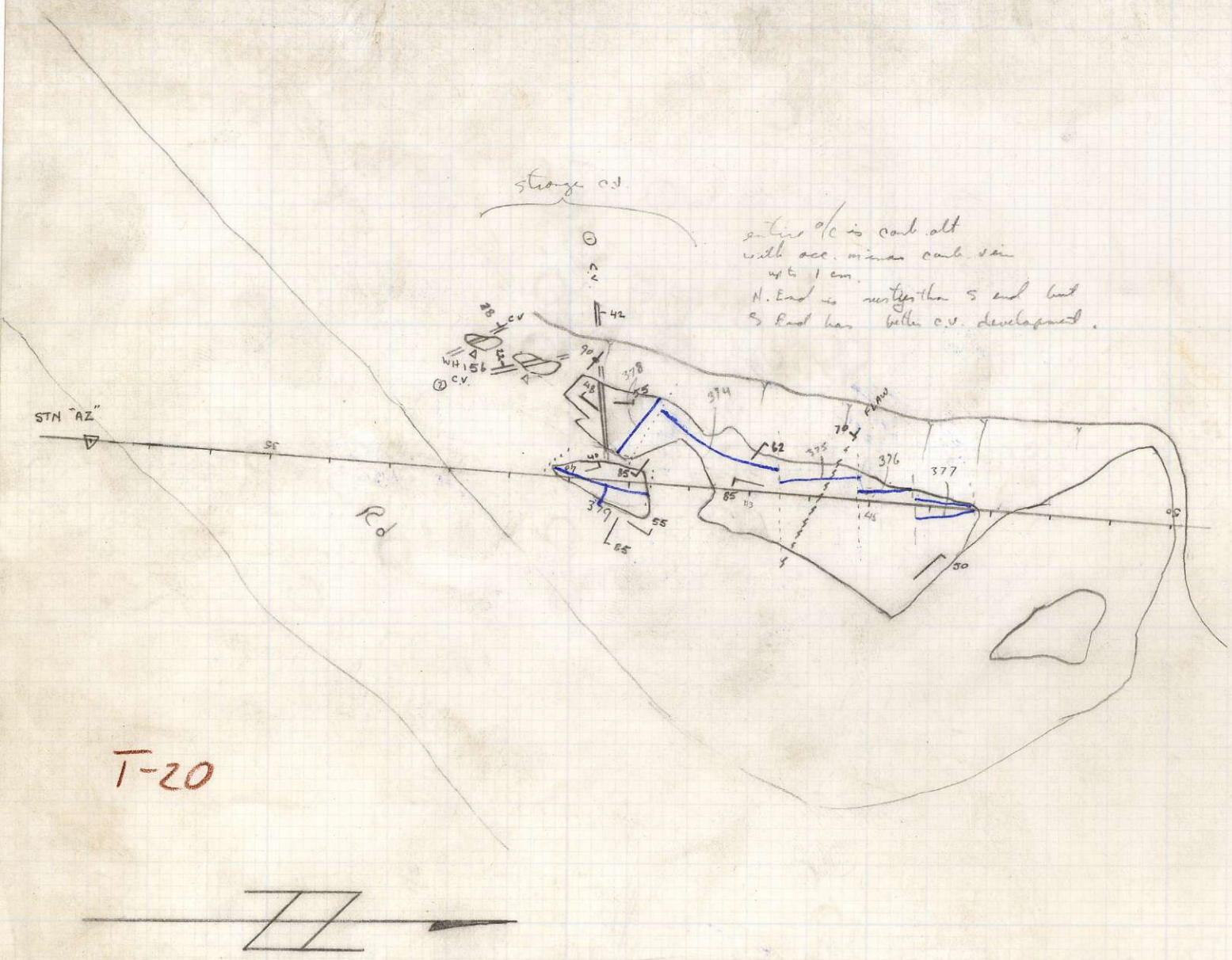


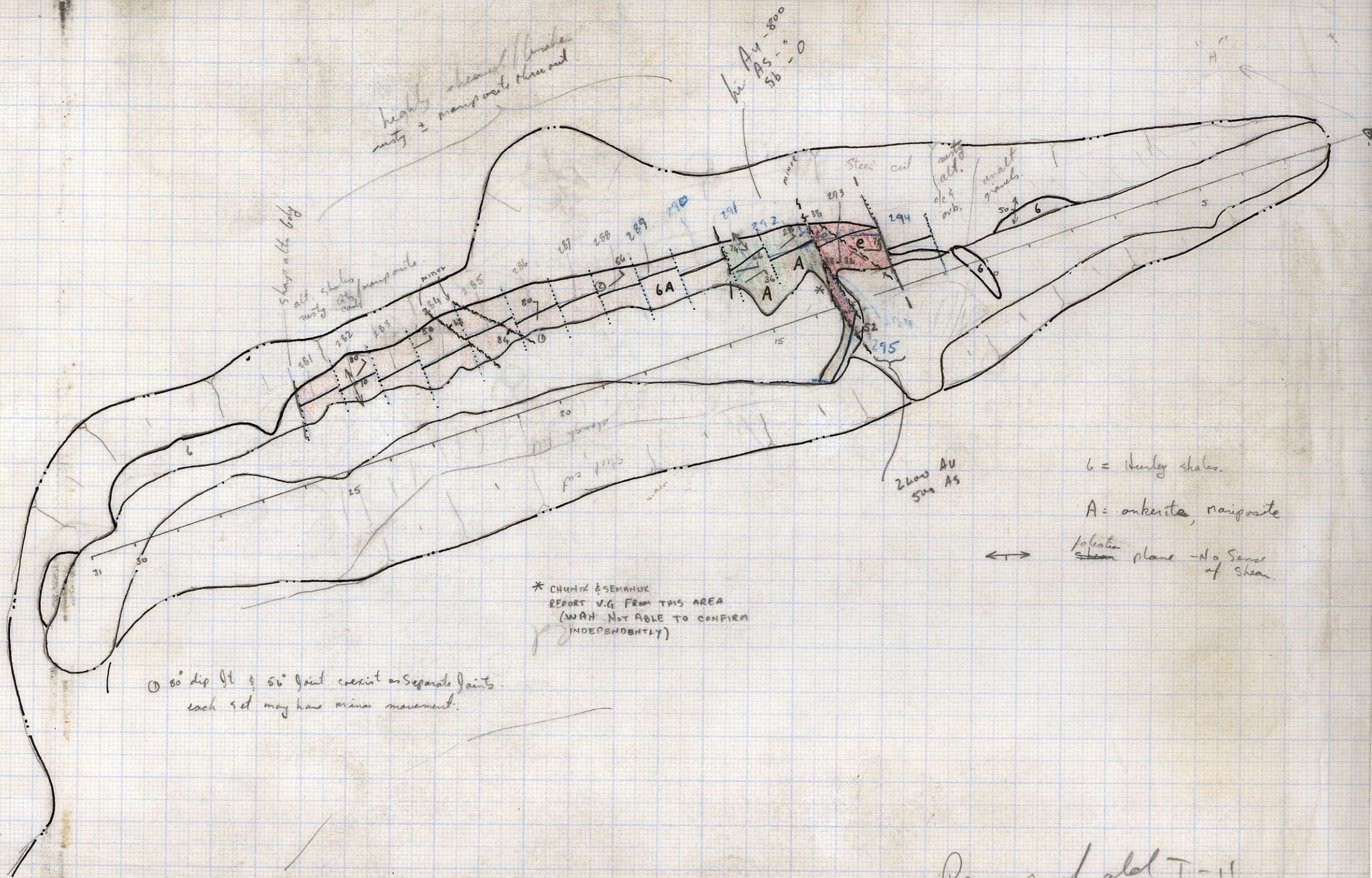
Rock is all diorite
but med to strong qtz/carb alt.

P 1/2

old Pit Heavy showing
TRENCH T-21
SCALE 1:100

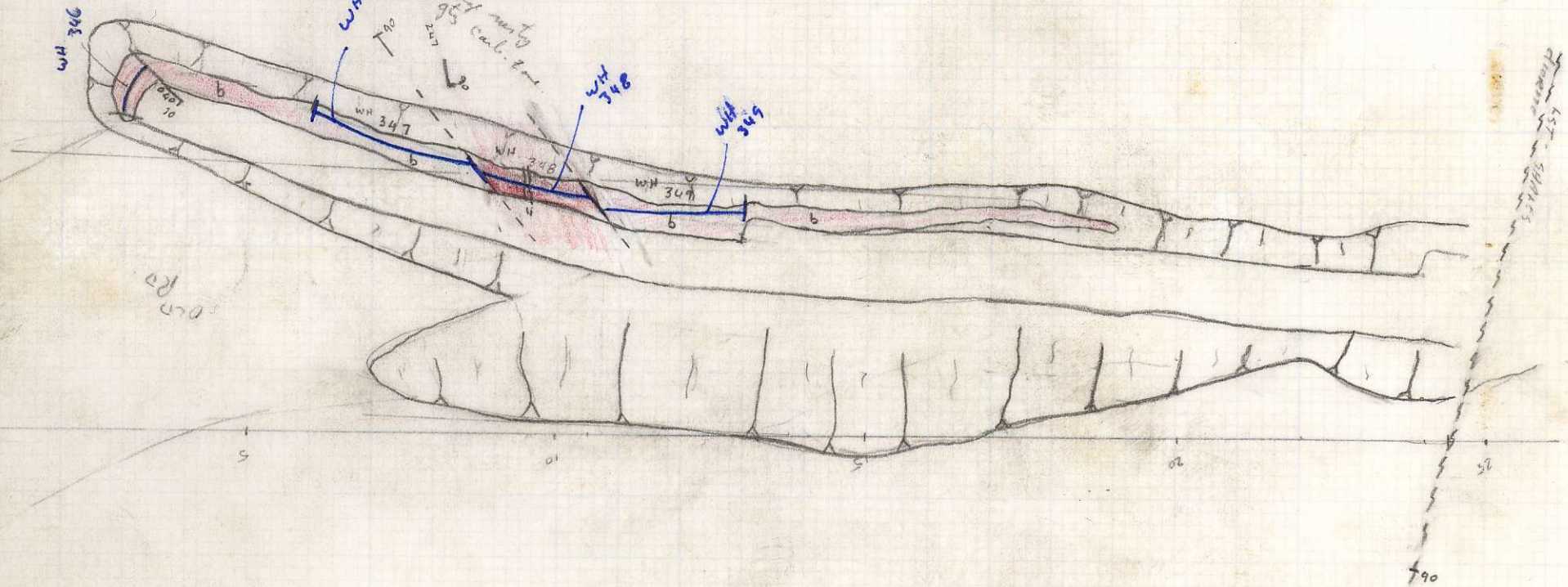
① c.v. carbonate vein 2-5 cm
② c.v. " " up to 10 cm strong rusty margins





Remap of old T-11
New T-13

87-	SAMPLE WIDTH	TRUE WIDTH.
WH 346	1.0	1.0
347	2.5	1.4
348	2.2	1.3
349	2.1	1.2



T-87-3

T-18

(1) - small fault curves to N - has carb veining & rusty carb. alt. selvages in diorite.

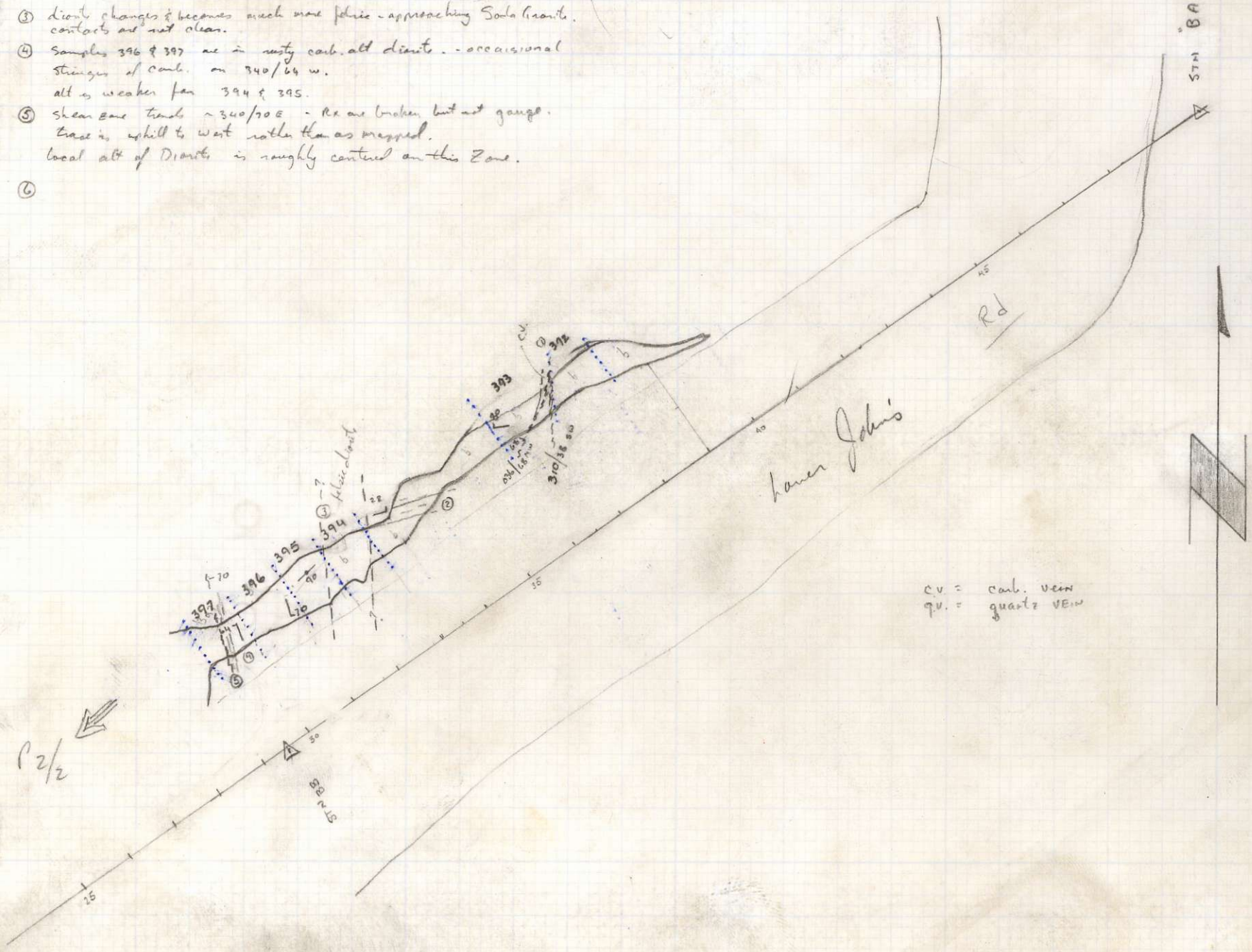
(2) several sub parallel fractures contain rusty qtz stringers 250/26 N. in dark grey to green diorite

(3) diorite changes & becomes much more felsic - approaching Sooke Granite. contacts are not clear.

(4) Samples 396 & 397 are in rusty carb. alt diorite. - occaisional stringers of carb. on 340/64 W.
alt is weaker for 394 & 395.

(5) shear zone trends ~340/70 E - Rx are broken but not gouge. trace is uphill to west rather than as mapped.
local alt of Diorite is roughly centered on this Zone.

(6)



(1) - map is plan view - = Horiz plan
trace is up to west along wall.
360/56 E HW - diorite is sericite carb. alt.

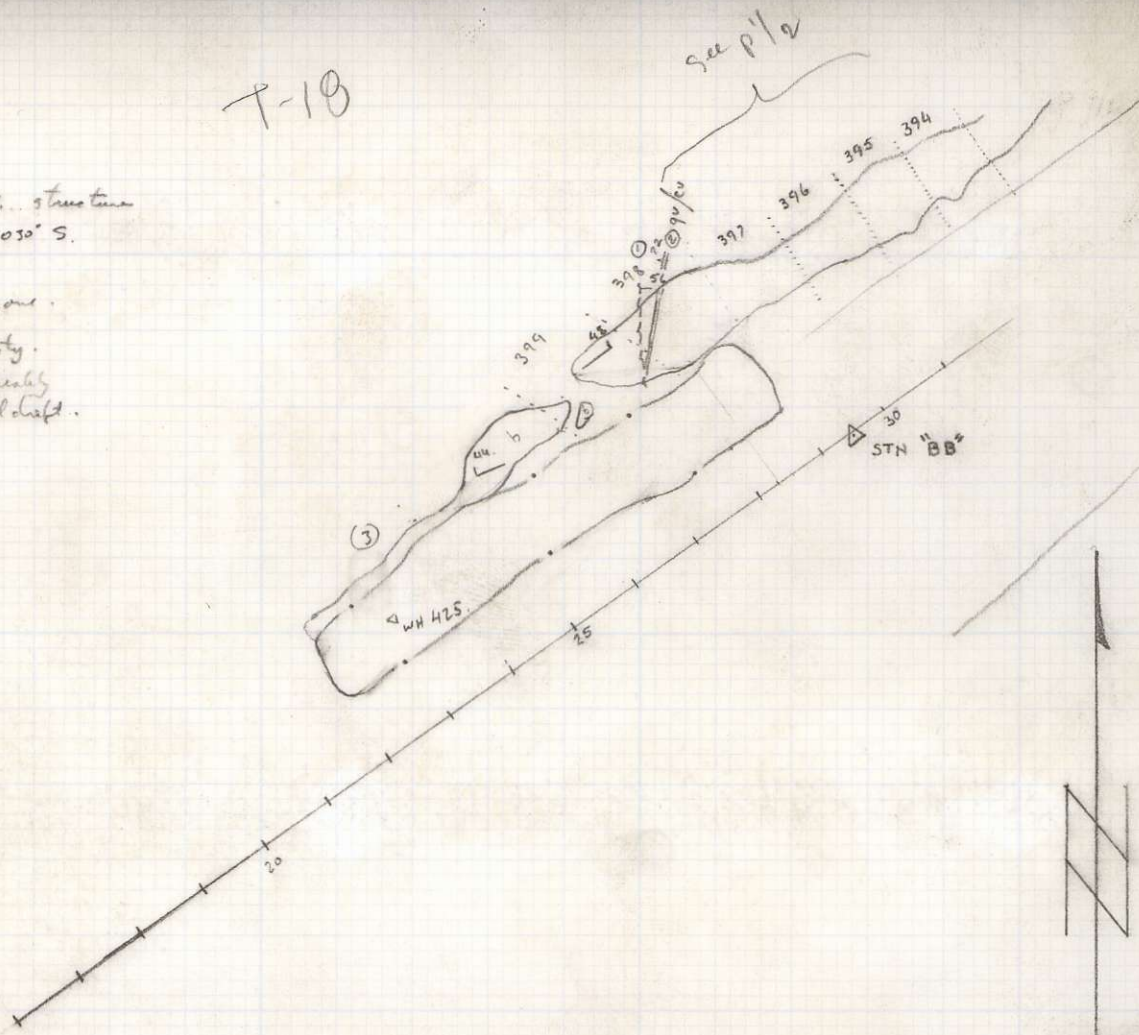
FW is dark green chl. alt.

(2) HW carb alt. diorite. has small qtz/carb. structure
trending 006/72 W with slicks plunging 030° S.

399 is in chl. zone
398 is in qtz/carb. alt. HW shatter zone.

(3) common bed rock float is very orange sericite.
orig diorite material - boulders are invariably
angular and well fractured - probably local drift.
WH 425 sampled from such drift.

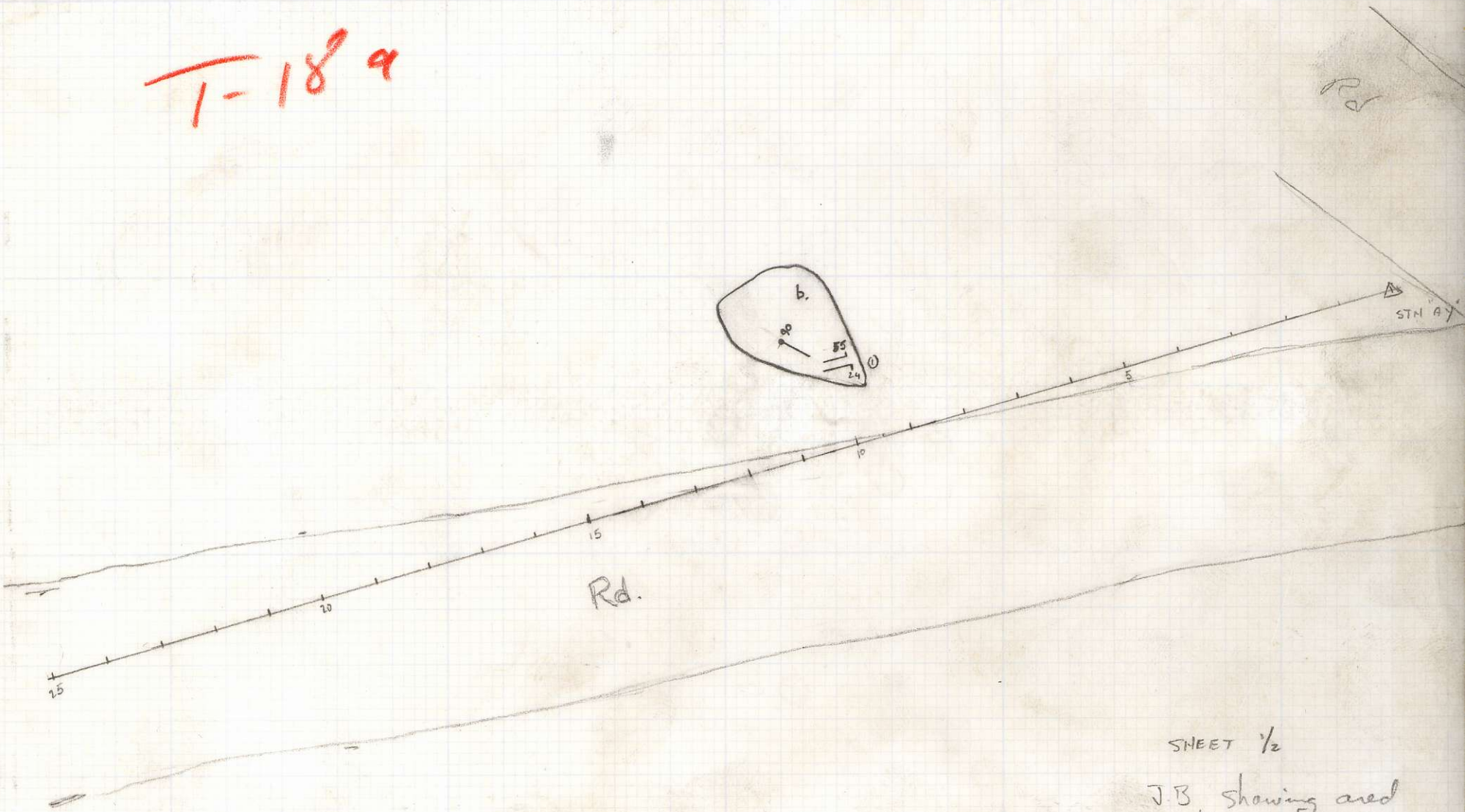
T-18



P 2/2

① common Joint.

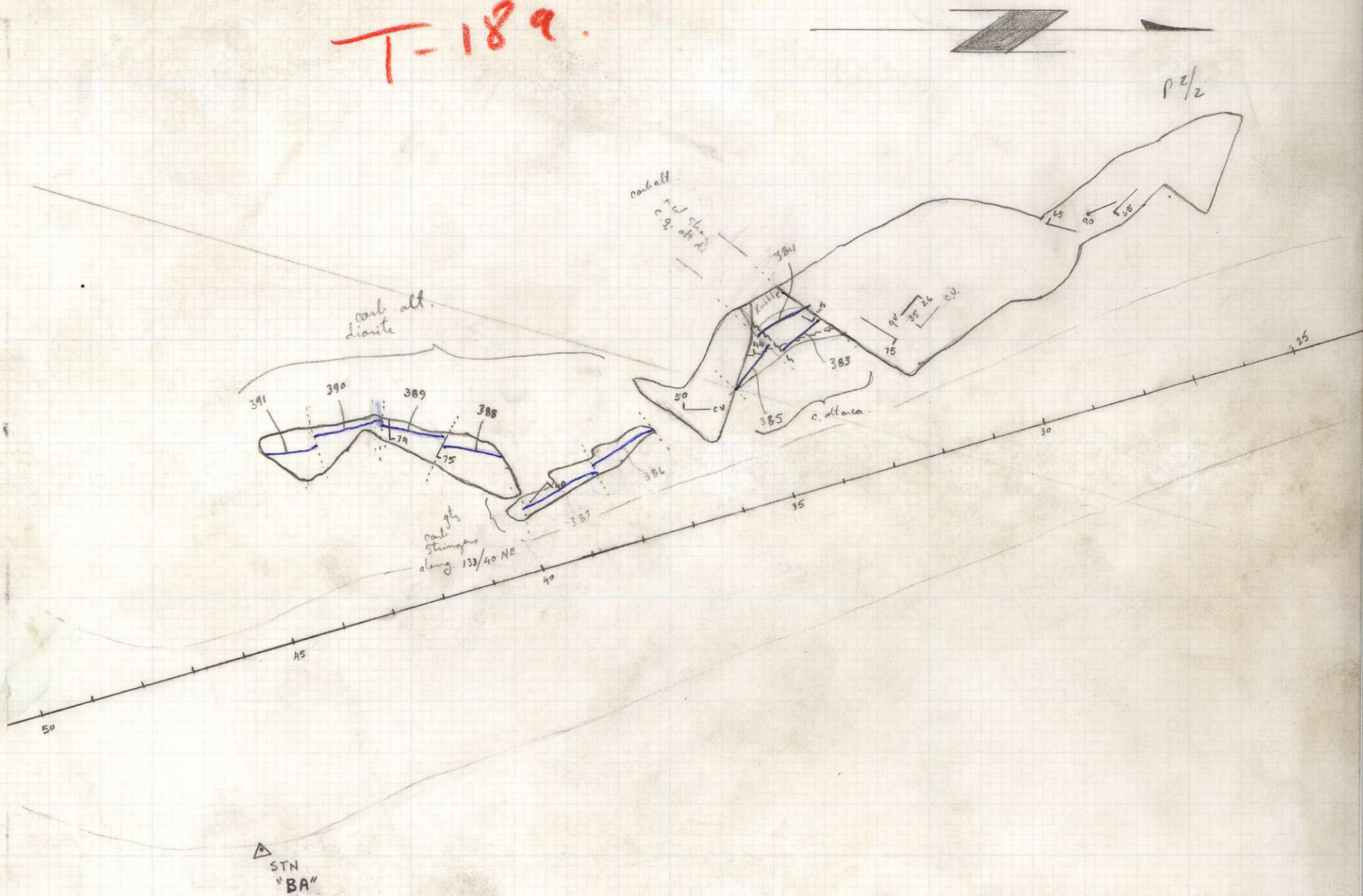
T-18 a



SHEET 1/2

J.B showing area
Rd way
1:100

T-189.


P 2/2
carb alt
diorite
391
390
389
388
74
75
40
386
387
qtz
carb
stringers
along 133/40 NE
carb alt
384
rubble
383
385
c. altaca
50
CV
94
35
26
C.V.
75
65
90
65
50
45
40
35
30
25
STN
"BA"

→ plunge of slike

① N End of trench, Rx are black shales. (Hurley, #MT 6)
sheared along well defined Bedding planes.

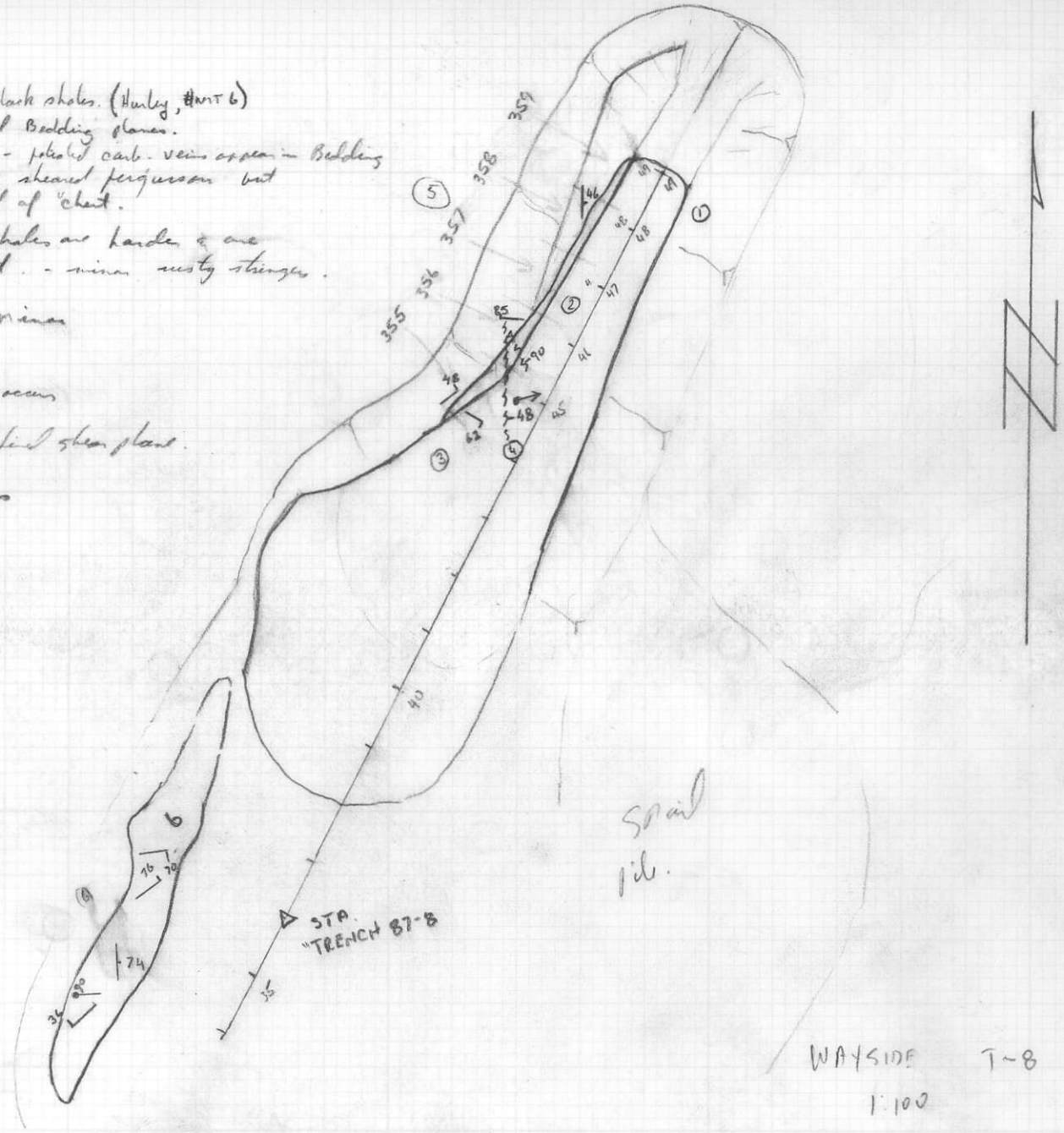
② shales are highly sheared - pebbled carb. veins appear in Bedding planes - Rx looks like sheared ferguson but with carbonate instead of "chert.

③ less shearing but shales are harder & are locally qtz carb alt. - minor rusty stringers.

④ Bedding plane fault - minor

⑤ Rock is all sheared
most carb ± minor qtz occurs
around #356 - 357
without a well defined shear plane.

⑥ undeformed Hurley shales



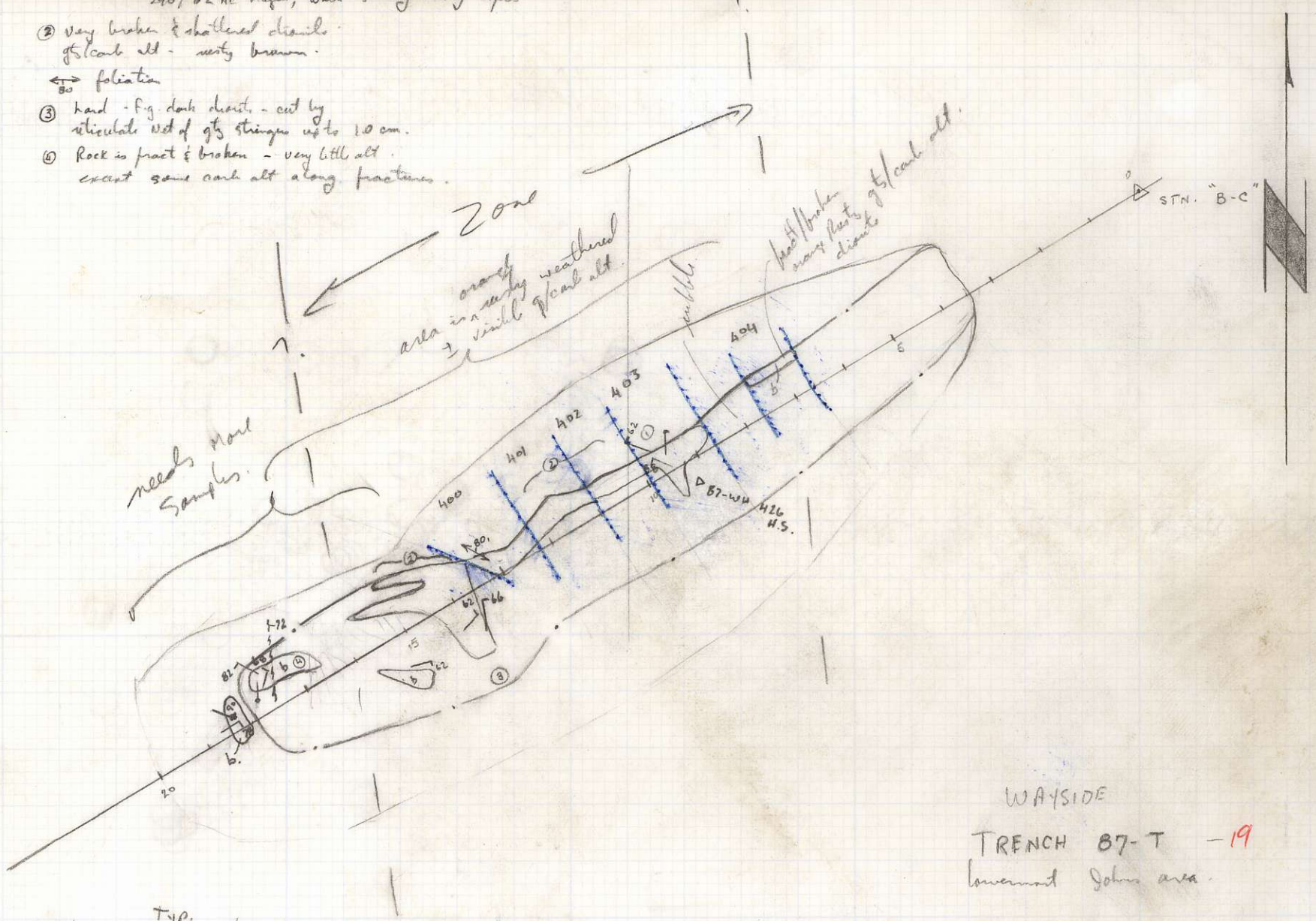
WAYSIDE T-8
1:100

① Joints { 358/90 / 290/ 83S } minor
290/ 62 NE major, with strong rusty specs

② Very broken & shattered diorite.
qtz/carb alt - rusty brown.
↔ 80 foliation

③ Hard - f.g. dark diorite - cut by
reticulate net of qtz stringers up to 10 cm.

④ Rock is fract & broken - very little alt
except some carb alt along fractures.



WH. 426 - H.S. Typ. qtz carb stringers thru alt. diorite (rusty orange)

WAYSIDE
TRENCH 87-T
Government John area.

Copy to Vane. dwg Oct 8/87 - WAH

Samples		SAMPLE WIDTH	TRUE THICKNESS	Au	Ag
	296	1.5 m	~ 1.0 m		
	297	.7	.5		
	298	1.4	1.4		
	299	1.0	1.0		
	300	1.2	1.2		
	301	1.1	1.1		
		m	m		

WAYSIDE
TRENCH 87-14
SCALE 1:100

0 1 2 3 4 5
meters

① g.v. - minor, cuts broken & sheared, partly rusty
Black shales.

② HW. of 62° dip sheer is strongly rusty, sheared & broken
with common qtz/mariposite lenses & dissemination

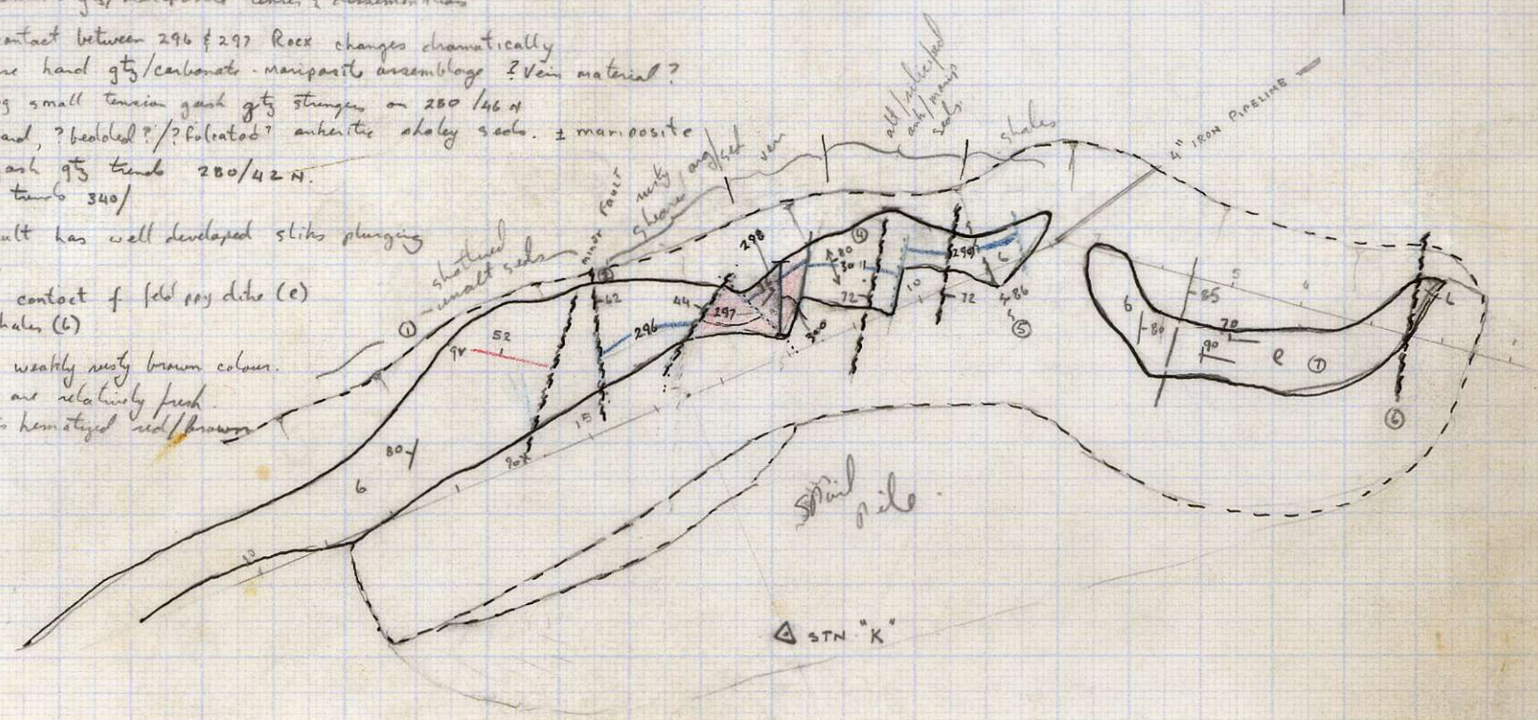
③ @ fault contact between 296 & 297 Rock changes dramatically
to a dense hard qtz/carbonate - mariposite assemblage ? Vein material ?
containing small tension gash qtz stringers on 280/46 N

④ sheared, hard, ? bedded ? / ? foliated ? anhedrite shaley seds. ± mariposite
tension gash qtz trends 280/42 N.
foliation trends 340/

⑤ small fault has well developed slicks plunging
vertical.

⑥ faulted contact of felsic porp dike (e)
with shales (b)

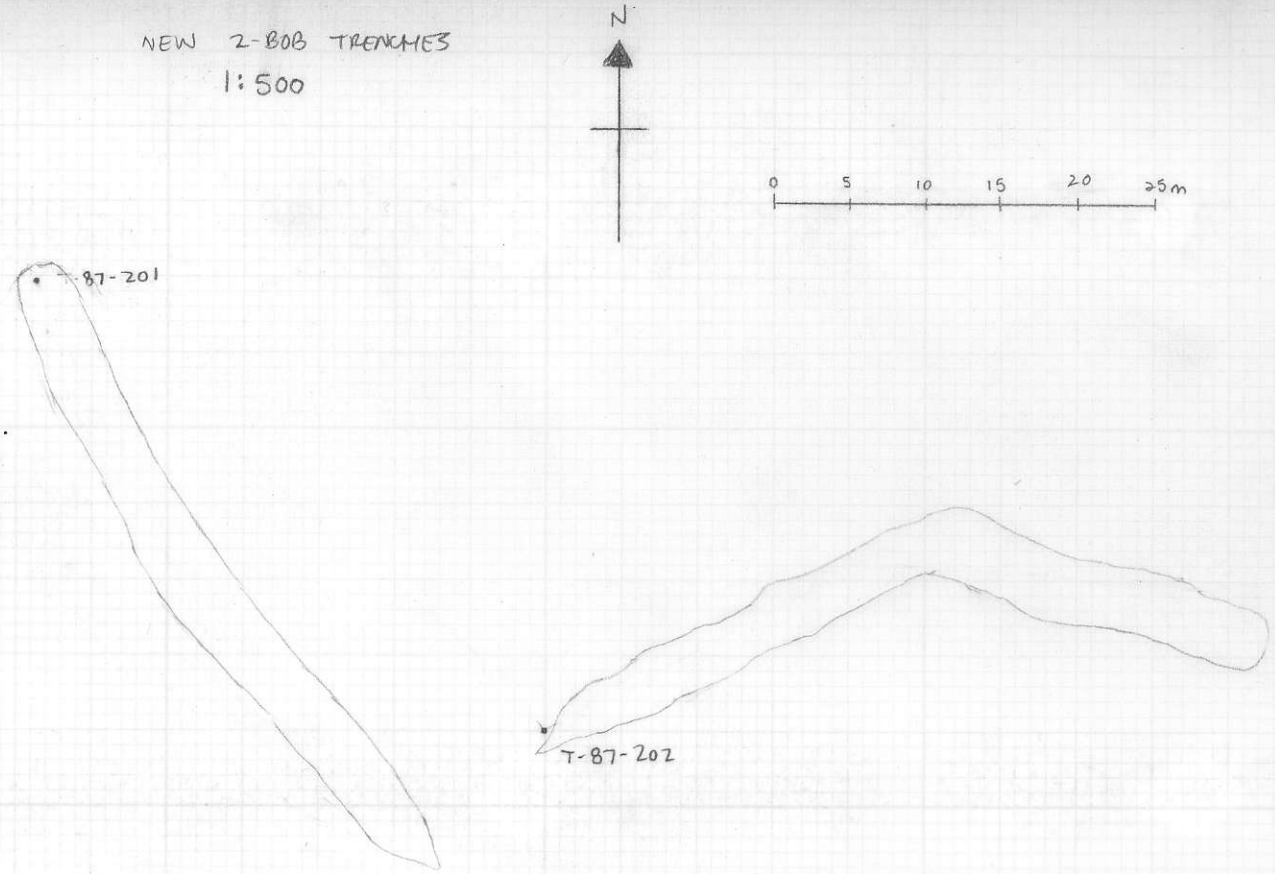
⑦ dike is weakly rusty brown colour.
feldspars are relatively fresh.
matrix is hematized red/brown



new trench - Vanes 2-BoB

NEW 2-BOB TRENCHES

1:500



M. McPHERSON
Sept. 28, 1987

VANC. DWG complete Oct 8/87 - WAH

MARCUS ADIT AREA
TRENCH 87-1

SCALE 1:100

0 1 2 3 4 5
METERS

* ① Sample collected in pit dug by hand from pit bottom (WAN) & placed at top of pit.
Δ9 is at 5m below N end of stand
Floor of pit is only 6m below Δ9
Ast has nearly replaced good calcite veining

② fault - well defined
occupies small gully (previously stripped)
local rusty carbonate alt'n & limonite in thinly laminated to massive lith argillite

③ minor fault with brown rusty qtz carb. perhaps a quartz?

④ small shear 90° Dip with local rusty alty gouge

⑤ Major contact fault - location inferred from o/c fault not abs.
Sample 333 appears to be along a shear/fault 233° flat dip exposed in bottom of pit (Zone is not exposed along plane)

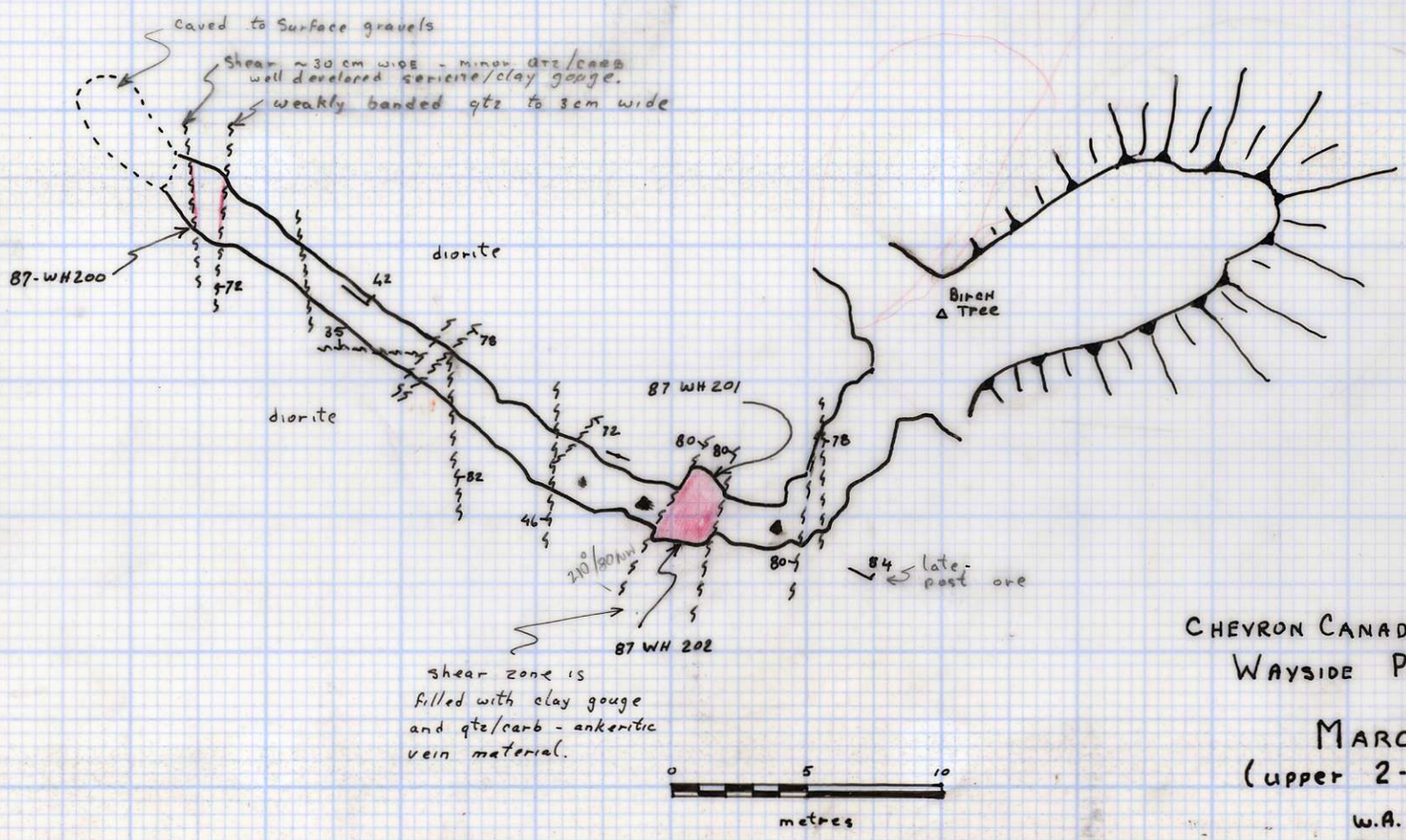
a strong rusty clay alt zone extends from the fault @ 19m to the west. hard grey siltstone qtz frags are alligned within rusty clay gouge like material. WH 342 a is from the qtz pods. also embedded in this zone (in place) are hard chunks of anhedral qtz/carb/ Manganese assemblages. allegment is crudly 295/20 N.

100/67 S JT has minor qtz.
136/32 W JT " " "

WATSIDE Geol
Mylar copy → Dave Floyd 2/1

MAPPING IS ON THE MINE BACK

UTM OF STA △ "BIRCH TREE"
IS: 5636530 N
512054 E



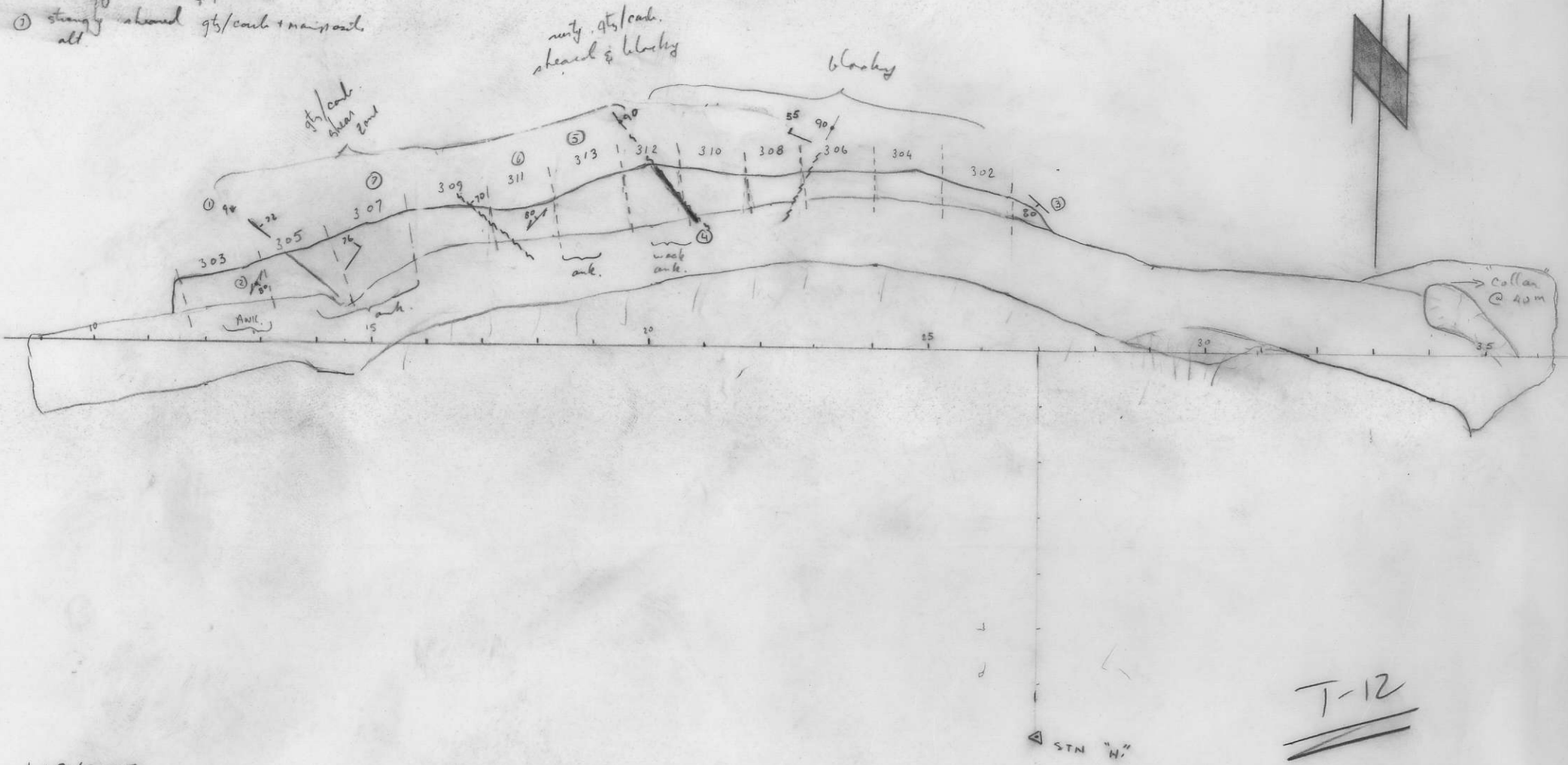
CHEVRON CANADA RESOURCES LTD.
WAYSIDE PROJ. M 577

MARCUS ADIT
(upper 2-Bob Creek)

W.A. Howell
JUNE 5 1987

① qtz stringers .5 - 2 cm. (occaisional)
② foliated shales attitude is locally variable
③ ? bedding
④ 10 cm qtz vein local qtz alt in FW (west)
⑤ local clean in rusty clay/carb alt. looks like alt. diorite
⑥ strongly sheared & foliated
⑦ strongly sheared qtz/carb + minor carb alt

ank = strongly sheared and altered zone
qtz carb ± clay ± minor carb



T-12

WAYSIDE
2-BOB AREA
1:100
meters

1st clean out trench (above T85-11)

WAYSIDE FILE - COPY → VANC. DRAFTING. Sept 24.

2-BOB AREA
TRENCH 87-T-11

scale 1:100

0 1 2 3 4 5
meters

6 = Hanly shales.

e = Feldspar prp dike
rusted matrix clay alt'n of feldspars

A = qtz-ankerite ± manganite alteration

① small qtz stringers - occ vuggy with rusty bands, veins 1-2 cm. trend 060/70 NW.

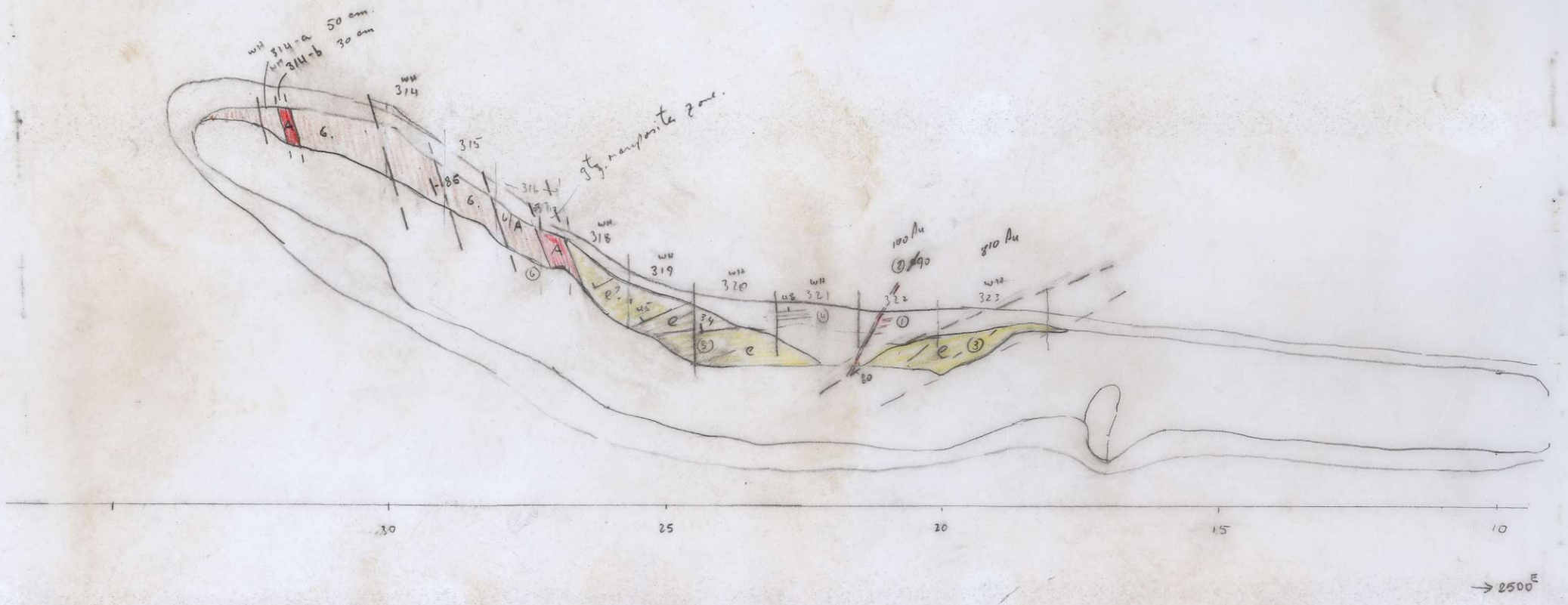
② qtz carb silica zone ~ 10 cm thick

③ massive hard o/c of rusty feld. prp ? dike? fract. ∥ to o/c walls are rusty on qtz filled.

④ similar to ① - trend 080/40 N.

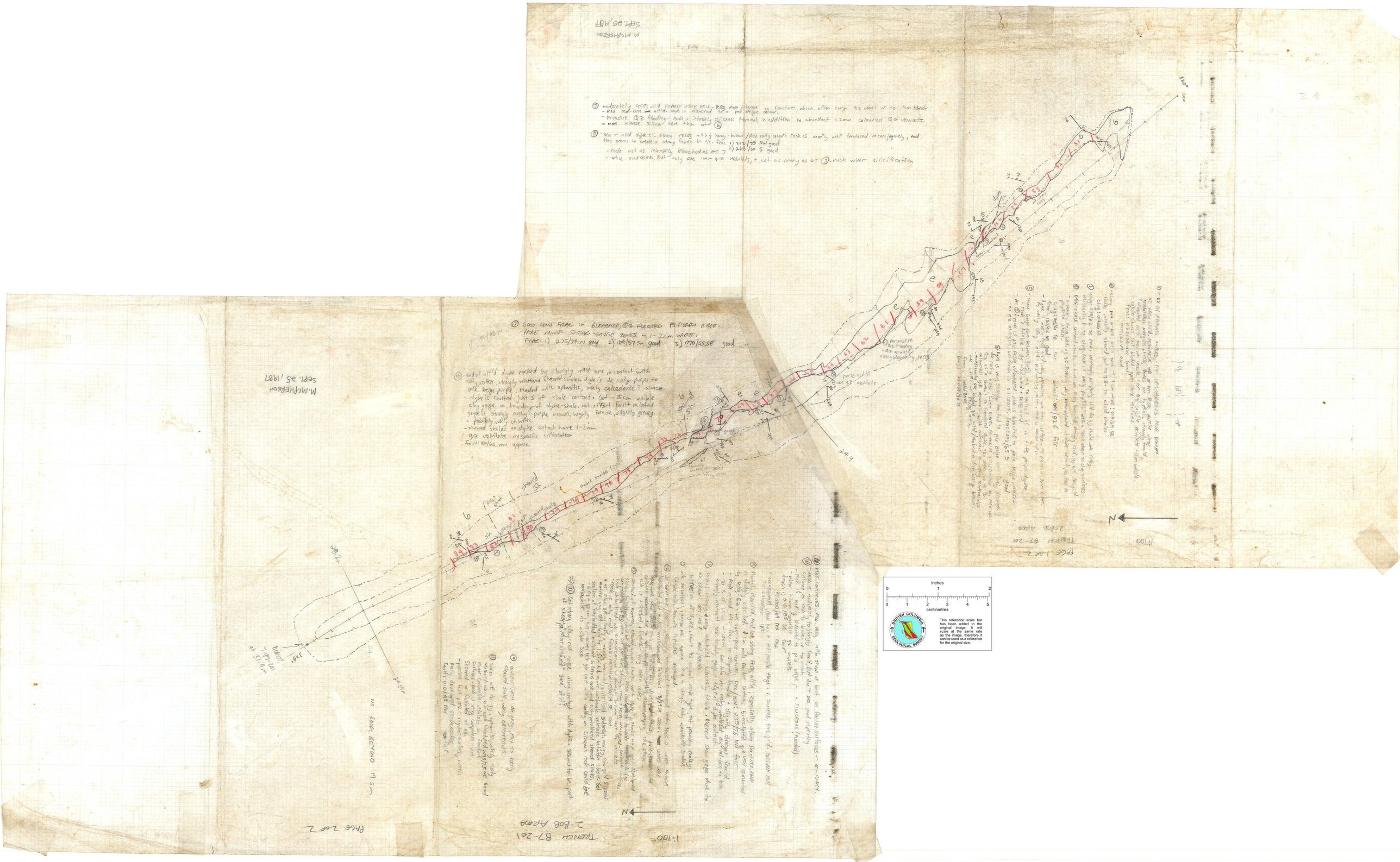
⑤ o/c may be glacial mop up from bed rock attitudes are confused. occ. qtz/manganese frags are found near. ? FW of the feld prp.

⑥ Zones of qtz/carb. alt ± manganite follow bedding



workside file - copy → Vanc. Drafting. Sept 24.

WAYSIDE, copy to Vanc. Drafting Sept. 24



This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

TRENCH 87-202
2-BOB AREA
PAGE 1 of 2

1:100

TOP
BOTTOM
O/C
FRACTURE
CLVG

① DK gy, aphanitic shaly and limy shale. WK FRACTURE 1) 115/60 SW
2) 308/10
- tour clay
② Mgy aphanitic shaly with ~10cm interbed of shaley limst (dk gy) and gritted tan clay.
③ Mgy shale. clay: 310/25 SW. PAL.

④ Chocolate dk gy shale grades into fine grd cgl with a limst pebble. Very limst size clasts. Grades into med grd gy, gy limestone with dk gy shale partings ~3mm wide.
⑤ WK FRACTURED CUTTED ZONE. Fractured dk gy shale is cemented with most white calcite. FROM mostly pyrite. ZONE ~30cm wide
- SAMPLE 87-HEN-367

SHALE WITH WHITE CALCITE LAYER
87-HEN-367
2-BOB-SHALE
FRACTURED ZONE
FRACTURED ZONE
224
180
224
180
DARK GRY LIMST GRD COMMINUTED
SHALE WITH WHITE CALCITE
NO O/C
NO O/C
NO O/C

279	.4 m
280	1.2 m
278	.4 m
276	.55 m
275	.70 m
272	.70 m
269	1.2 x .30 m
270	1.1 x .30 m
274	.5
264	.7
265	1.2