URBD 40331 GEOLOGY
ORIGINAL UNDERGROUND WORKINGS, KENNER & BENNETT, '88

60008649

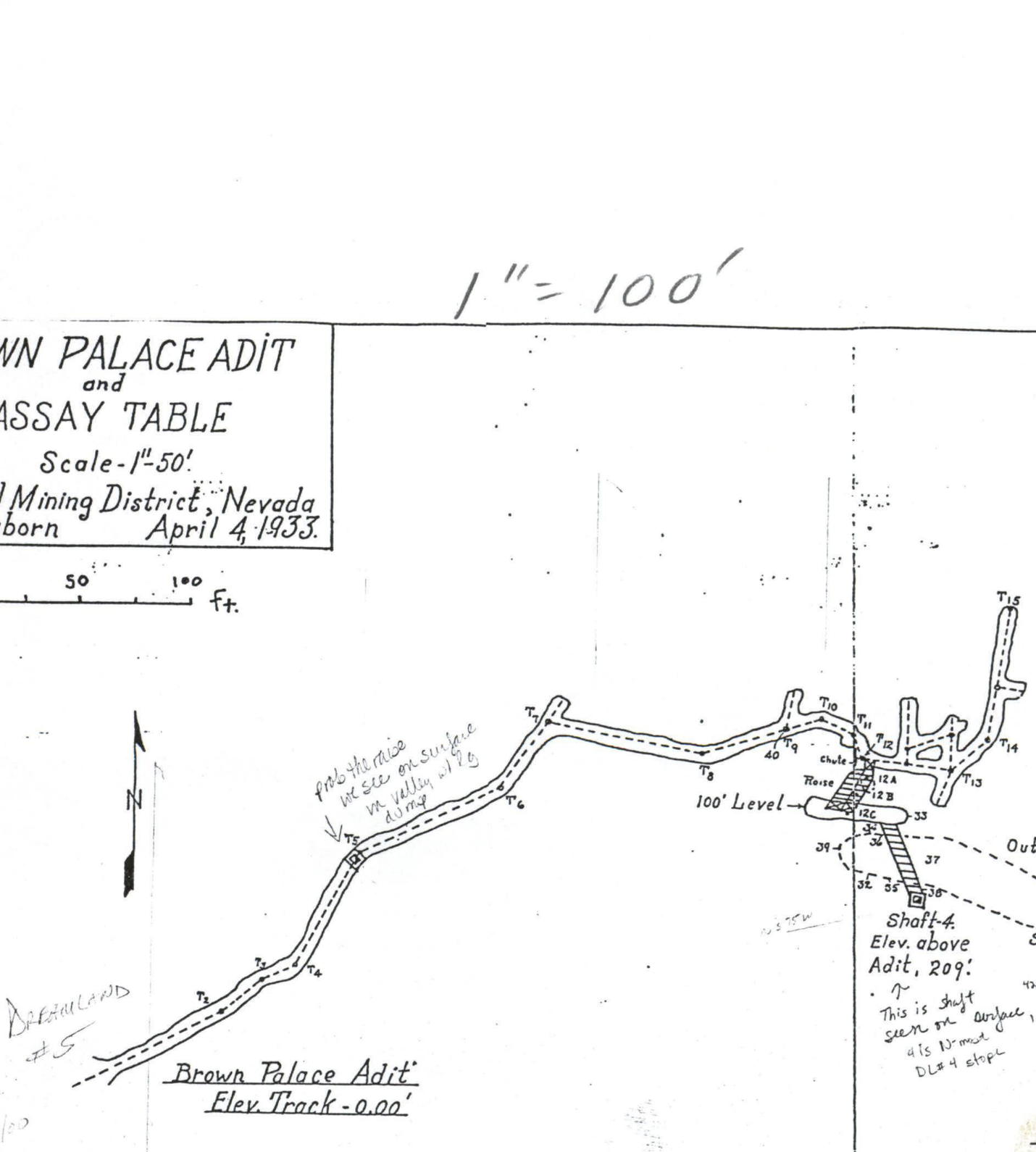
1" = 100'

BROWN PALACE ADIT
and
ASSAY TABLE

Scale - 1" = 50'

Rebud Mining District, Nevada
J. Seaborn April 4, 1933.

0 50 100 ft.



Assay Table

Sample	Width	Gold Val.		Silver Val.	Total Value
1.	9"	$ 223.04		7.50	230.54
2.	1.5'	1.24		2.32	3.56
3.	1.7'	1.03		0.38	1.41
4	7"	134.15		3.43	137.58
5.	2.2'	2.07		3.27	5.34
6.	1.0'	64.08		3.78	67.86
7.	5"	10.75	0.4	1.35	12.10
8.	1.0'	30.18	1.2	25.62	55.80
9.	1.0'	11.78	0.4	2.02	13.80
10	1.8'	18.19	0.7	22.73	40.92
11.	9"	55.40	2.1	79.35	134.75
12	1.0'	6.20	0.2	7.05	13.25
13.	12"	492.98	19.0	130.36	623.34
14.	1.9'	1.65	0.06	4.05	5.70
15.	9"	22.74	0.9	1.01	23.75
16.	10'	.21		0.13	.34
17.	10'	.21		.08	.29
18.	4.5'	.41		.11	.52
19.	4.5'	.41		.13	.54
20.	5'	12.19	0.5	.51	12.70
21.	5'	3.72	0.1	.13	3.85
22	4.8'	5.37	0.2	.40	5.77
23	2.2'	1.45	0.06	.30	1.75
24.	3.7'	.62		.19	.81
25	2.7'	3.51	0.1	.27	3.78
26.	2.6'	2.27	0.1	.67	2.94
27.	4.0'	6.82	0.3	.13	6.95
28.	4.8'	2.07	0.1	.30	2.30
29.	3.2'	1.24		.22	1.44
30	2.9'	0.02		.24	.24
31.	1"	11.20	0.4	.38	11.58
32	2"	55.40	2.1	10.58	65.98
33.		2.07	0.1	.84	2.91
34.	1"	71.52	2.7	3.75	75.27
35.	1"	37.20	1.4	4.48	41.68
36.		5.58	0.2	2.75	8.33
37.		22.74	0.9	11.80	34.54
38.		3.10	0.1	.78	3.88
39.	3'	7.85	0.3	.37	8.22
40.	5'	1.03		.13	1.16.

478250 E

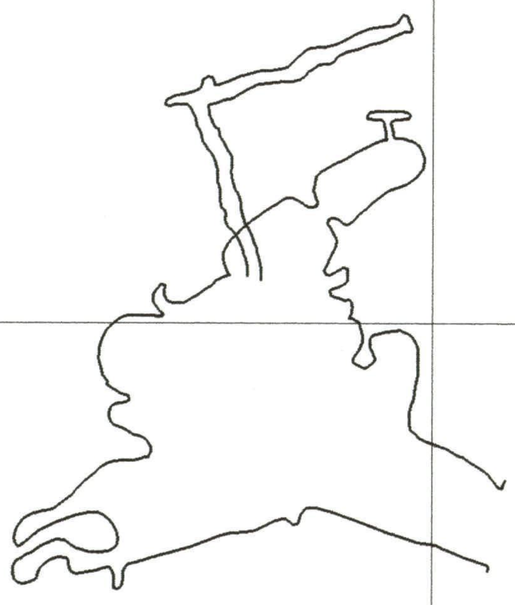
478500 E

478750 E

2207750 N

2207500 N

2207250 N



1" = 100'

Outline of Low & Dreamland Stope

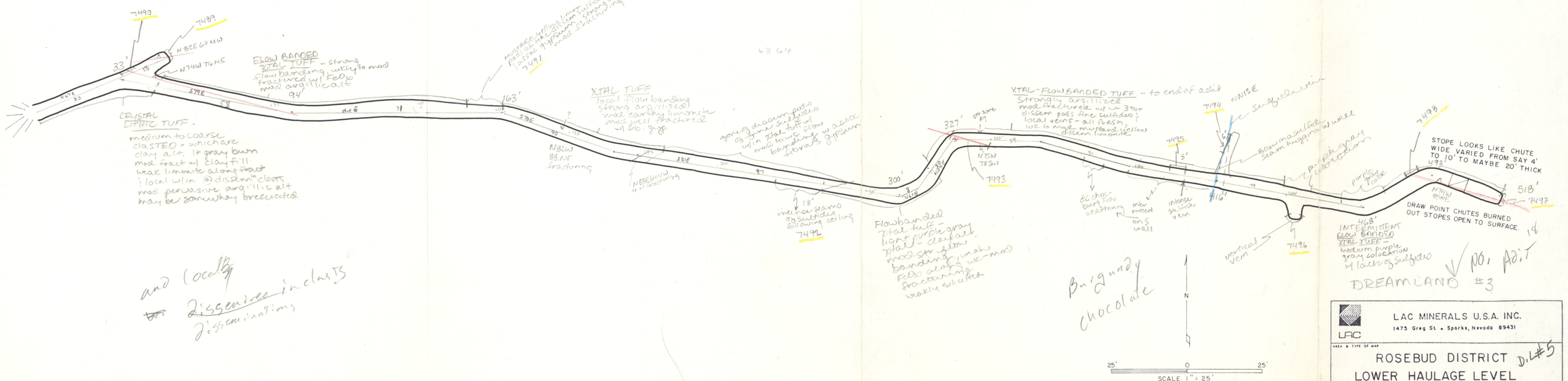
478250 E

478500 E

478750 E

dreamlab.pf

SURPAC2000 - SURPAC Software International



and (locally) ~~but~~ disseminations in clasts

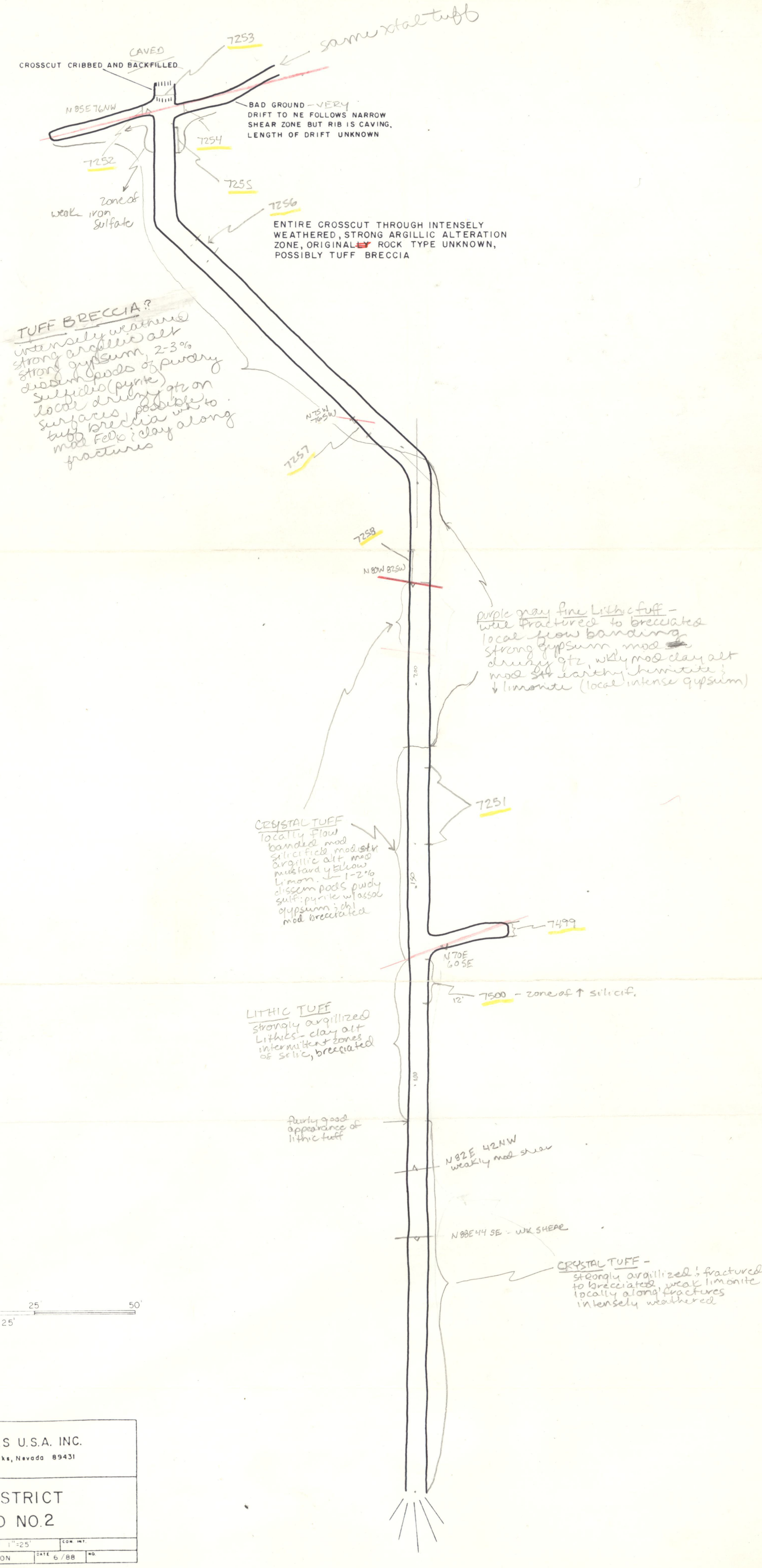
DREAMLAND #3

NO. ADIT

LAC MINERALS U.S.A. INC.
1475 Greg St. • Sparks, Nevada 89431

AREA & TYPE OF MAP
ROSEBUD DISTRICT D.L#5
LOWER HAULAGE LEVEL

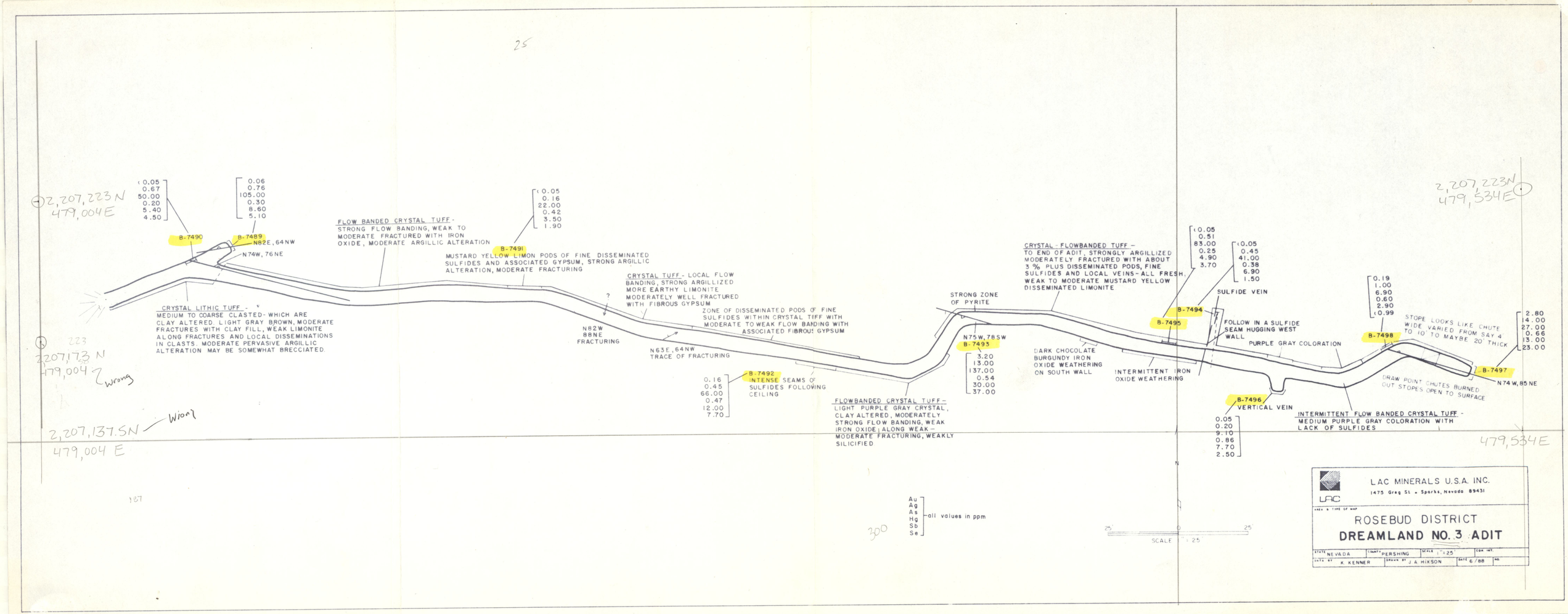
STATE NEVADA	COUNTY PERSHING	SCALE 1"=25'	CON. INT.
DATA BY K. KENNER	DRAWN BY J.A. HIXSON	DATE 6/88	NO.



LAC MINERALS U.S.A. INC.
1475 Greg St. • Sparks, Nevada 89431

AREA & TYPE OF MAP
ROSEBUD DISTRICT
DREAMLAND NO. 2

STATE	COUNTY	SCALE	CON. INT.
NEVADA	PERSHING	1"=25'	
DATA BY	DRAWN BY	DATE	NO.
K. KENNER	J. A. HIXSON	6/88	


2,207,223 N
479,004 E
B-7490
B-7489
N82E, 64NW
N74W, 76NE
CRYSTAL LITHIC TUFF -
MEDIUM TO COARSE CLASTED- WHICH ARE CLAY ALTERED, LIGHT GRAY BROWN, MODERATE FRACTURES WITH CLAY FILL, WEAK LIMONITE ALONG FRACTURES AND LOCAL DISSEMINATIONS IN CLASTS. MODERATE PERVASIVE ARGILLIC ALTERATION MAY BE SOMEWHAT BRECCIATED.
FLOW BANDED CRYSTAL TUFF -
STRONG FLOW BANDING, WEAK TO MODERATE FRACTURED WITH IRON OXIDE, MODERATE ARGILLIC ALTERATION
B-7491
MUSTARD YELLOW LIMON PODS OF FINE DISSEMINATED SULFIDES AND ASSOCIATED GYPSUM, STRONG ARGILLIC ALTERATION, MODERATE FRACTURING
CRYSTAL TUFF - LOCAL FLOW BANDING, STRONG ARGILLIZED MORE EARTHY LIMONITE MODERATELY WELL FRACTURED WITH FIBROUS GYPSUM
ZONE OF DISSEMINATED PODS OF FINE SULFIDES WITHIN CRYSTAL TIFF WITH MODERATE TO WEAK FLOW BANDING WITH ASSOCIATED FIBROUS GYPSUM
N82W 88NE FRACTURING
N63E, 64NW TRACE OF FRACTURING
B-7492
INTENSE SEAMS OF SULFIDES FOLLOWING CEILING
FLOWBANDED CRYSTAL TUFF -
LIGHT PURPLE GRAY CRYSTAL, CLAY ALTERED, MODERATELY STRONG FLOW BANDING, WEAK IRON OXIDE ALONG WEAK - MODERATE FRACTURING, WEAKLY SILICIFIED
STRONG ZONE OF PYRITE
N75W, 78SW
B-7493
CRYSTAL - FLOWBANDED TUFF -
TO END OF ADIT, STRONGLY ARGILLIZED MODERATELY FRACTURED WITH ABOUT 3% PLUS DISSEMINATED PODS, FINE SULFIDES AND LOCAL VEINS - ALL FRESH, WEAK TO MODERATE MUSTARD YELLOW DISSEMINATED LIMONITE
DARK CHOCOLATE BURGUNDY IRON OXIDE WEATHERING ON SOUTH WALL
B-7494
B-7495
SULFIDE VEIN
FOLLOW IN A SULFIDE SEAM HUGGING WEST WALL
INTERMITTENT IRON OXIDE WEATHERING
PURPLE GRAY COLORATION
B-7498
STOPE LOOKS LIKE CHUTE WIDE VARIED FROM SAY 4 TO 10' TO MAYBE 20' THICK
B-7497
N74W, 85NE
DRAW POINT CHUTES BURNED OUT STOPES OPEN TO SURFACE
B-7496
VERTICAL VEIN
INTERMITTENT FLOW BANDED CRYSTAL TUFF -
MEDIUM PURPLE GRAY COLORATION WITH LACK OF SULFIDES
2,207,223N
479,534E
479,534E
Au
Ag
As
Hg
Sb
Se
all values in ppm
25' 0 25'
SCALE 1" = 25'
LAC MINERALS U.S.A. INC.
1475 Greg St. • Sparks, Nevada 89431
ROSEBUD DISTRICT
DREAMLAND NO. 3 ADIT
STATE NEVADA
COUNTY PERSHING
SCALE 1" = 25'
DATE 6/88
DATA BY K. KENNER
DRAWN BY J. A. HIXSON

Dreamland
ADIT #1
Rosebud
6-25-88
REB, KLK
1"=25'

7457

N72E 64 NW

7456

MAJOR SHEAR

108'

108' N 8 E

7455 - 14' CONT. CHIP
zone of mod. pyritic sulfides

xtal to lithic flow banded tuff

FLOW BANDED XTAL to± LITHIC TUFF w/ pods of fine pyrite

LITHIC TUFF - STR ARGILLIC strongly fractured w/ Fe ox fill

LITHIC TUFF - strongly argillic moderately fractured w/ minor FeOx

N15E 74SE

7454

¼-10" wide, pinches out

1"→8" wide

N6E

small shear - brecciated mod well open spaced silicification, strong FeOx @ selvages, ilmenite

Xtal FLOW BANDED Rhyolitic tuff

strongly to mod flow banded wk to mod fractured w/ wk FeOx

flow banded tuff

N4E

7453

small vertical shear zone noted by ↑ FeOx ~8" wide

↑ FeOx on fract.

purple gray

Lithic Tuff

strong pyritic alteration mod. fracturing w/ wk to mod. FeOx
few local clast? alt. clasts
few seams of silicif.

S42'E

292'

7451

Lithic Tuff -
coarse tuff clasts, mod well silicified
strong clay alt
well fractured
mod FeOx

N85E 80 SE
minor shear

7452 - part of shear

(189)

297'

N68E 80 SE

LITHIC TUFF - coarse CLASTED, mod strong argillic alt.

S42E

N72E vert
2-2' wide

331'

N78E 54SE
weak fault plane
noted by mod well silic
xtal to flow banded
LITHIC TUFF

7450

G7449

108' at N86E

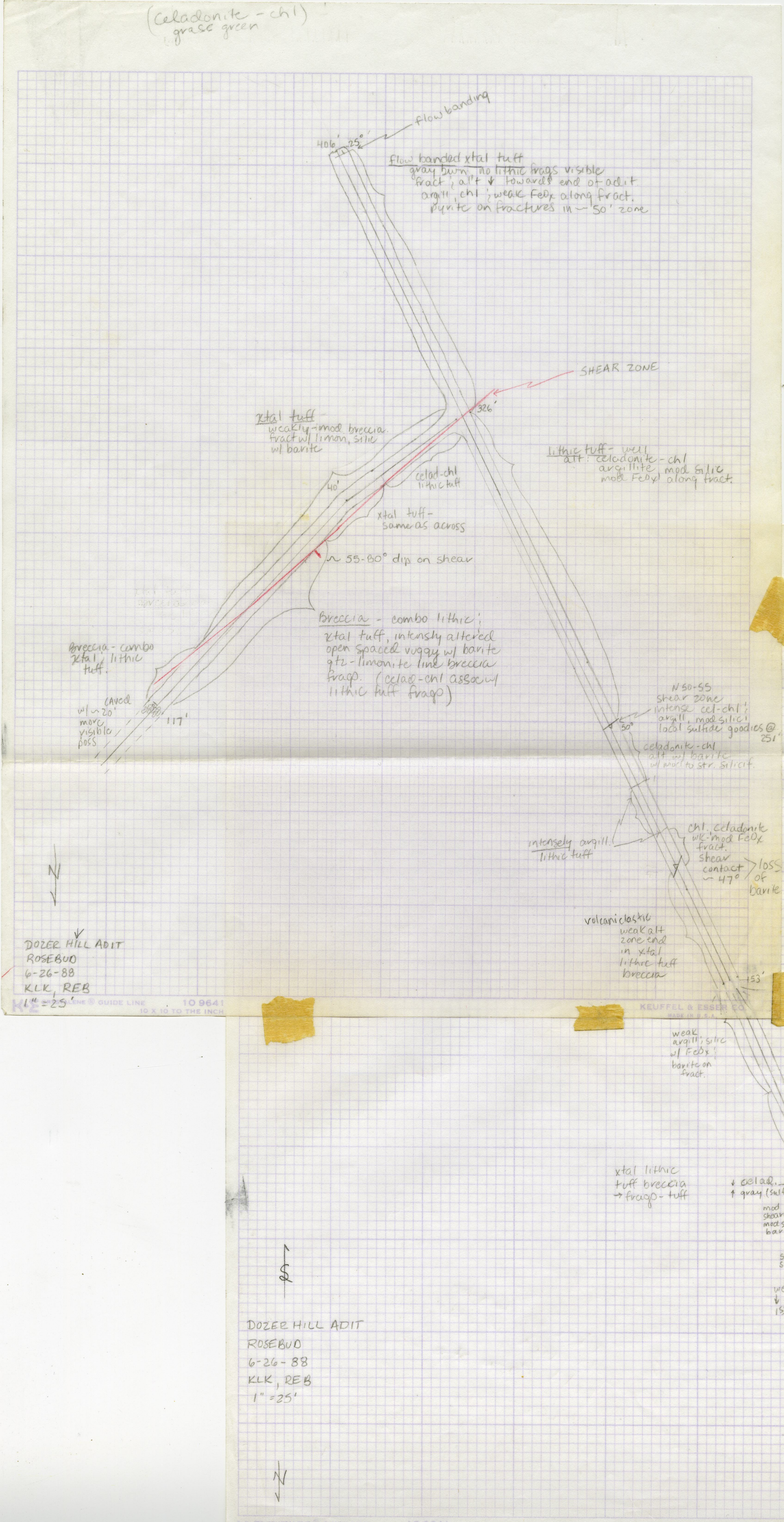
223' at S42E

sideshoot at (189) at N4E extends 47'

30
40
65

KEUFFEL & ESSER CO.
10 X 10 TO THE INCH
10 9641
CONTINENTAL GUIDE LINE

(celadonite - chl)
grass green



6256 - 4.5' zone of pure intense celad-chl clay gouge across back face of adit

6257 - continuous channel across 9' zone of Δ lithic tuff w/ strong celad-chl clay gouge, str argillic alt mod str limon/hemit along fractures; local boudins of mod silicified lithic tuff.

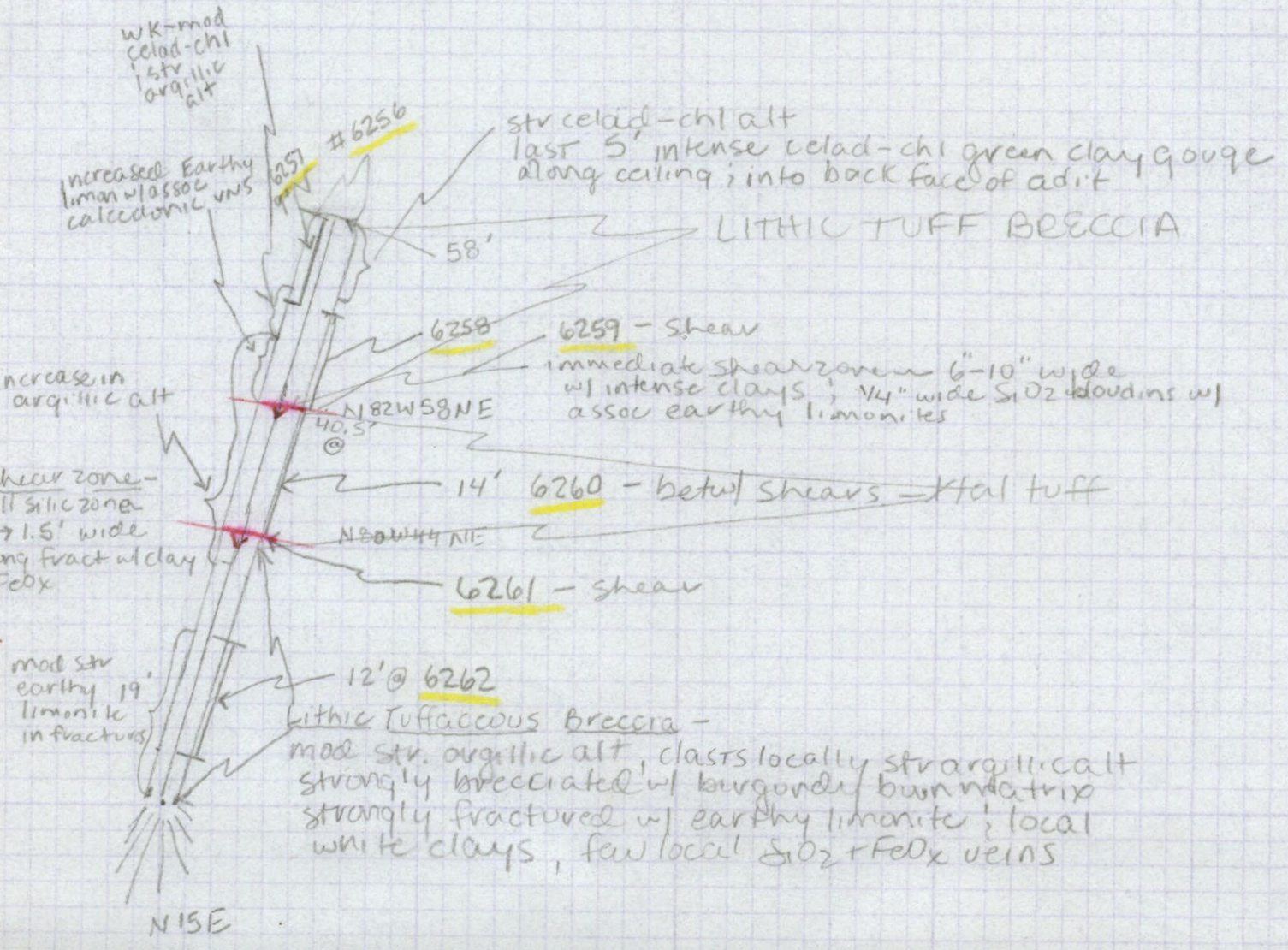
6258 - Lithic tuff - w/in shear zone 9' continuous chip across strong argillicly alt wk to mod celad-chl alt strongly shear w/ mod linears of earthy limonite; hemitite; local zones white clay approaching shear plane

6259 - immediate shear - 6" → 10" wide sampled across and along shear plane along walls of both sides; ceilings, mod to strong silicification w/ assoc strong limonite; locally weak hemitite both predom earthy on w wall strong white clays w/ FeOx veins

6260 - 14' continuous chip betw/ shears; w/in zone of shearing, very str argillic alt of crystal tuff, white to buff colored w/ prominent xtal tuff clasts, strongly fract; sheared - local boudins of silic w/ assoc str FeOx (earthy) predom limon; locally hemitite

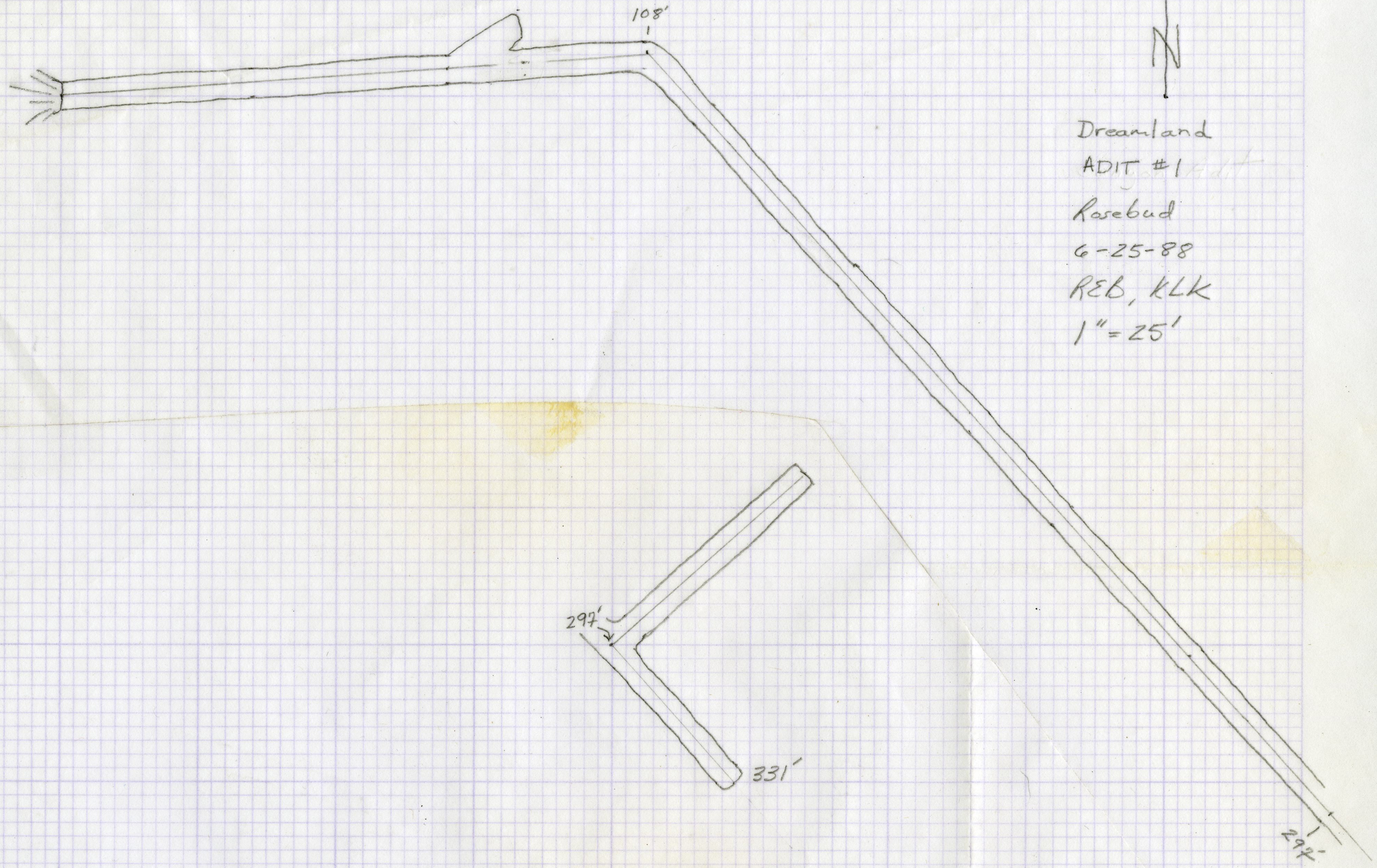
6261 - immediate shear w/in fine clasted lithic tuff, mod silicification strong earthy limonite; hemitite, local 6 to 8' wide silic zones w/ strong earthy FeOx filled vugs local strong limon/hemit clay gouge, weak celad-chl alt of silicified zones - locally

6262 - Brecciated Lithic Tuff - mod str argillically alt, strongly weathered well fractured w/ white clay fill clasts: bleached to hemitic to limonitic few local zone silicific + strong earthy hemit + limon matrix: burgundy burn to argillically alt



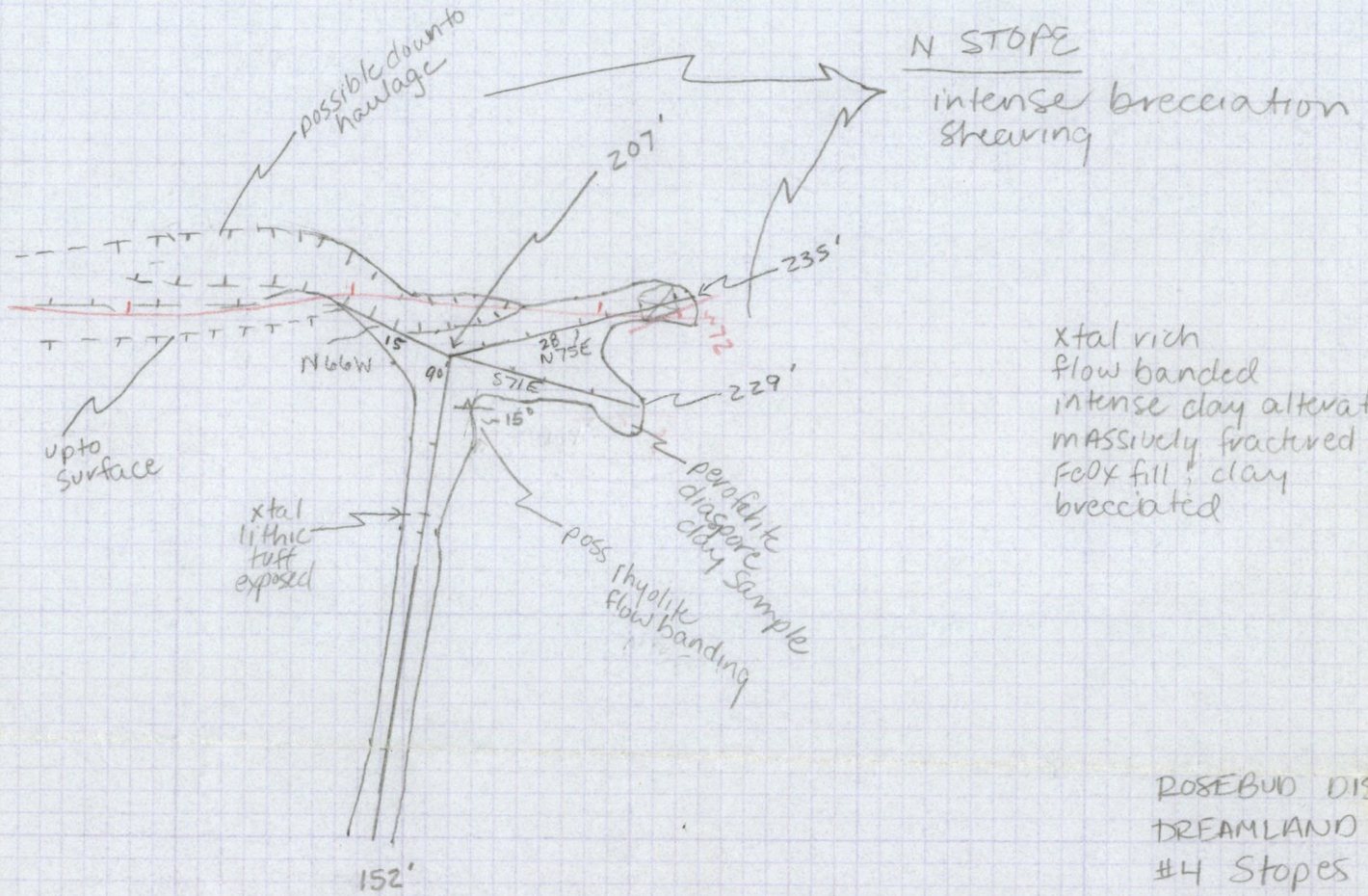
NO.

SOUTH Ridge Adit #5
KLK 8-18-88
(along fault structure)



Dreamland
ADIT #1
Rosebud
6-25-88
REB, KLK
1" = 25'

K+E CRYSTALENE GUIDE LINE 10 X 10 TO THE INCH 10 9641
KEUFFEL & ESSER CO. MADE IN U.S.A.



crystal

xtal rich
flow banded
intense clay alteration
massively fractured w/
FeOx fill & clay
brecciated

flowbanded lithic tuff

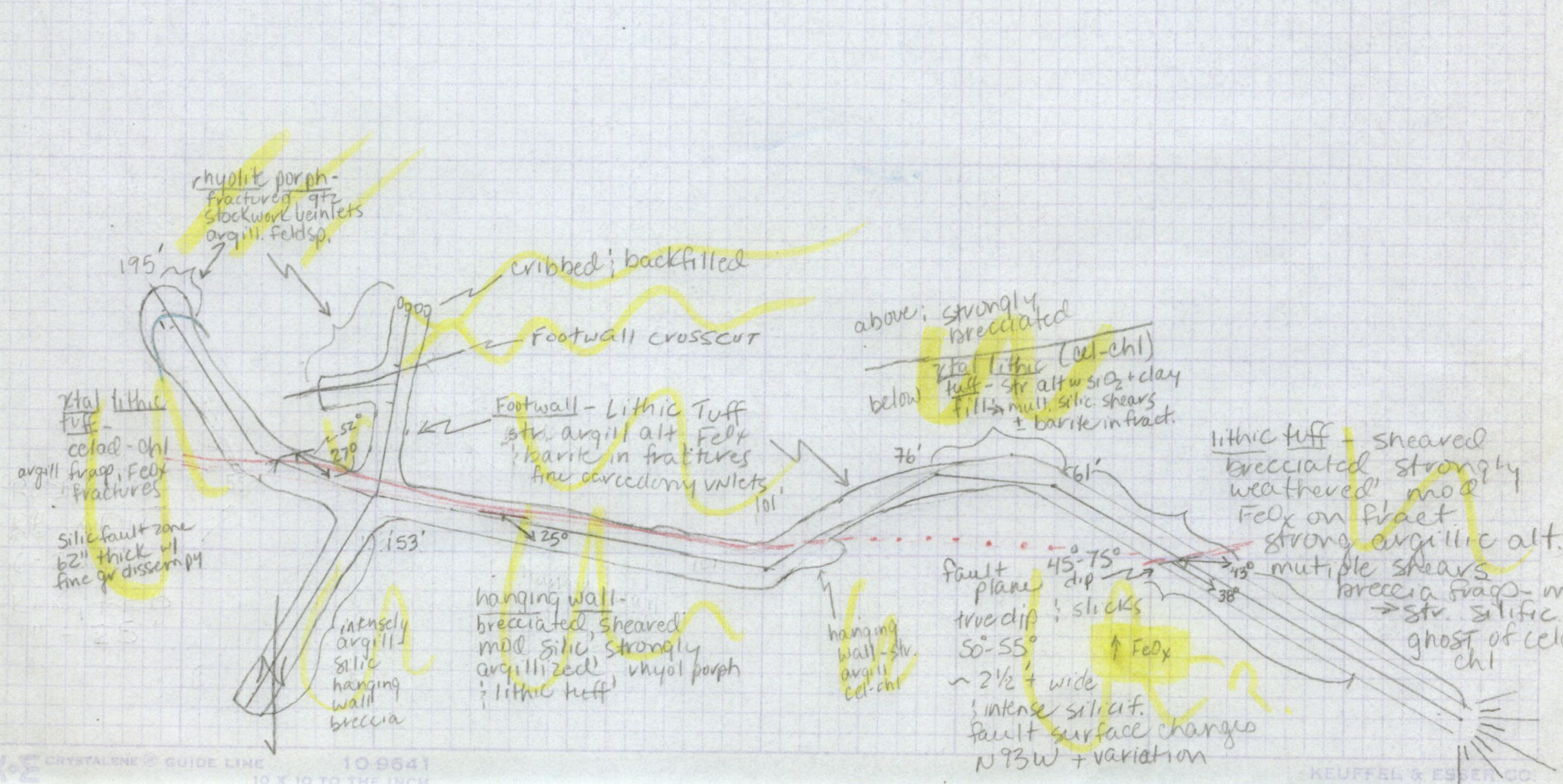
ROSEBUD DISTRICT
DREAMLAND
#4 Stopes
6-27-88
KLK - REB

N

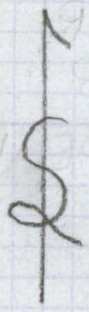
ROSEBUD DISTRICT
6-26-88
KLK, REB
SOUTH RIDGE #4

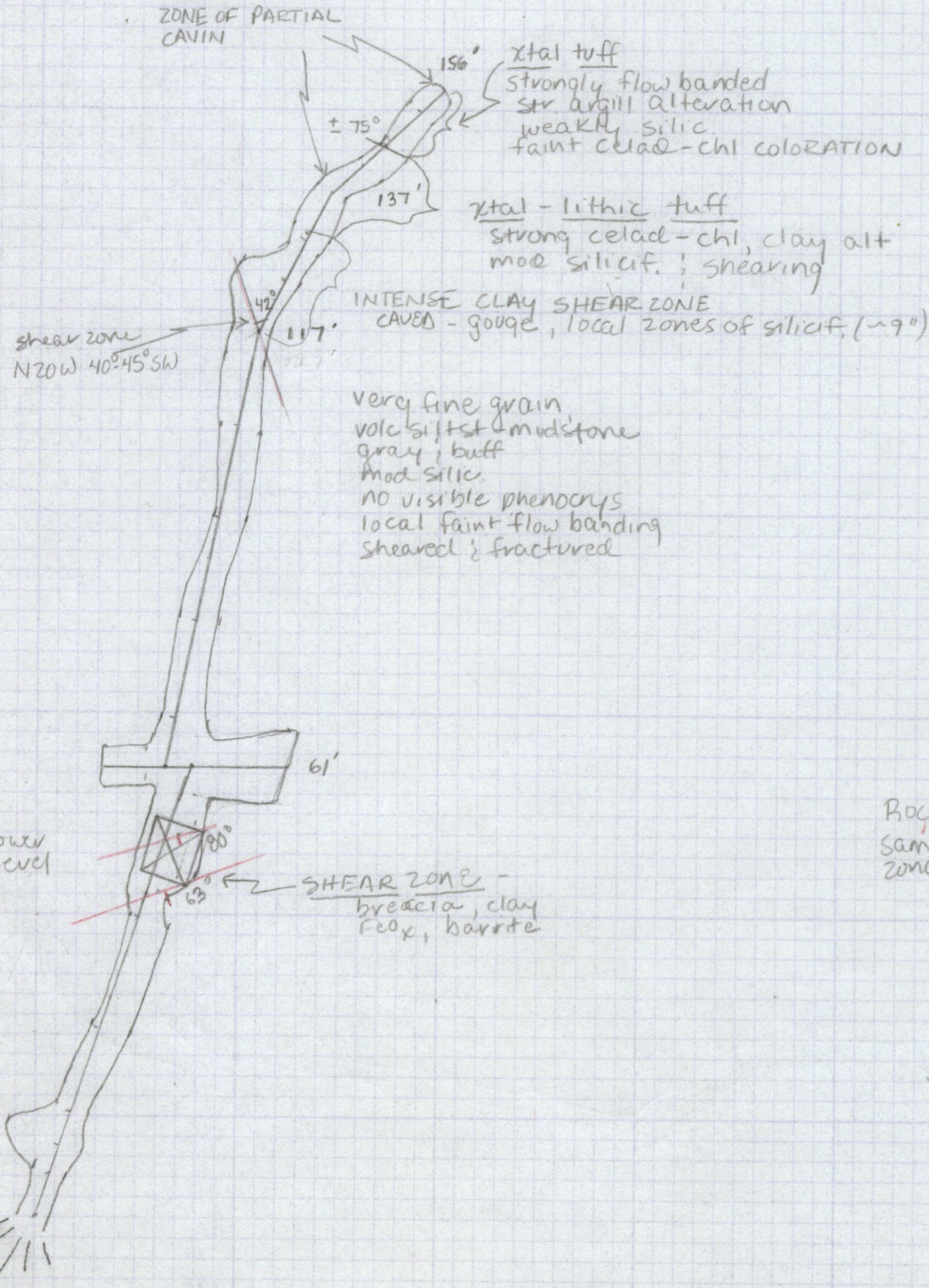
No 15

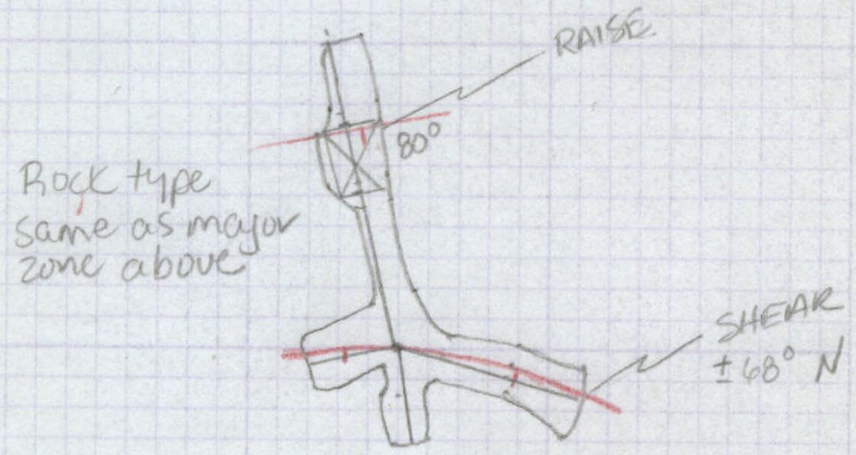
Leladonite
porphyry



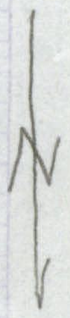
ROSEBUD
SOUTHRIDGE #2 ADIT
6-26-88
KLK, REB







SOUTH RIDGE ADIT #2
20' BELOW
UPPER ADIT



Canyon Adit pg. 2

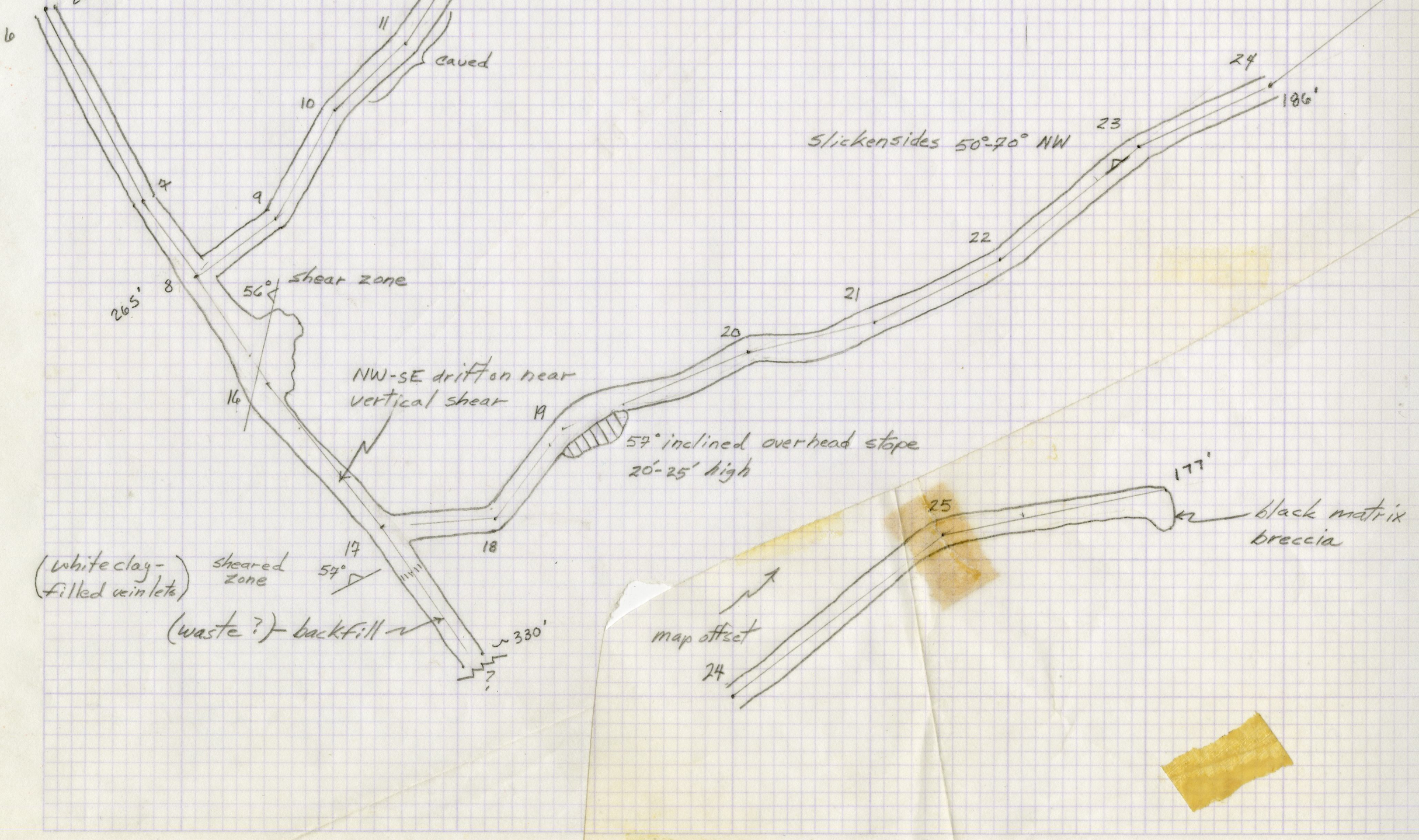
1" = 25'

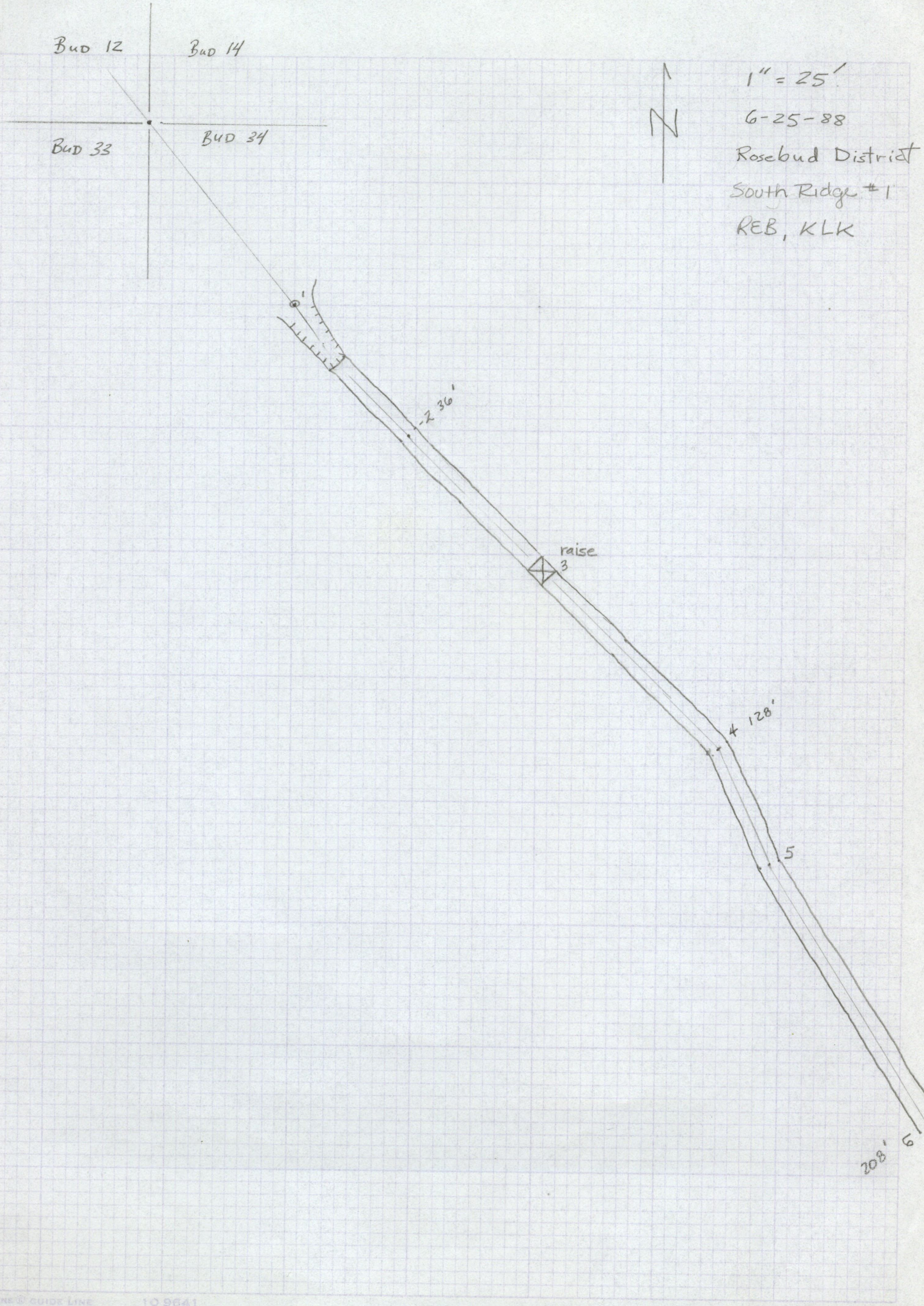
6-25-88

Rosebud

South Ridge #1

REB, KLK





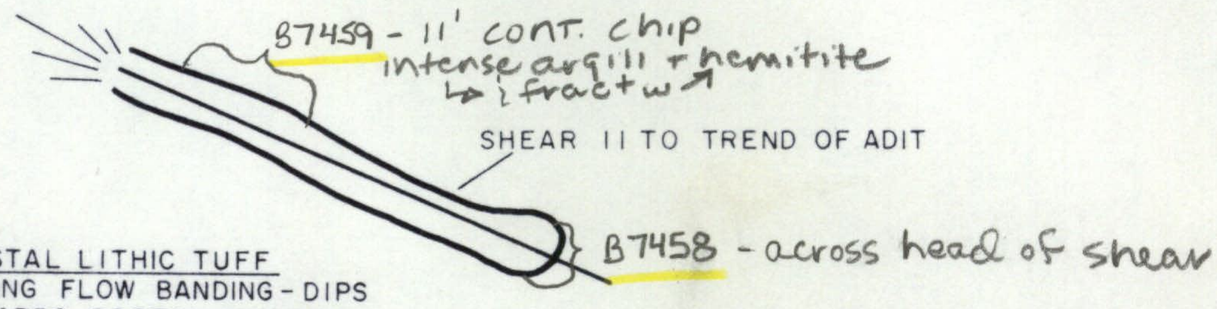
1" = 25'

6-25-88

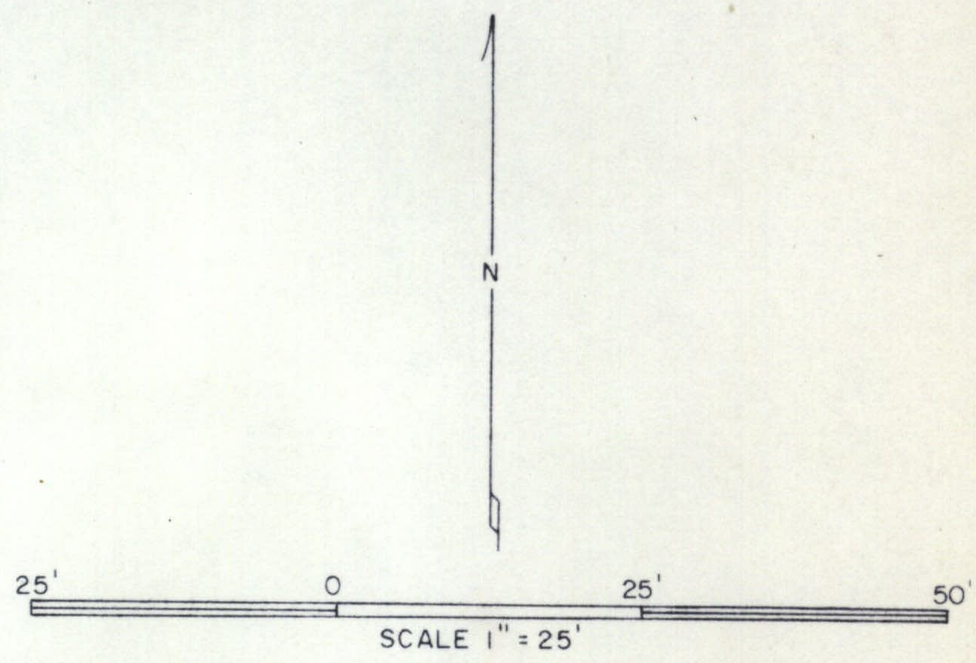
Rosebud District

South Ridge #1

REB, KLK



CRYSTAL LITHIC TUFF
STRONG FLOW BANDING - DIPS TOWARDS PORTAL, STRONG ARGILLIC ALTERATION TO ADIT ~35', SHEARS - STEEPLY DIPPING NORTH TO VERTICAL, LOCAL SWELLING PINCHING CHALCEDONY VEINLETS FRACTURE CONTROLLED.



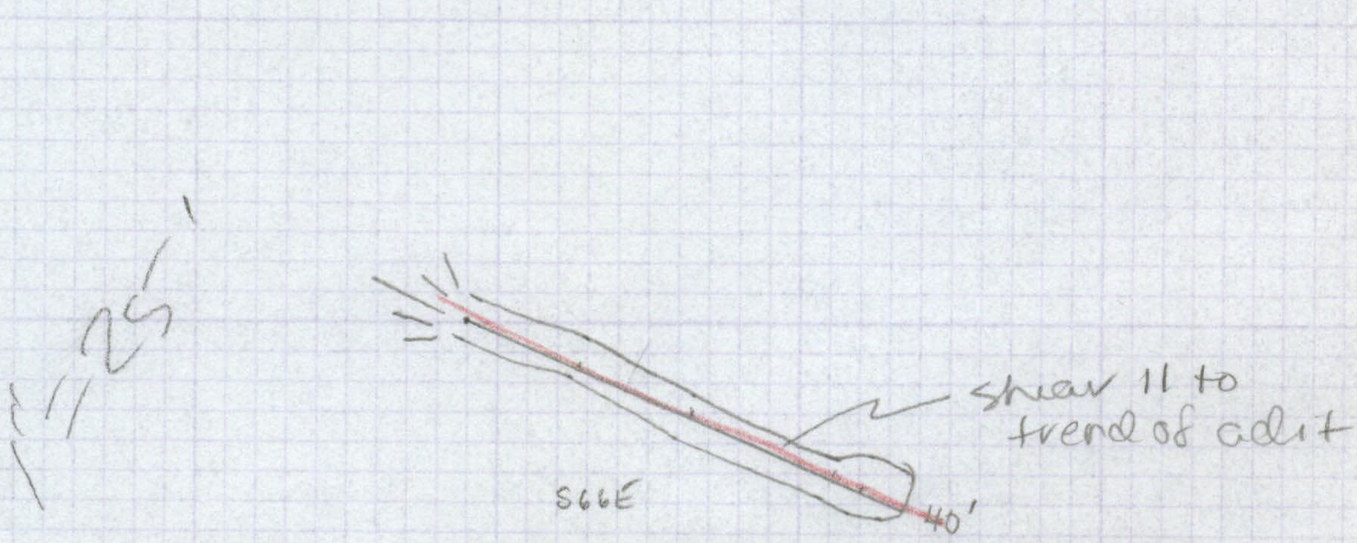
LAC MINERALS U.S.A. INC.
1475 Greg St. • Sparks, Nevada 89431

AREA & TYPE OF MAP
ROSEBUD DISTRICT
DREAMLAND NO. ~~5~~ 3

STATE	COUNTY	SCALE	CON. INT.
NEVADA	PERSHING	1"=25'	

DATA BY	DRAWN BY	DATE	NO.
K. KENNER	J.A. HIXSON	6/88	

Portal of Spar 15

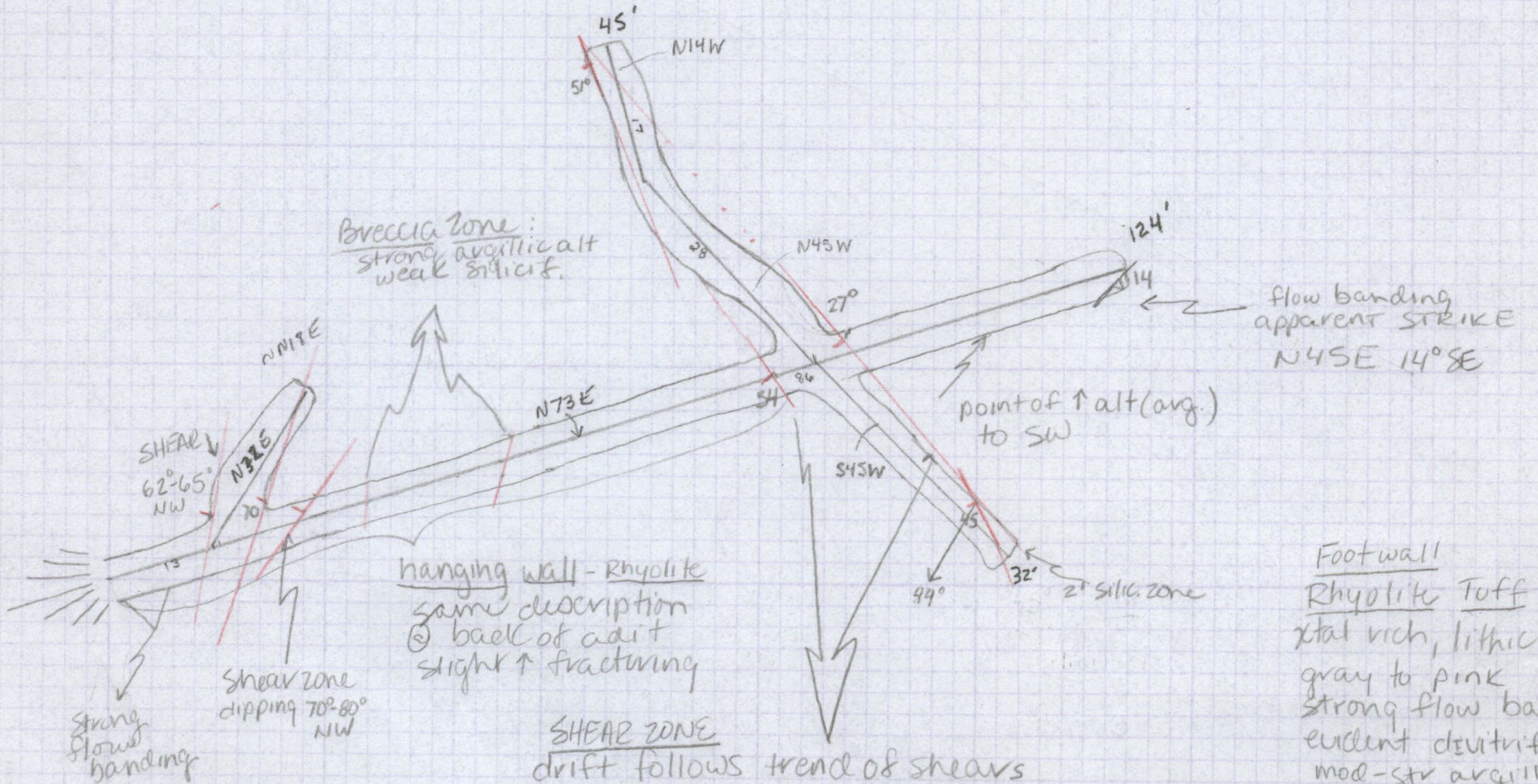


Xtal lithic tuff
strong flow banding - dips towards portal ⊥ to adit ~ 35°
str. argillic alt.
shears - steeply dipping N to vertical
local swelling, pinching
chalcedony veinlets
fracture controlled

16

ROSEBUD DISTRICT
DREAMLAND #3
6-27-88
KLK, REB

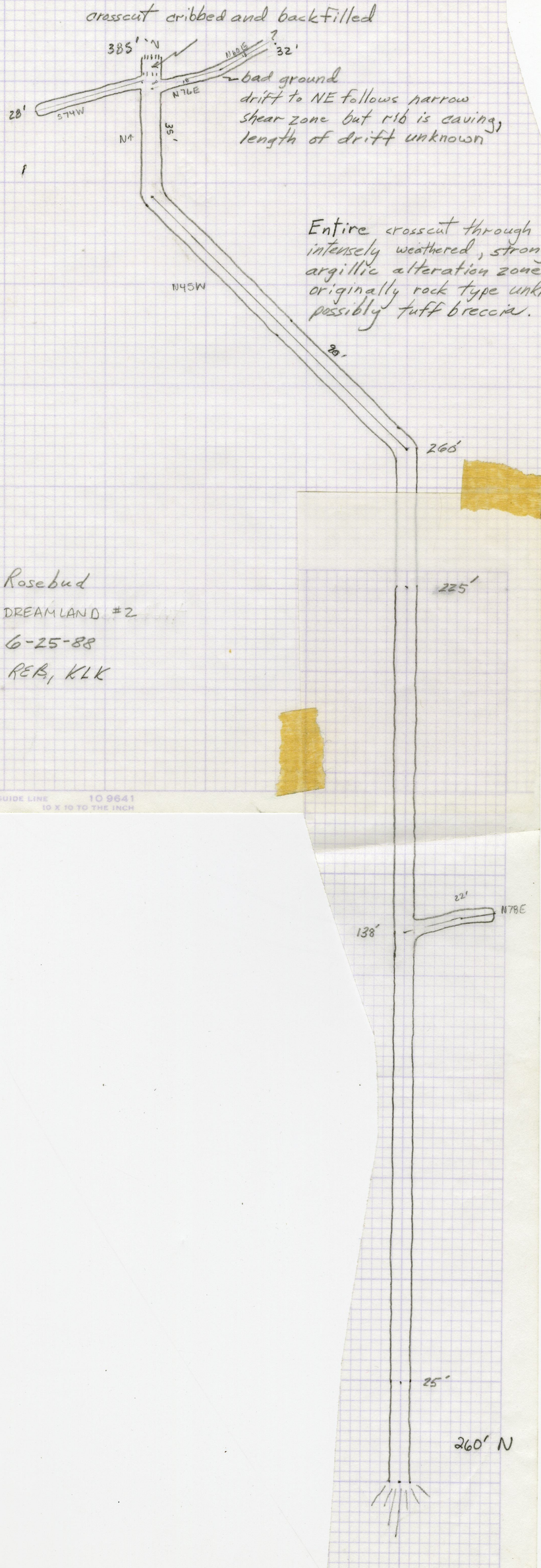
CRYSTALENE® GUIDE LINE 10 9641
10 X 10 TO THE INCH
KEUFFEL & ESSER CO.



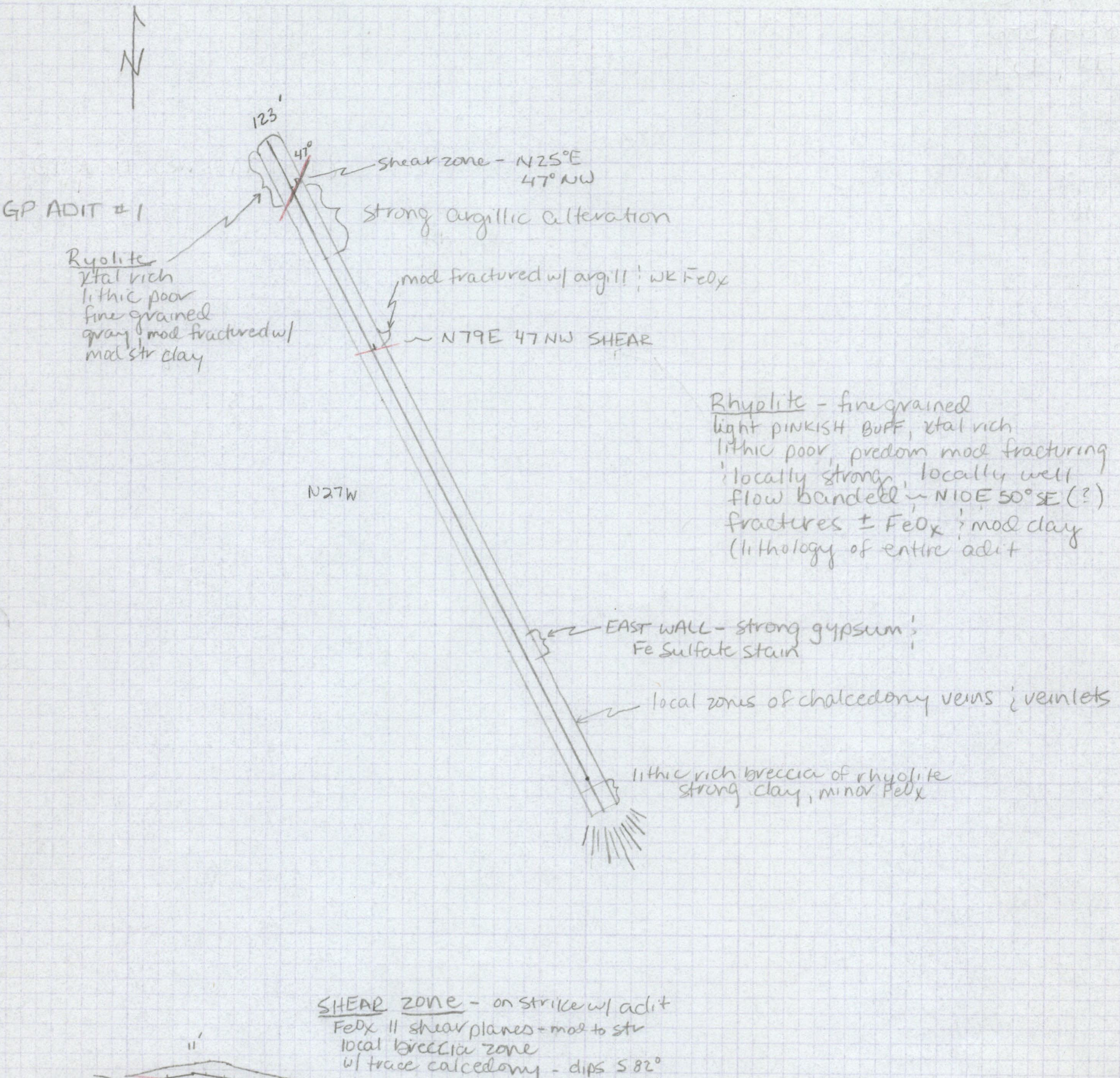
ROSEBUD DISTRICT
GP #2 ADIT
No. 1
6-27-88
KLK, REB

N

CRYSTALENE ® GUIDE LINE 10 9641 KEUFFEL & ESSER CO.



K&E CRYSTALENE® GUIDE LINE 10 9641
10 X 10 TO THE INCH
KEUFFEL & ESSER CO.
MADE IN U.S.A.



~ 2 samples
shear zone
; wall rock

ROSEBUD DISTRICT
S Ridge #3 Adit
6-27-88
KLK - REB

20

No. 3 Adit

South Ridge

Rosebud

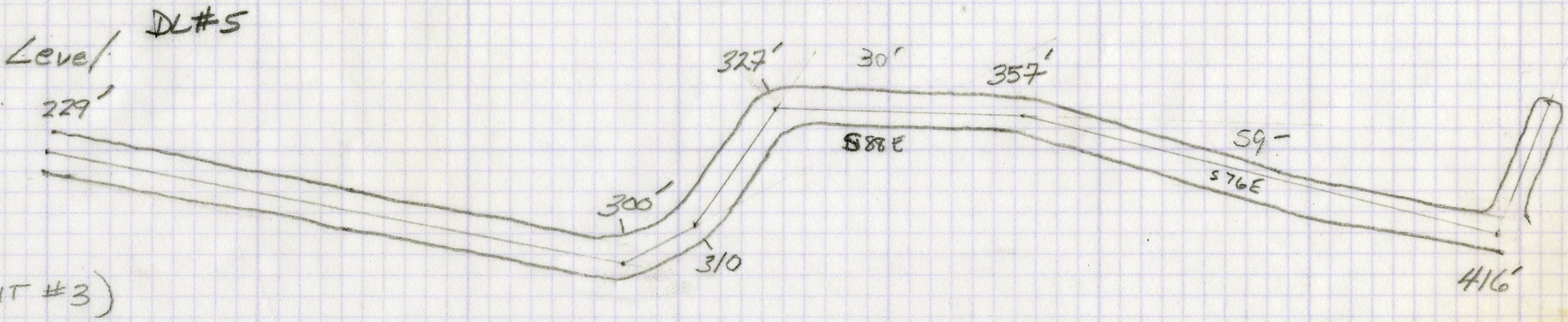
Lower Haulage Level

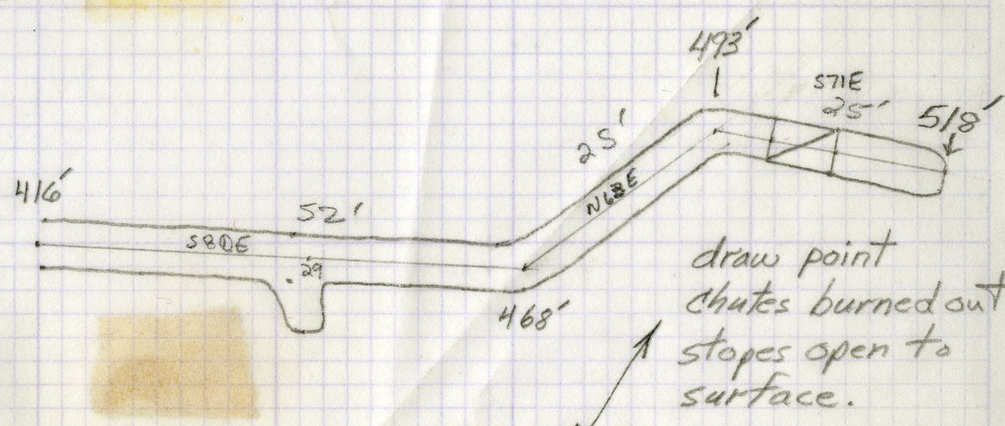
6-25-88

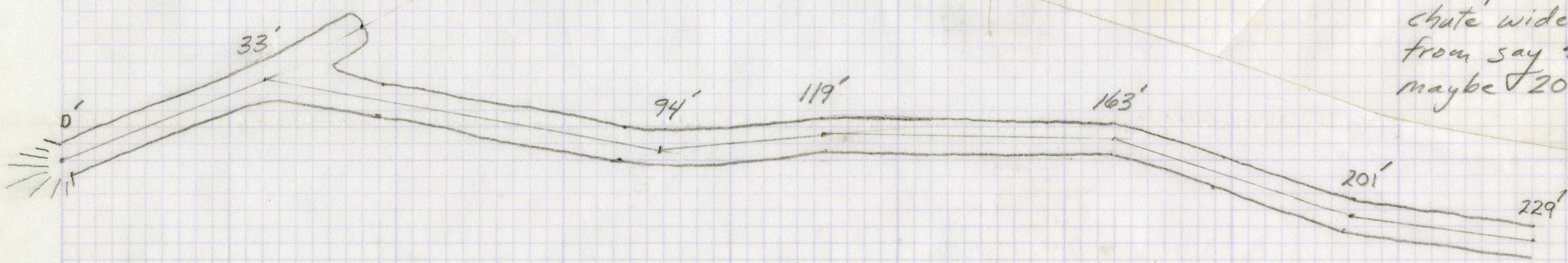
REB, KLK

1" = 25'

(DREAMLAND ADIT #3)





draw point chutes burned out stopes open to surface.

stope looks like chute wide varied from say 4' to 10' to maybe 20' thick.