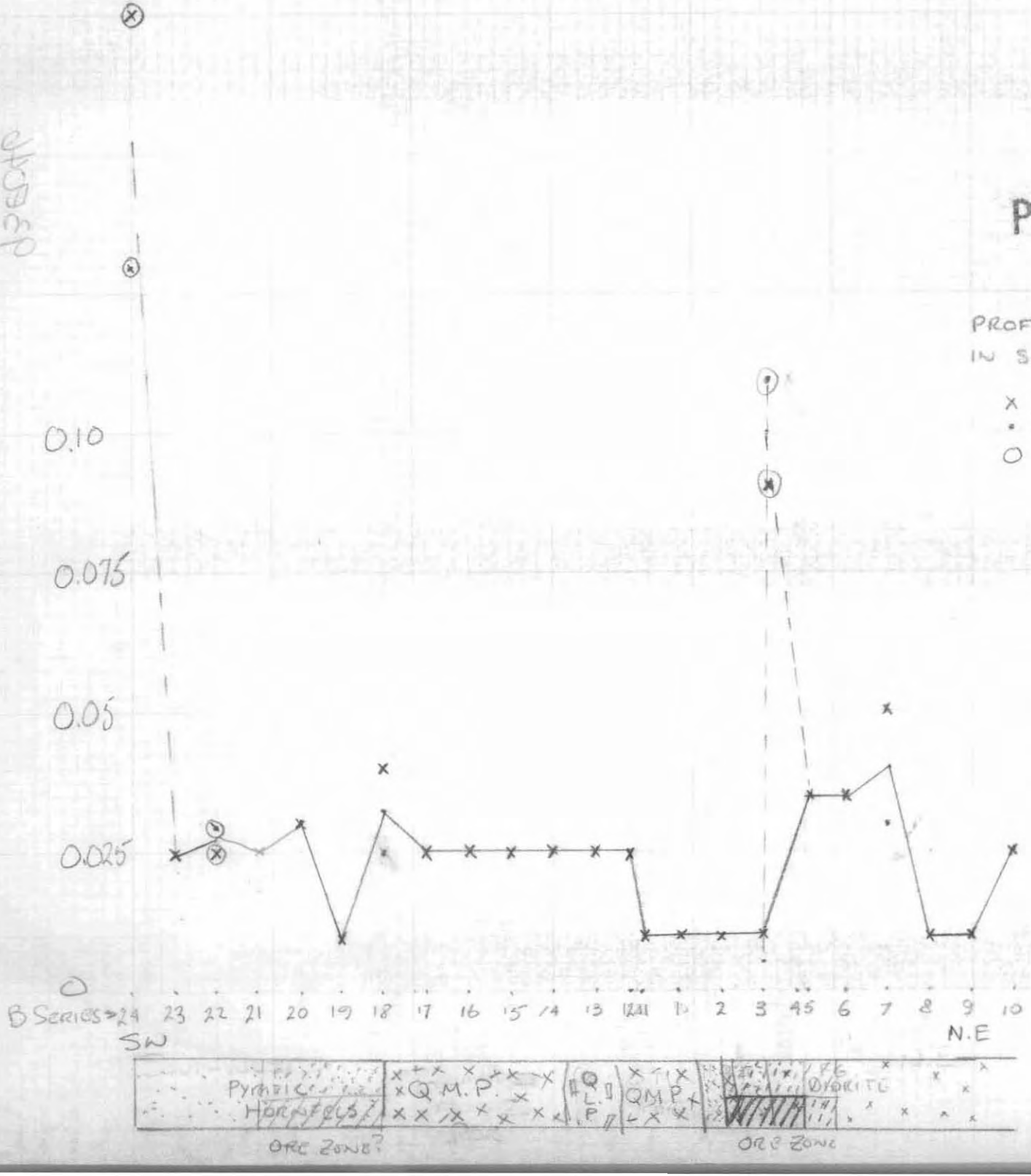
PROPERTY FILE

BERG

PROFILE SHOWING MERCURY IN SOILS ANALYSED BY LEMAIRE S.J.

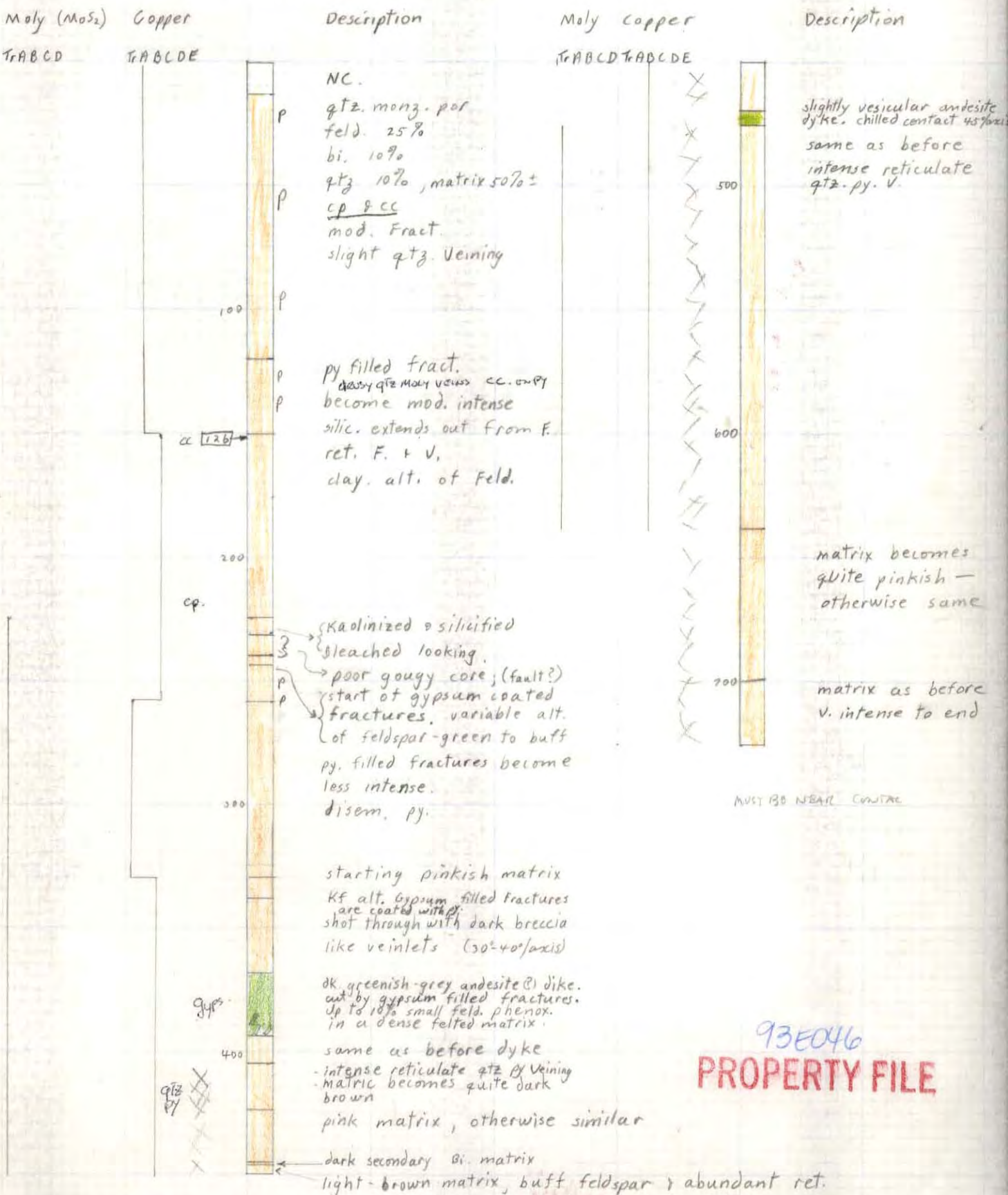
X 1st ANALYSIS.
• 2nd.
O ORGANIC & QUESTIONABLE



←1000→

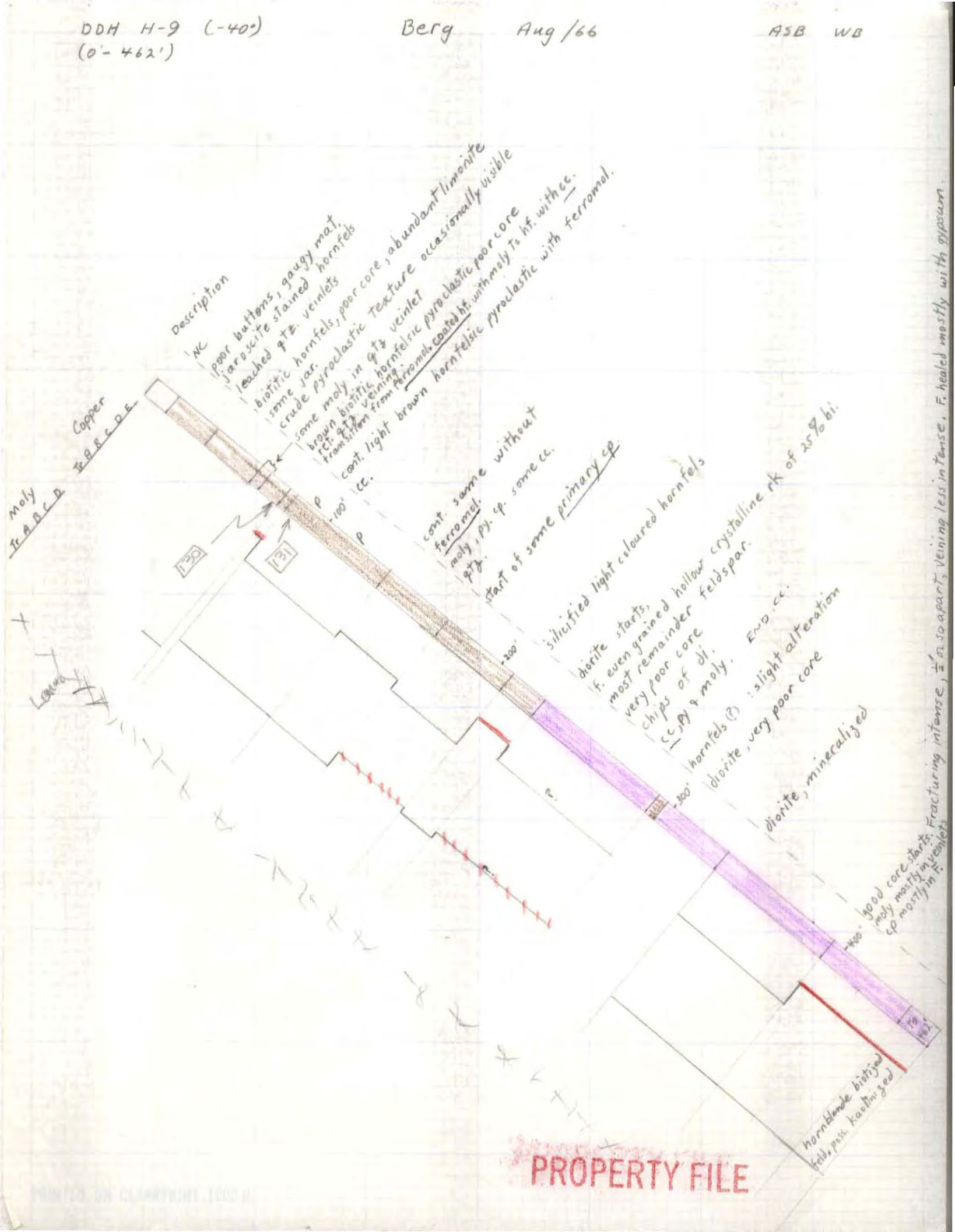
Berg aug./66 ASB WB

DDH A-B6
(- 45° W)



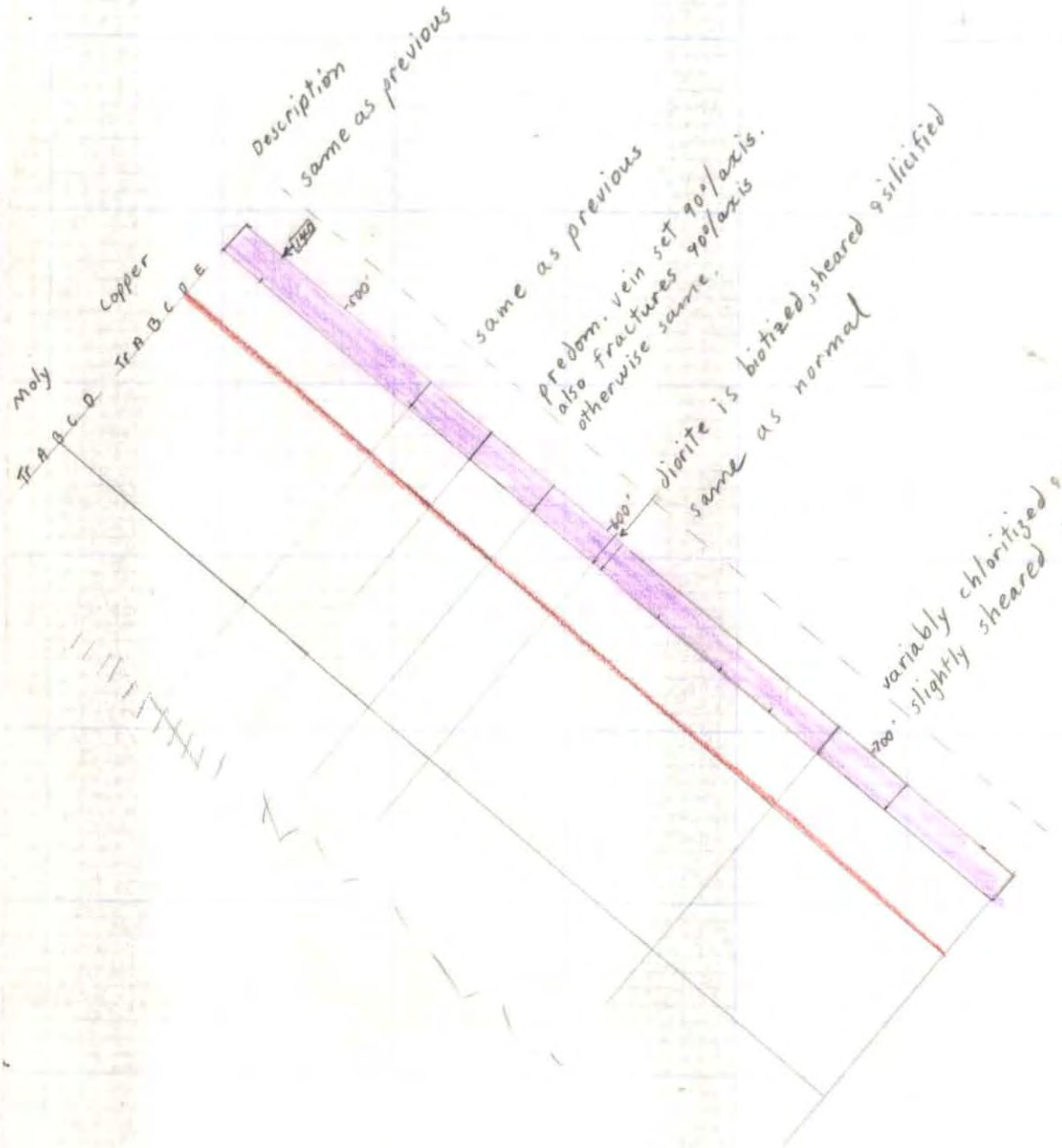
DDH H-9 (-40°)
(0'-462')

Berg Aug/66 ASB WB

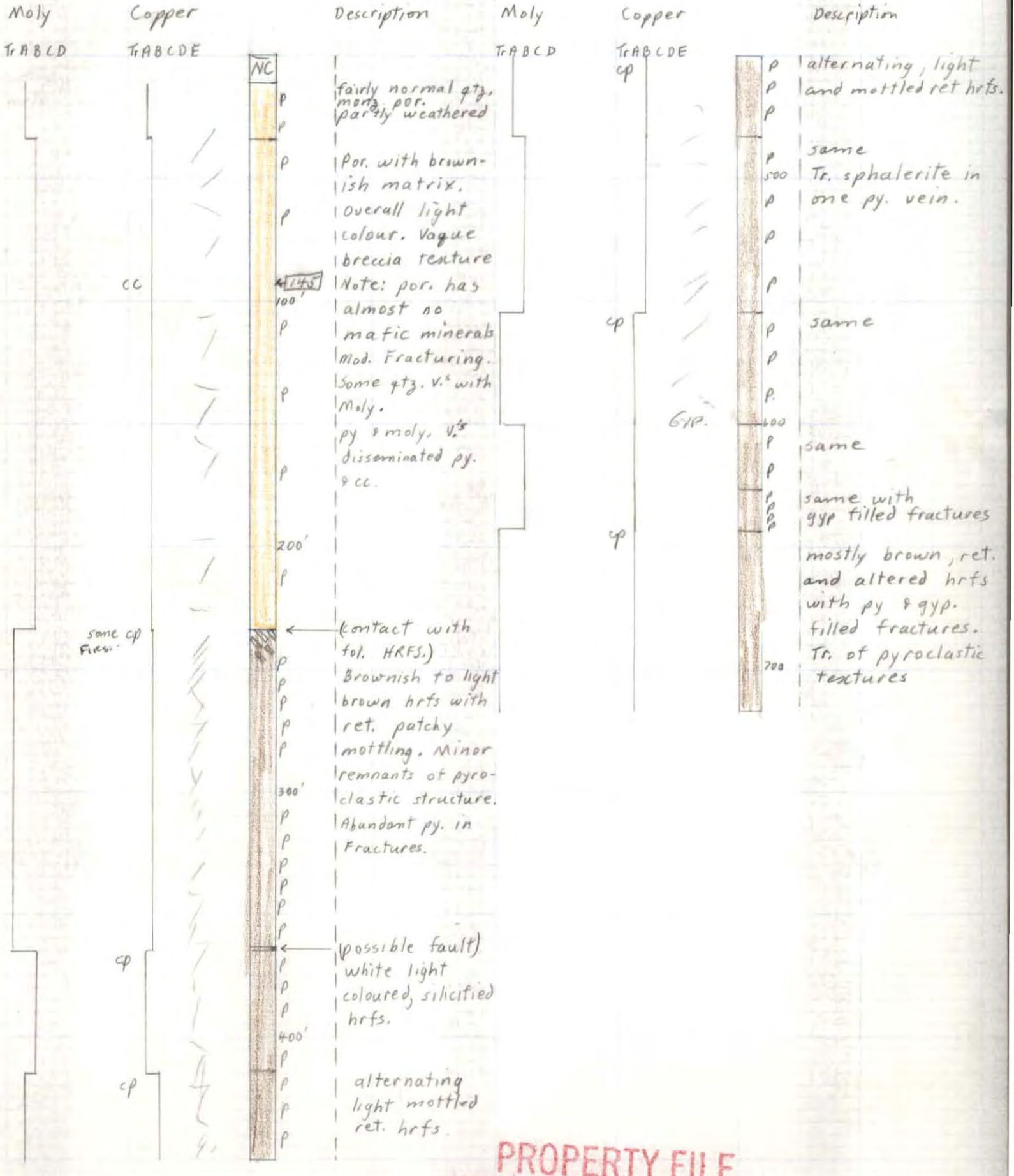


DDH H-9 (-40°)
(462' - 755' (end))

Berg Aug/66. ASB WB.



DDH B-13 (-45°)? Berg. Aug /66 ASB WB



DDH 14 -45°. Berg. Aug/66 ASB WB
(0 - 900')

Moly	Copper	Description
Tr A B C D	Tr A B C D E	

NC

hornfels
F & V.
rusty weathering
leached
grey andesite dyke; slightly por^sc & vesicular.
brownish-grey hrfs
rusty weathering
leached
partly kaolinized
100'

nil nil
nil nil
nil nil

same ferro mol. starting. otherwise same.
nil nil

ferromol. prom.
(end of intensive weathering & leaching)
(hrfs light brown, highly shattered unweathered py V. some cc.)
first Cu - cc.
first moly
200'
hrfs bleached, cc & f moly.
abund. qtz. veinlets silicified hrfs.
(dyke qtz. latite por.)
f. moly
& moly
f. moly
cc.
Q
silicified hrfs.
hrfs slightly kaolinized
solid vein of py & cc (poss. fault)
cc. 3% Cu.
cc.
much cc.
hrfs quite weathered poor core recovery
cc.
hrfs fairly fresh
300'
contact with qtz. monz. por.)
cc
qtz. monz. por. dyke
Tr. cc
hrfs
qtz. monz. por. dyke
cc.
brown hrfs quite highly veined
NC.
qtz. monz. por.
some inclusions of hrfs
minor veins with py.
Tr. cc
400
nil nil
dk. hrfs. abund. V. & shattered.
qtz. monz por.
hrfs
first cp.
450

Moly	Copper	Description
Tr A B C D	Tr A B C D E	

hrfs, dk. grey
V. with py. & shattered
gypsum & qtz.
core broken up.
500
(pyroclastic text. in hrfs are evident. dk hrfs.)
Gyp
dark hrfs
gypsum important.
p pyroclastic textures in dk. hrfs.
p gypsum important
dark hrfs
gypsum
141
600
(sphalerite, galena, py. qtz. gyp. vein.)
(dark grey hrfs. mod. shattered & V. with gyp. & py.)
Q
(dk. grey hrfs. qtz. V.^s)
Cp
B-
p same
p hrfs becomes silicified
(skarny, light greeny-grey, mottled; pyroclastic hrfs, with faulted vein breccia cemented from (676-678) in which there is a vein of cc. & cp. pyroclastic, lipilly text. fol. // to hole.
cp.
700 fairly normal hrfs.
p minor qtz. & gyp. shattered and veined
NC
skarny hrfs.
nil
grey andesite dyke
fault gauge
skarny hrfs.
nil
grey andesite dyke
(moly V. cut by py V. cut by gyp V.)
skarny hrfs
800
intensely shattered
skarny hrfs
patchy light brown & light green ret. alt.
kaoline, chlorite (?)
altern. fairly normal hrfs & clay chlorite alt. hrfs.
pyroclastic text. apparent in part.
normal dk. grey py^tic hrfs to 932'
900

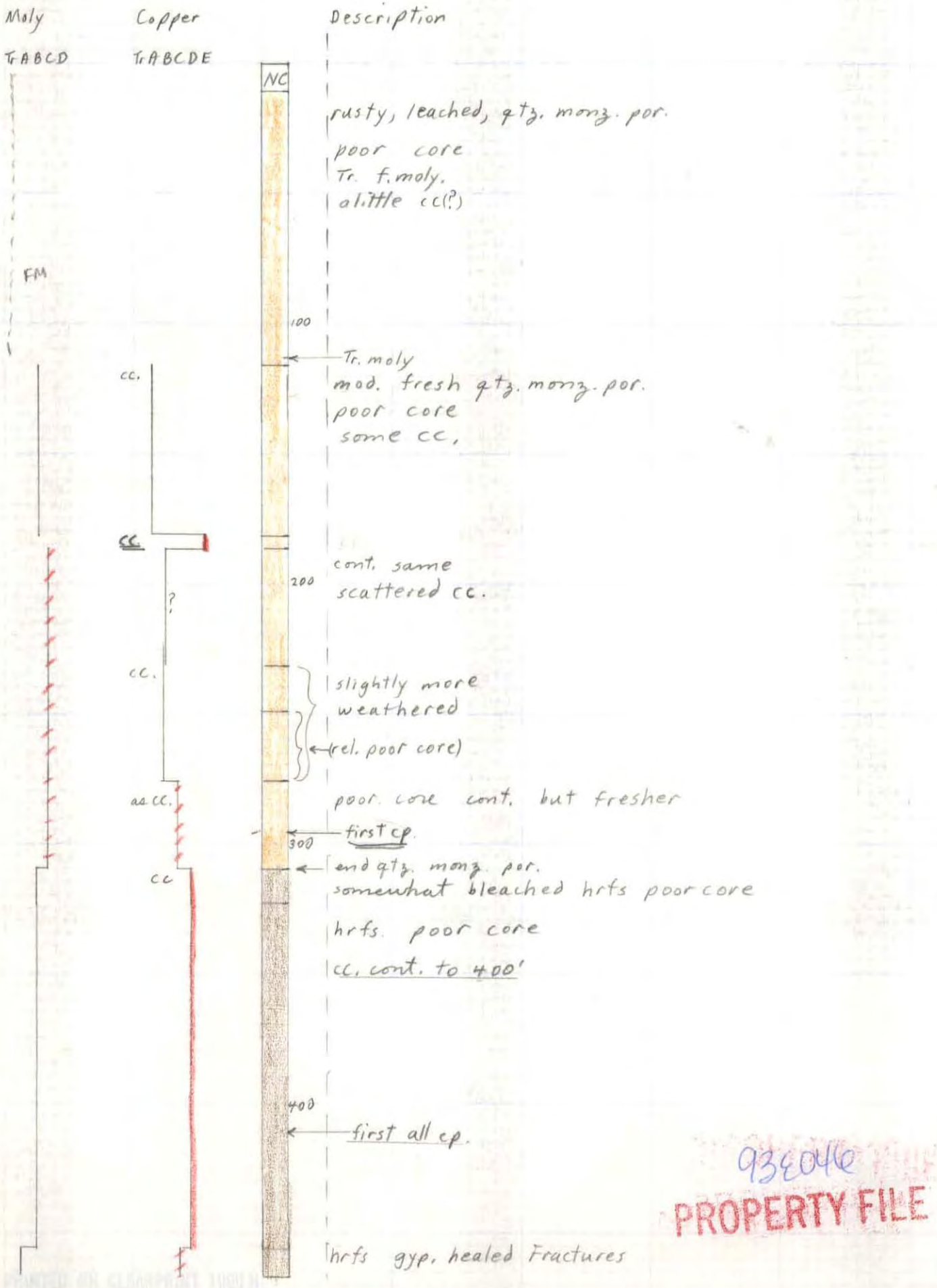
ODH 14 (900'–1185')

Berg. Aug/66

ASB WB

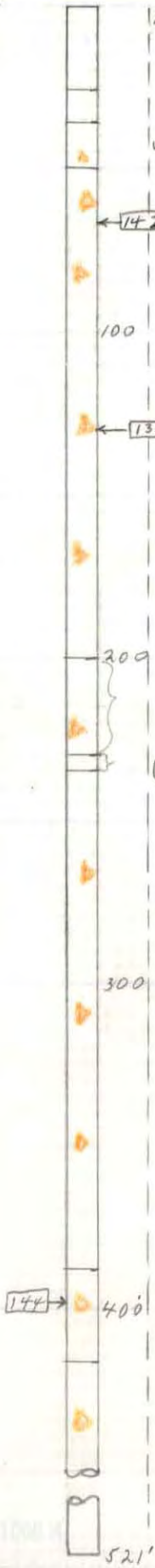
Moly	Copper	Description
Tr A B C D	Tr A B C D E	900' normal dark grey pytic hrfs
		same dark grey biotitic hrfs
		shattered & veined with py.
		faint pyroclastic textures
		slight bleaching adjacent to py. veinlets
		1000
		1100
		1185

DDH #19 (vert) Berg Aug/66 ASB WB



DDH 21 (vert) Berg Aug/66 ASB WB

Moly	Copper
Tr ABCD	Tr ABCDE
none	none.



Description

NC.

di. boulder(?)

weathered Breccia

(50 – 521) Breccia, Fragments mostly 1" to 1cm. Includes por. hrfs, vein mat., etc. Mostly subangular with slightly rounded corners. some frag.s entirely angular. Light olivey to buffy off-white colour. Buffy feldspars. No V. No F. (greenish-clay alt.)

(gaugy core = fault)

2% disseminated py. throughout hole.

large por. frag.s one frag. 2' in dia

Back to normal size many fragments are preferentially pyritized as compared with matrix

PROPERTY FILE

Q-DIORITE	Q	Pc	Kf	Hb	Bi	Ores	Other	Matrix	TOTAL Q	Pc	Kf	Mafic
132 *	14.6 (29.2)	51. (102)	14.0 (28)	11.1 (22.2)	7.0 (14)	2.7 (5.4)	/	/				
134	3.	67.	20	23.	2.	3.0						
133	7.	69.	/	23.	2.	6.0						
140	15	50	10	15.	5.	5.						
	54.2	288	40	83.2	23	19.4						
WEIGHTED AV.	10.8	57.6	8.0	16.6	4.6	3.9						

PT COUNT
COUNTS DOUBLE
AN. 60-50
Kf PERTHITIC
AV. GR. SIZE 1 MM.
CHILL ca 0.5-.25
SIMPLE ZONING
ANHYDRITE.

AND.	Q	Pc	Kf	Hb	Bi	Ores	CALCITE
124	7	68	/	20		5	20
128	6	68		17	3	6	20
	6.5	68.0	/	18.5	1½	5½	

1-2% Pc PHENO.
OCCASIONAL AMYG.
CALCITE REPLAC.
SEMI TRACHYTIC.
Pc → KAOLINE TRACE
MAF - CALC + CHL.

← CHEQUE

	Q	Pc	Kf	Hb	Bi	Ores	Other	Matrix	Q	Pc	Kf	Hb	Bi	Ore
QLP * 138	1	15		10	3	3	SP	68	(2)			P CHILL		- TRUE QLP.
QLP. 135	5	25		5	4½		4½	60	(6½)	49	23	13½	5	4
	3	20	-	7½	3¾	1½		64	4¼	49	23	13½	5	3
QMP * ? 127	5	40	?		3	2		50	27	40	26.		5	2
* ? 146	3.5	19.8	2.9	2.9	10.1	/		61.	18.7	34.3	27.9	5.6	12	1.5 PT C
	4.25	30.	1.5	1.5	6.5	1		55½	22.8	37.1	26.5	2.8	8.5	1.75
OMP 137	4	16.	6.6	3.8	5.1	-		64.7	10½	43.3	33.9	6.7	5.9 TRUE QMP	P. COUNT
129	4	32	some /	2.	2	2		60	25	38.	33	SILIC	2	2 SILIC
	4.	24.	3.3	2.7	3.5	1		62.3	17.7	40.6	33.5	3.3	3.7	1
								117.8	40.5	77.7	60.0		12.2	
	(4.125	27	2.4	2.1	3.35	1)		58.9	(20.3	38.8	30.0	3.0	6.1	1.37)

TOTAL

93E046