REPORT ON

LAUREN CLAIMS

CAMPO SECO

CALAVERAS COUNTY

CALIFORNIA

FOR

STRONGBOW RESOURCE CORPORATION

930 - 609 Granville Street

Vancouver, B.C.

V7Y 1G5

R.H. SERAPHIM, Ph.D., P.Eng.

December, 1987

SUMMARY AND CONCLUSIONS

The Lauren claims are located a few miles west of the Motherlode Belt, California. They cover two outcroppings of gold quartz mineralization. Tertiary conglomerate appears to cap the quartz zones, which are believed to be continuous under the cap. The exposed zones average about 100 feet wide; the northwest exposure is about 1,900 feet long; and the southwest zone about 600 feet long.

The exposures have been sampled by several companies, with results compiled on maps supplied herewith. The numerous assays in the range of 0.02 to 0.04 ounces gold per ton, (0.6 to 1.2 ppm approximately) with a few in the 0.04 to 0.1 ounce range (1.2 to 3 ppm approximately) indicate that parts of the exposures may be profitable in a heap-leach operation.

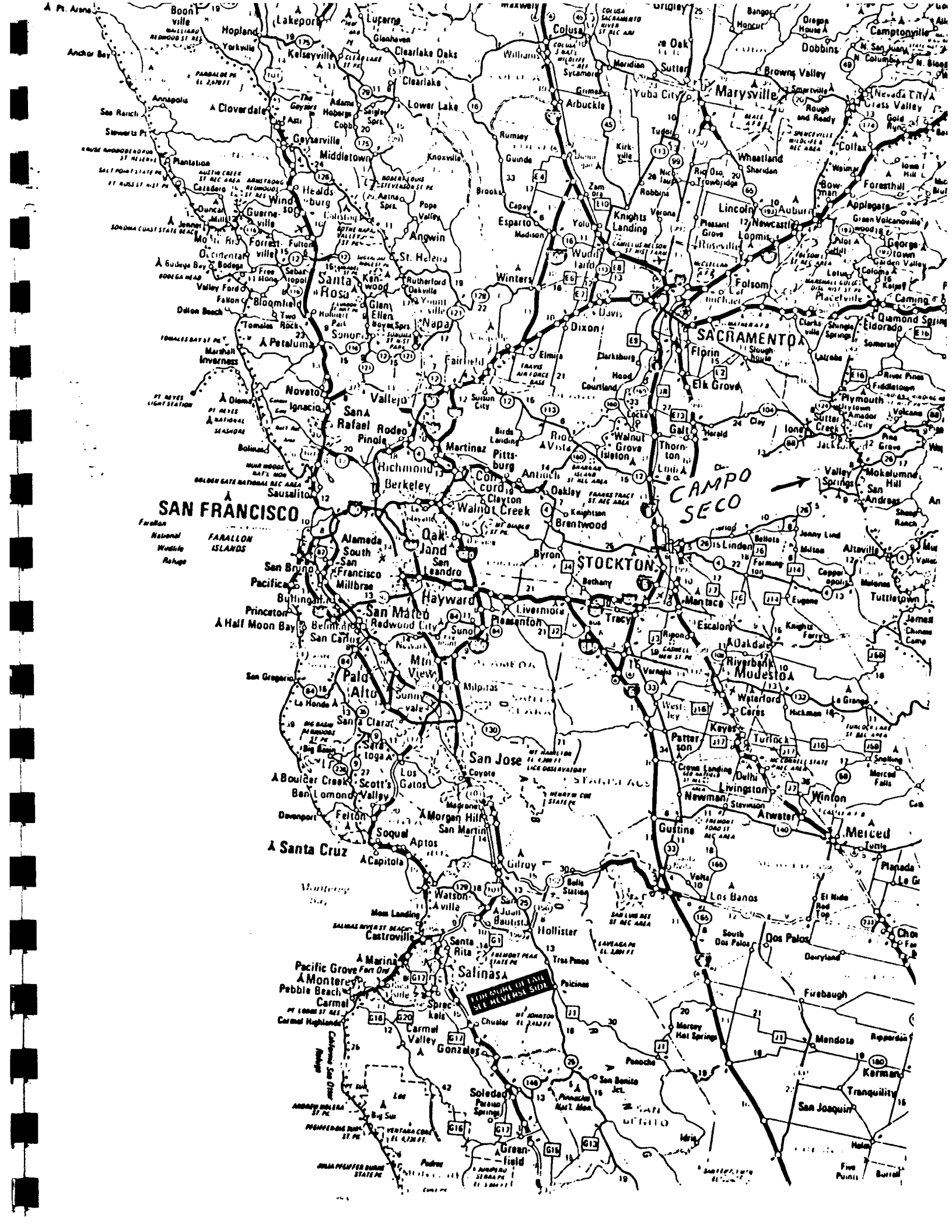
A couple of diamond drill holes were completed, providing some samples that assay within the ranges reported above. The drill hole logs, however, do not provide enough information to permit a plot of the assayed intercepts on a plan.

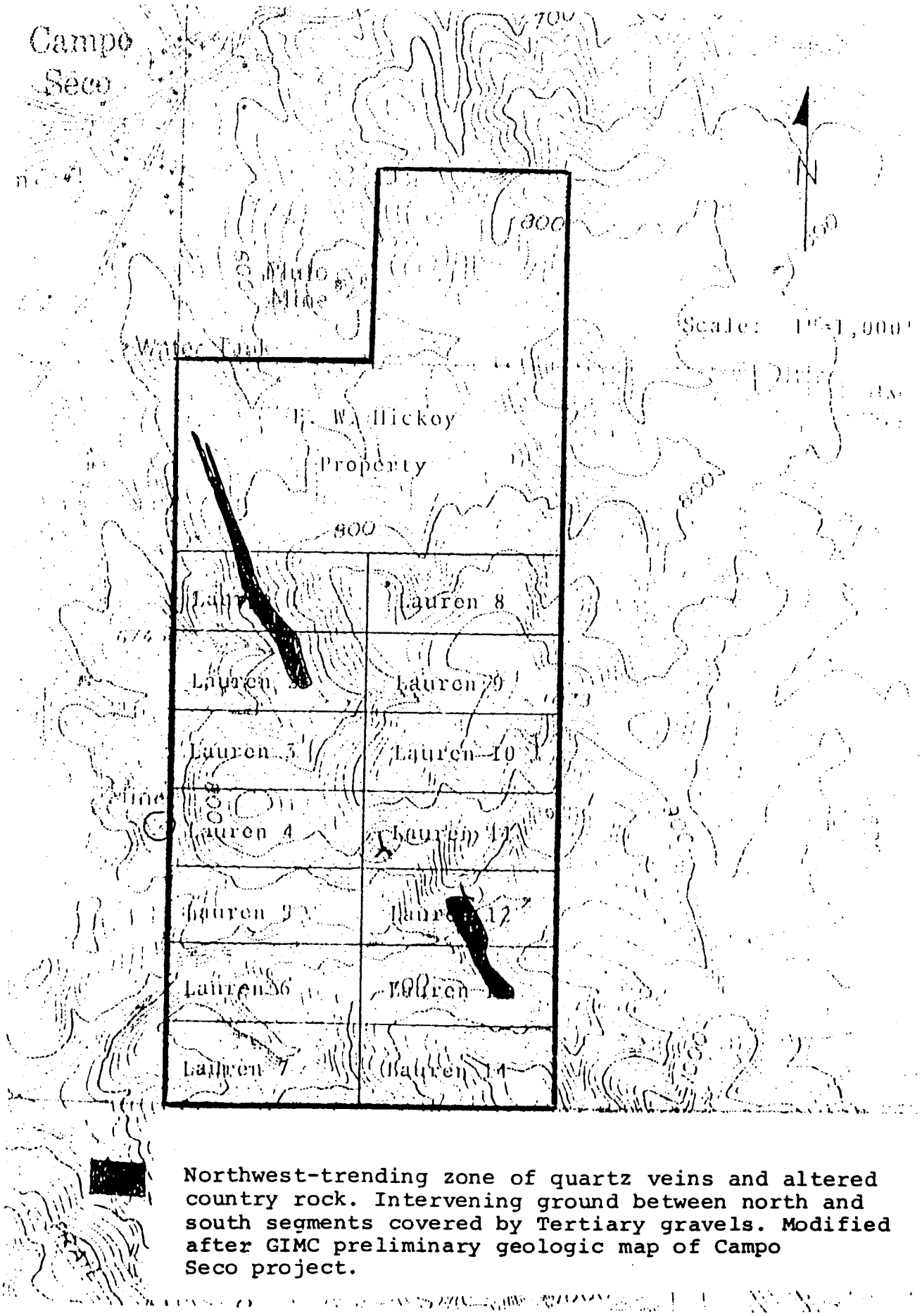
RECOMMENDATIONS AND COSTS

A program of percussion drilling with associated sampling at say 10 foot intervals is recommended. Holes should be laid out on grid lines across the trend of the exposures. Lines can be laid out initially at about 200 foot spacings, with 3 holes per line, to give about 24 holes (18 in north exposure, 6 in south exposure) to 200 feet depth. The total is 4,800 feet of hole. 'All in' costs should be about $15 per foot or about $72,000. Layout should be mathematical to ensure sampling without bias.

INTRODUCTION

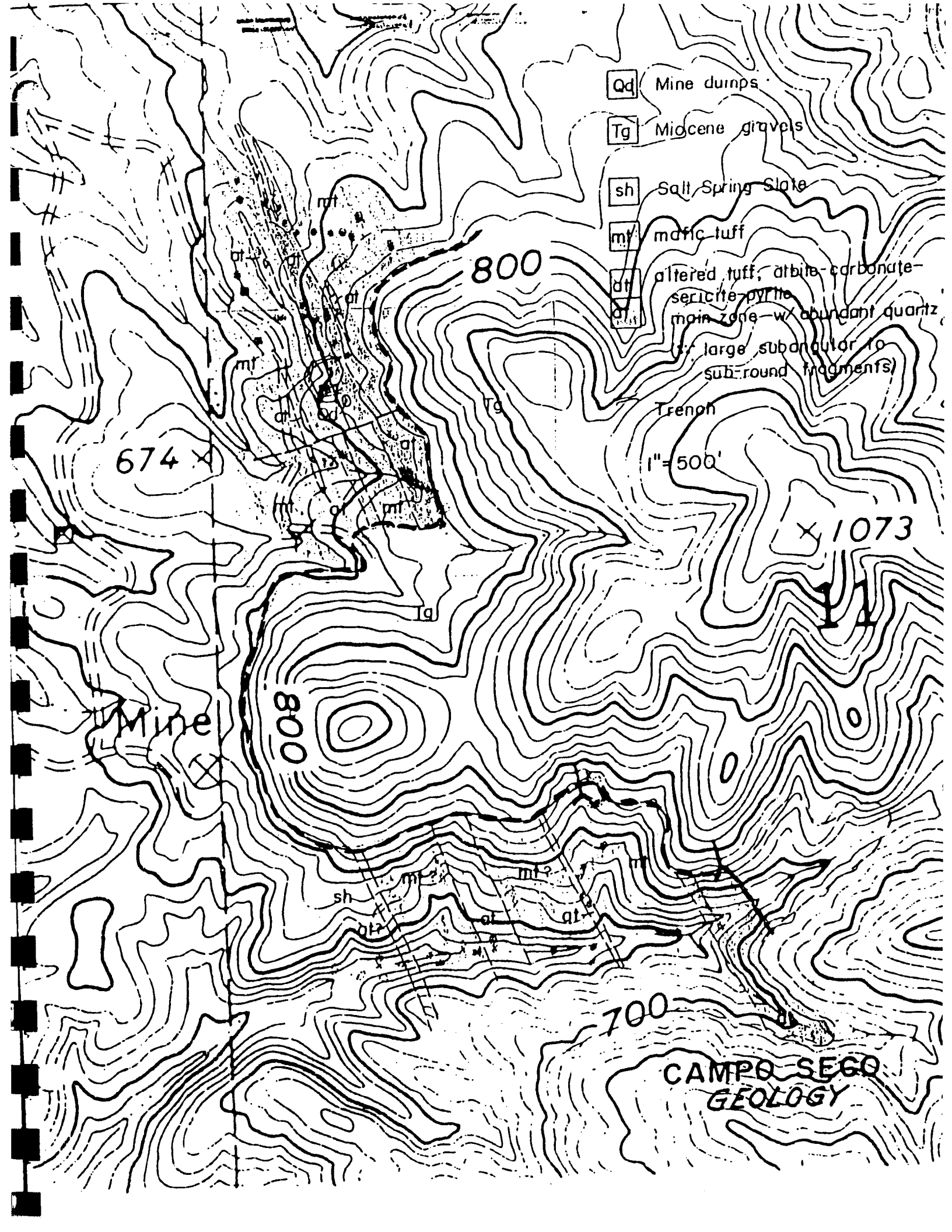
The Lauren claims at Campo Seco, a few miles west of the Motherlode Belt in California, were examined on April 10, 1987. Tom Thomas and Richard Naylor, both of whom had previous experience on the property, acted as guides. Data


SAN FRANCISCO
SACRAMENTO
STOCKTON
CAMPO SECO
FOR SOME OF THIS SEE REVERSE SIDE



Northwest-trending zone of quartz veins and altered country rock. Intervening ground between north and south segments covered by Tertiary gravels. Modified after GIMC preliminary geologic map of Campo Seco project.

Figure 2


Qd Mine dumps
Tg Miocene gravels
sh Salt Spring Slate
mf mafic tuff
at altered tuff; albite-carbonate-sericite-pyrite main zone—w/ abundant quartz (= large subangular to sub-round fragments)
Trench
1"=500'
800
674
1073
Mine
700
CAMPO SECO
GEOLOGY

pertinent to the property was available from Gold Fields Mining Corp., and Callahan Mining Corp., and is utilized in the following report.

CLAIMS

The claims Lauren 1 to 14 are shown to be contiguous, and to cover most but not all of the pertinent mineralization (see accompanying map). Legal papers show the claims to be located in Section 11, Township 4 north, Range 10 east, Mt. Diablo Meridian. Title has not been checked by the writer, but appears to be in good order provided current annual labor is completed and recorded. Mineralization in the quartz zone north of the claims is low grade.

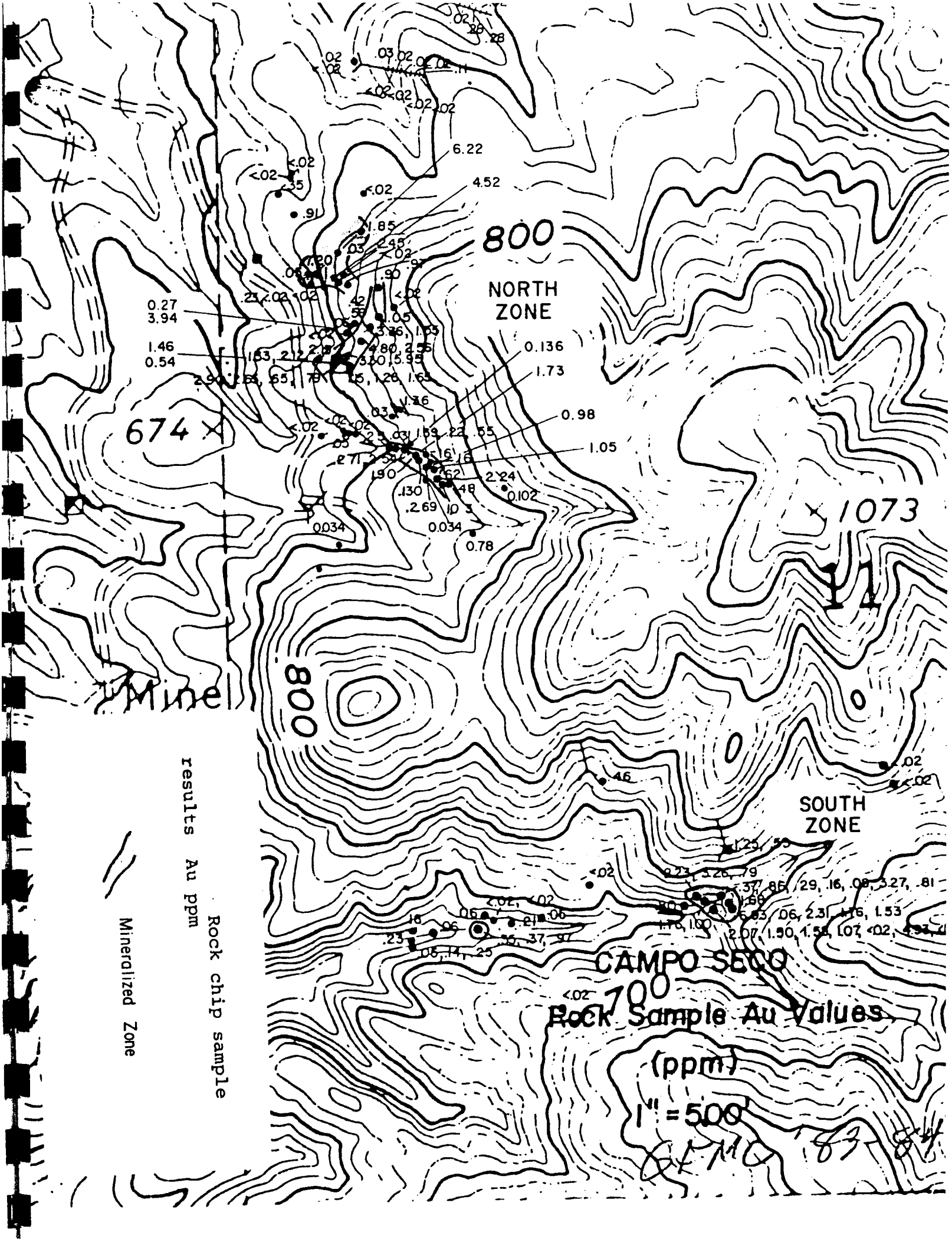
LOCATION AND ACCESS

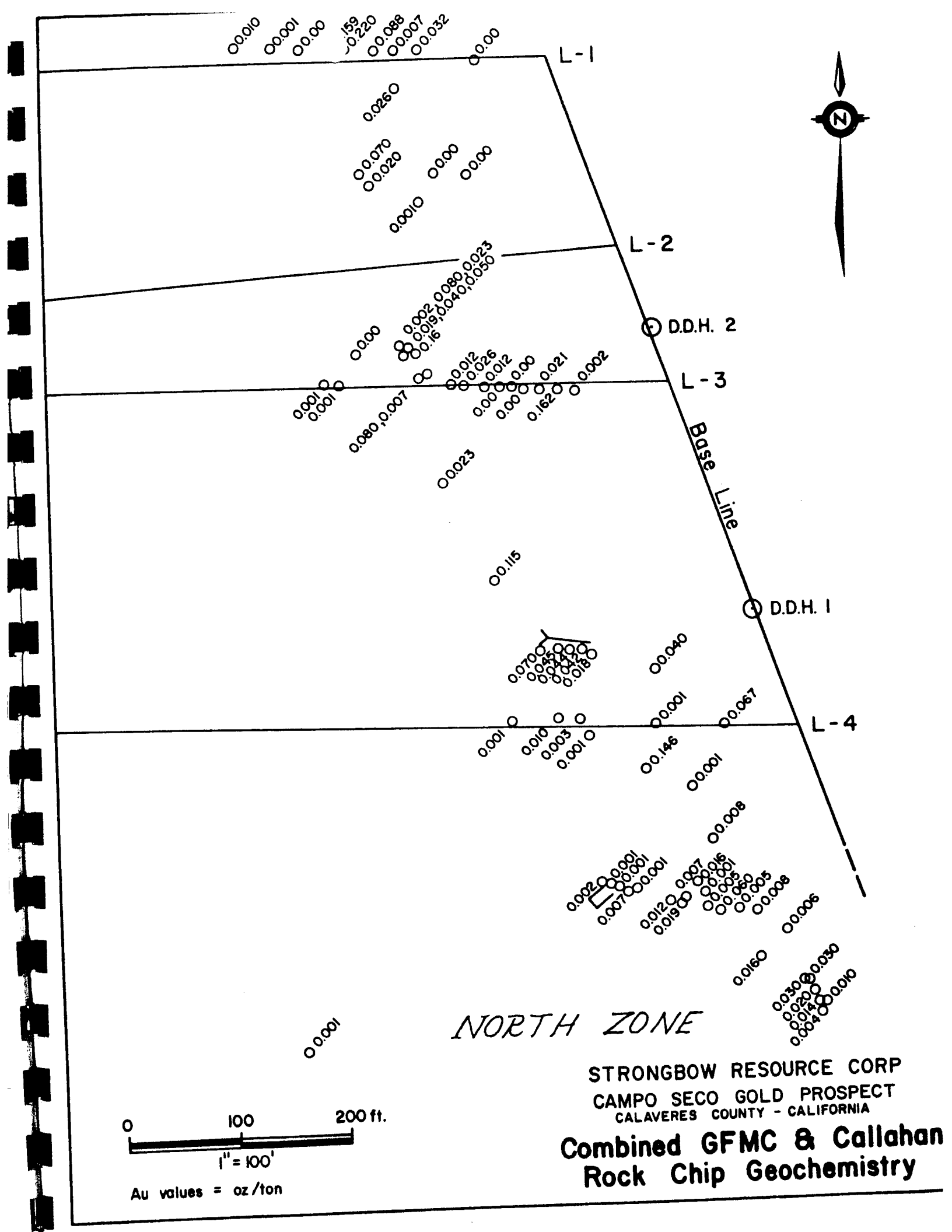
The claims are located 15 miles northwest of San Andreas, California and are accessible from the main Grass Valley Highway as shown on the accompanying maps. Inasmuch as several new mines, including Grandview's 'Carson Hill', are in or near operation, mining facilities are again locally available in this historically important belt of gold mines.

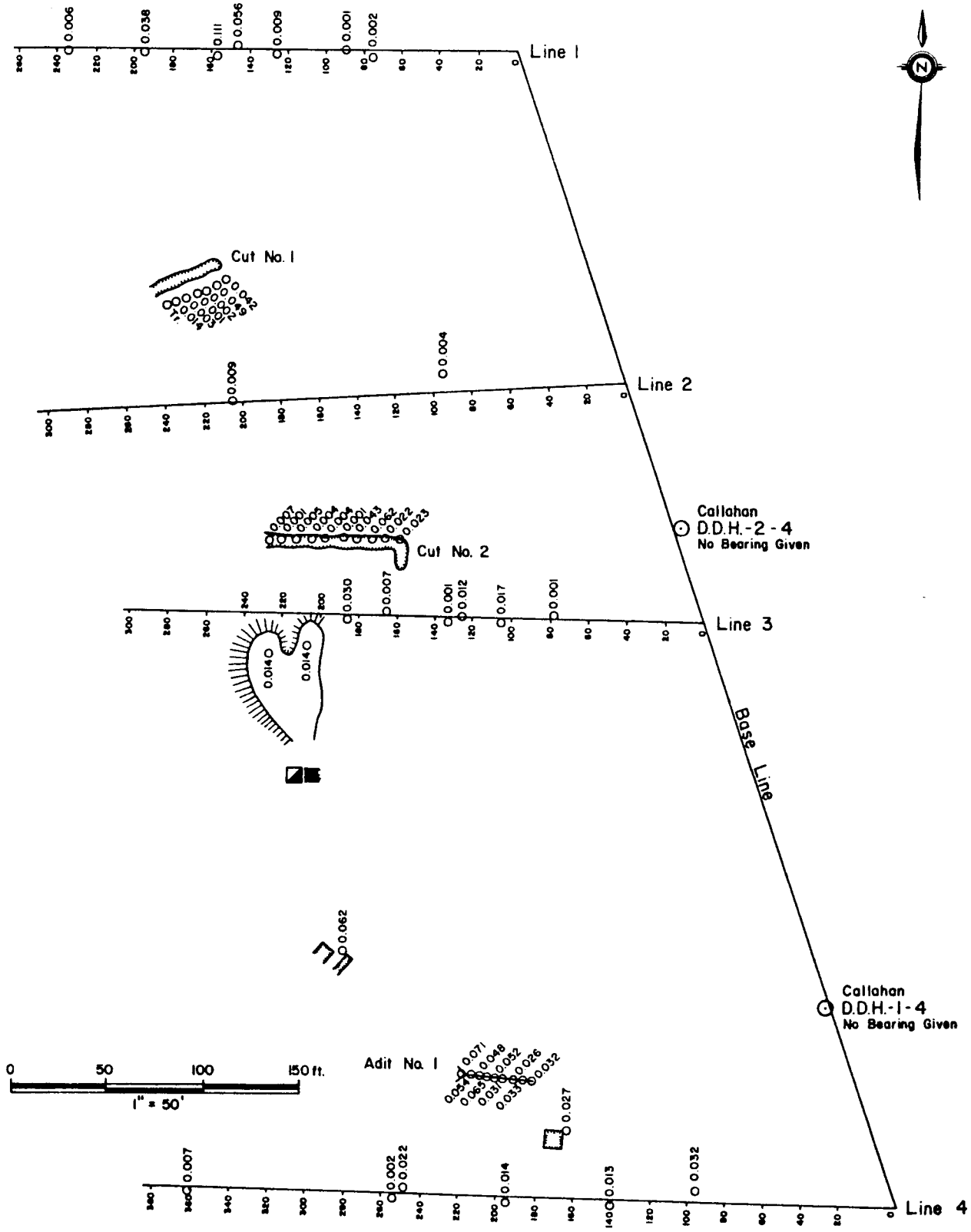
GEOLOGY

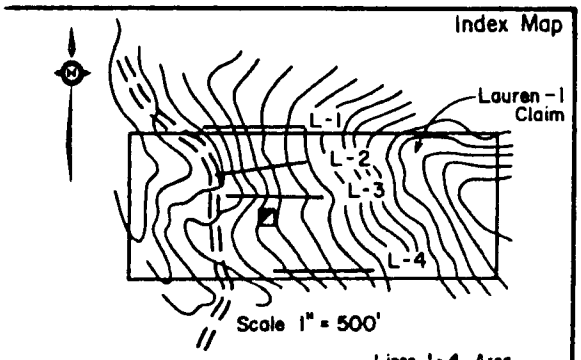
The mineralized zones at Campo Seco are located west of those in the main Motherlode Belt, and are of a different nature. Abundant quartz with gold is exposed in two zones, northwest of and southeast of a ridge of Tertiary conglomerate. Presumably the mineralized quartz will be found to extend under the conglomerate cap, but high stripping ratio probably precludes economic viability under the cap.

The quartz lode where exposed has about 100 feet maximum width, about 1,900 feet of length northwest of the conglomerate 'cap', and about 600 feet of length south of it.


800
NORTH ZONE
674
1073
Mine
808
SOUTH ZONE
CAMPO SECO
700
Rock Sample Au Values
(ppm)
1" = 500
Rock chip sample
results Au ppm
Mineralized Zone


L-1
L-2
L-3
L-4
D.D.H. 2
D.D.H. 1
Base Line
N
NORTH ZONE
0.010 0.001 0.00 .159 0.220 0.088 0.007 0.032 0.00
0.026
0.070 0.020
0.00 0.00
0.0010
0.002 0.080 0.023 0.019 0.040 0.050 0.16
0.00
0.012 0.026 0.012 0.00 0.021 0.002
0.001 0.001
0.080 0.007
0.00 0.00 0.162
0.0023
0.115
0.070 0.045 0.018
0.040
0.001 0.067
0.001 0.010 0.003 0.001
0.146
0.001
0.008
0.002 0.001 0.001 0.001 0.007
0.007 0.016 0.001 0.005 0.050 0.005 0.008
0.012 0.019
0.006
0.0160
0.030 0.030 0.020 0.014 0.004 0.010
0.001
0 100 200 ft.
1" = 100'
Au values = oz/ton
STRONGBOW RESOURCE CORP
CAMPO SECO GOLD PROSPECT
CALAVERES COUNTY - CALIFORNIA
Combined GFMC & Callahan
Rock Chip Geochemistry





NORTH ZONE

o Gold Value - oz. per ton

Map By : F.W. Mack

Sampling By : S. Harlow

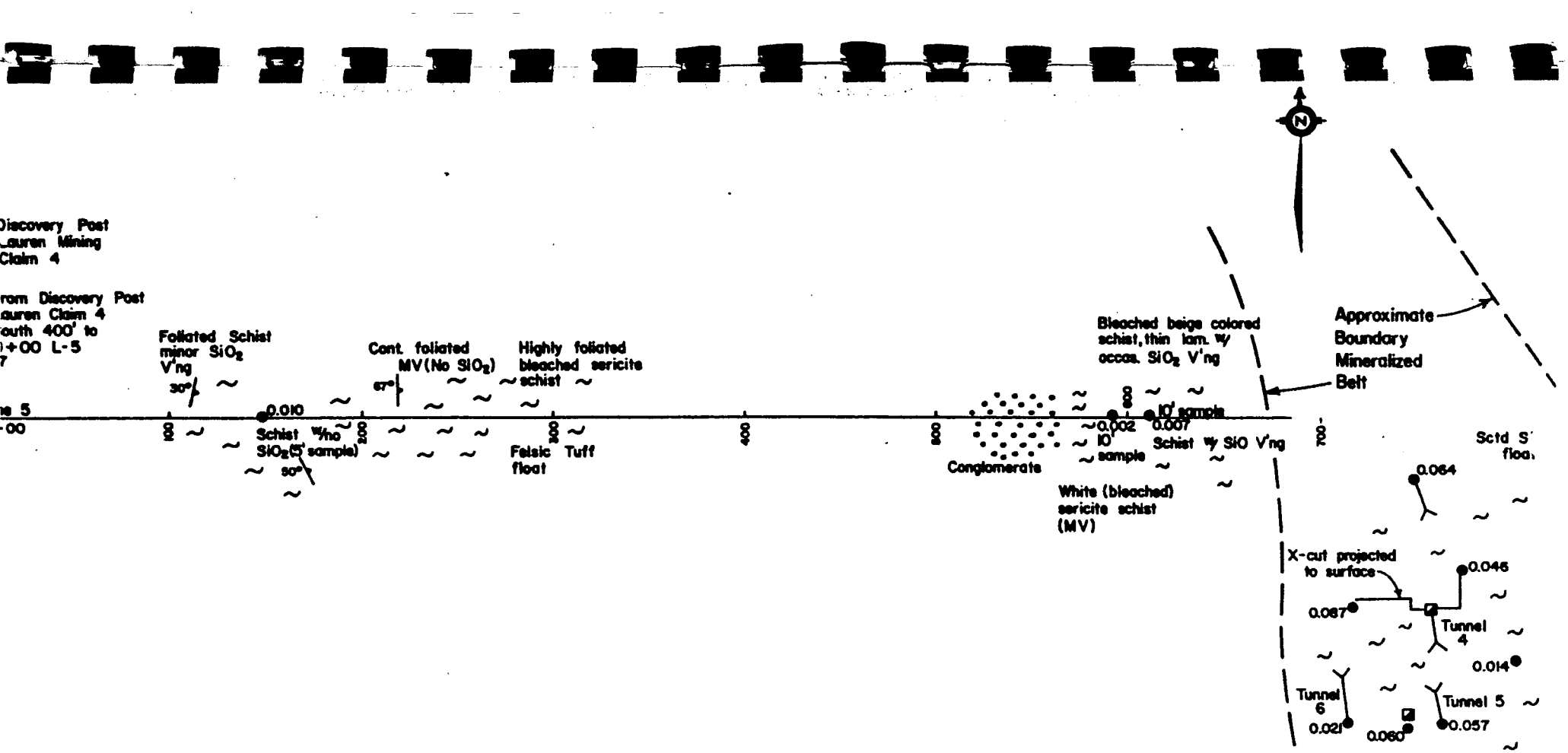
Date : May 1987

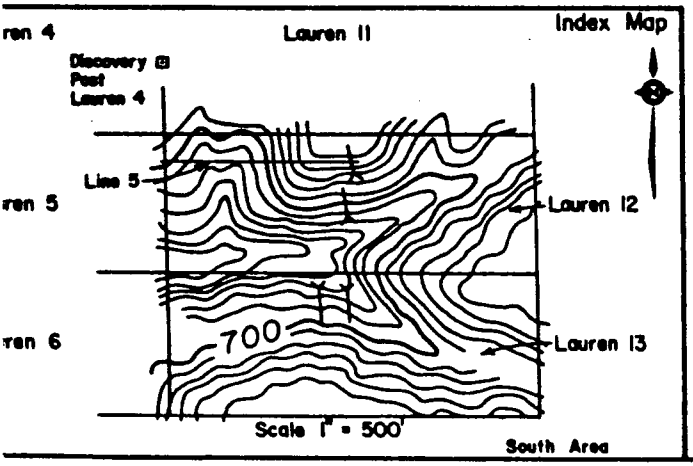
STRONGBOW RESOURCE COR

CAMPO SECO GOLD PROSPECT

CALAVERES COUNTY - CALIFORNIA

Rock Geochemistry - GOLD





MV Foliated Schist

Conglomerate

50° Foliation w/dip

Gold Values in 0.010 Ounces/ton

Adit

Shaft

Map By : F.W. Mack

Sampling By : S. Harlow

Date : May 1987

STRONGBOW RESOURCE CORP

CAMPO SECO GOLD PROSPECT

CALAVERES COUNTY - CALIFORNIA

Geology - Geochemistry

South Area

The gold-quartz zones are emplaced in a series of andesite, dacite, and basaltic rocks that have been identified as tuffs, flows and sill. Minor phyllite is present.

MINERALIZATION

Mineralization includes pyrite, minor chalcopyrite accompanied by carbonate and sericite alteration. The maps on the following pages show the available results of surface sampling for gold.

DIAMOND DRILLING

Two holes were completed in November - December 1985 by Callahan Mining Corp. Locations are shown on the map "Rock Geochemistry - Gold" by Strongbow Resource Corporation; bearings are not provided, but the holes are assumed to be drilled westerly:

DDH1 - inclination 61 degrees to 45 degrees

Summary

0 - 75.6	-	meta-andesite - clastics and sill?
75.6 - 135	-	quartz veins with gold assays
75.6 - 80.6	-	0.027 oz
83.8 - 87.9	-	0.024
93 - 99	-	0.023
102.2 - 103.9	-	0.030
128 - 133	-	0.018
133 - 135	-	0.017
135 - 420	-	fewer quartz veins in 'mafic tuffs' with
177 - 178.5	-	pyrite chalcopyrite mineralization
198 - 200.5	-	0.014 oz gold
213 - 215.5	-	0.035 oz gold

DDH2 - inclination 63 to 75º

Summary

0 - 142.5	-	meta-andesite - clastic, flow and or sill?
94.5 - 1320	-	several quartz veins not assayed
142.5 - 263.7	-	more abundant quartz veins in sill?
142.5 - 143	-	not assayed
145.5 - 146	-	not assayed
146.5 - 148	-	not assayed
148 - 153	-	0.05 oz Au
153 - 158	-	0.053 oz Au
158 - 161	-	0.030
166.9 - 171.9	-	0.015
176.8 - 179.6	-	0.10
208 - 213	-	0.033
213 - 216.7	-	0.110
233 - 238	-	0.025
238 - 240	-	0.018
248.8 - 250.3	-	not assayed
254 - 257	-	0.036
257 - 259.6	-	0.028
263.7 - 274	-	mafic metavolcanic (tuff?)

BIBLIOGRAPHY

Only a few pages of intercorporate information are available, and are confidential.

CERTIFICATION

I, Dr. R.H. Seraphim, of the City of Vancouver, Province of British Columbia, hereby certify as follows:

1. I am a Geological Engineer residing at 4636 West 3rd Avenue, Vancouver, B.C., and with office at #316 - 470 Granville Street, Vancouver, B.C.

2. I am a registered Professional Engineer of British Columbia. I graduated with a Master of Applied Science from the University of British Columbia in 1948, and with a Doctor of Philosophy in geology from the Massachusetts Institute of Technology in 1951.

3. I have practised my profession continually since graduation.

4. I have no interest, direct or indirect, in the claims of Strongbow Resource Corp., and will not acquire any interest in the claims, the Company, or its affiliates.

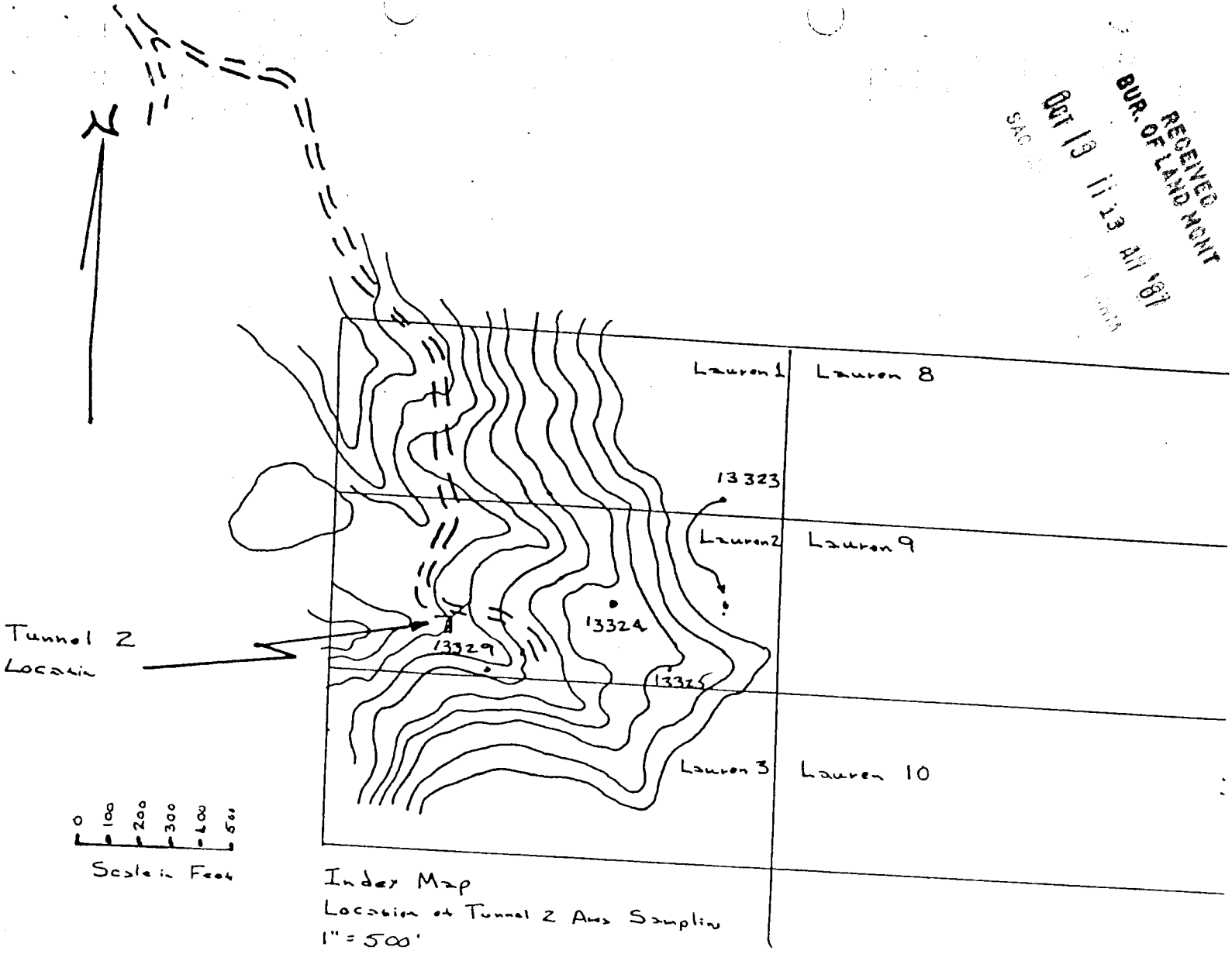
5. The attached report is based on a study of maps sections, and reports and an on site examination on April 10, 1987.

6. I consent to the use of this report in or in connection with the prospectus or in a statement of material facts relating to the raising of funds for this project.

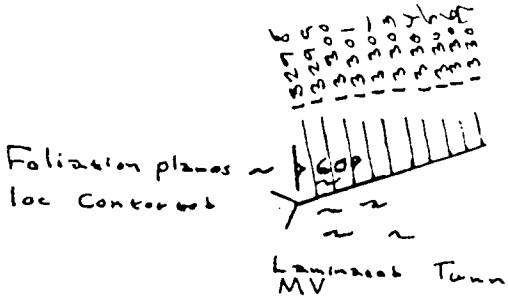
DATED at Vancouver, British Columbia, this 16th day of December, 1987.

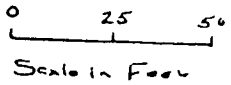
R.H. Seraphim

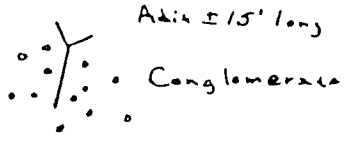
R.H. Seraphim, Ph.D., P. Eng.



Index Map
Location of Tunnel 2 Area Sampling
1" = 500'

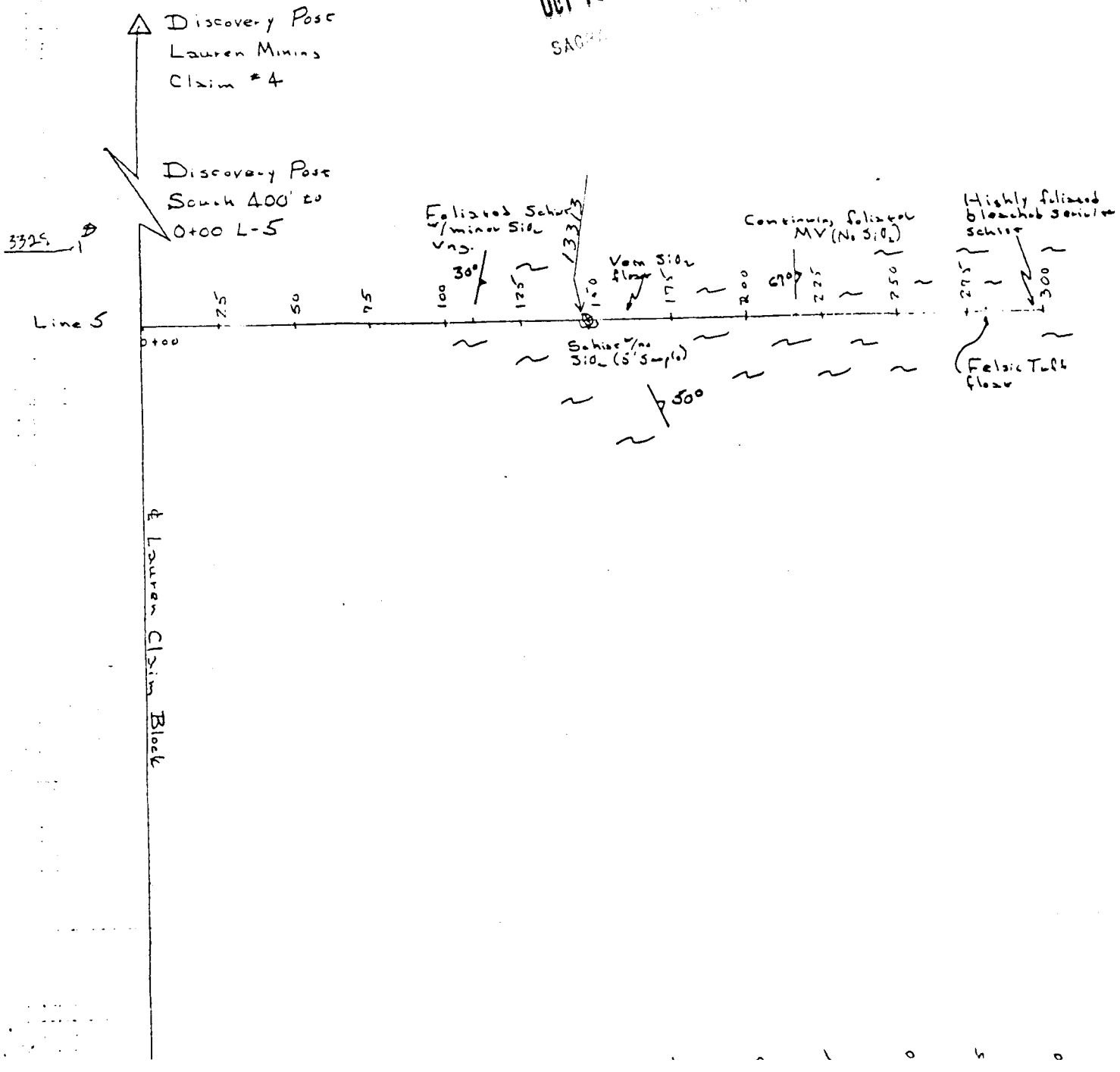






Campo Seco Project
Calaveras County, CA
Scale 1" = 50'
Map & Geology By: F.W. Mark
Sampling By: S. Harlow
May 1987

1 of 2

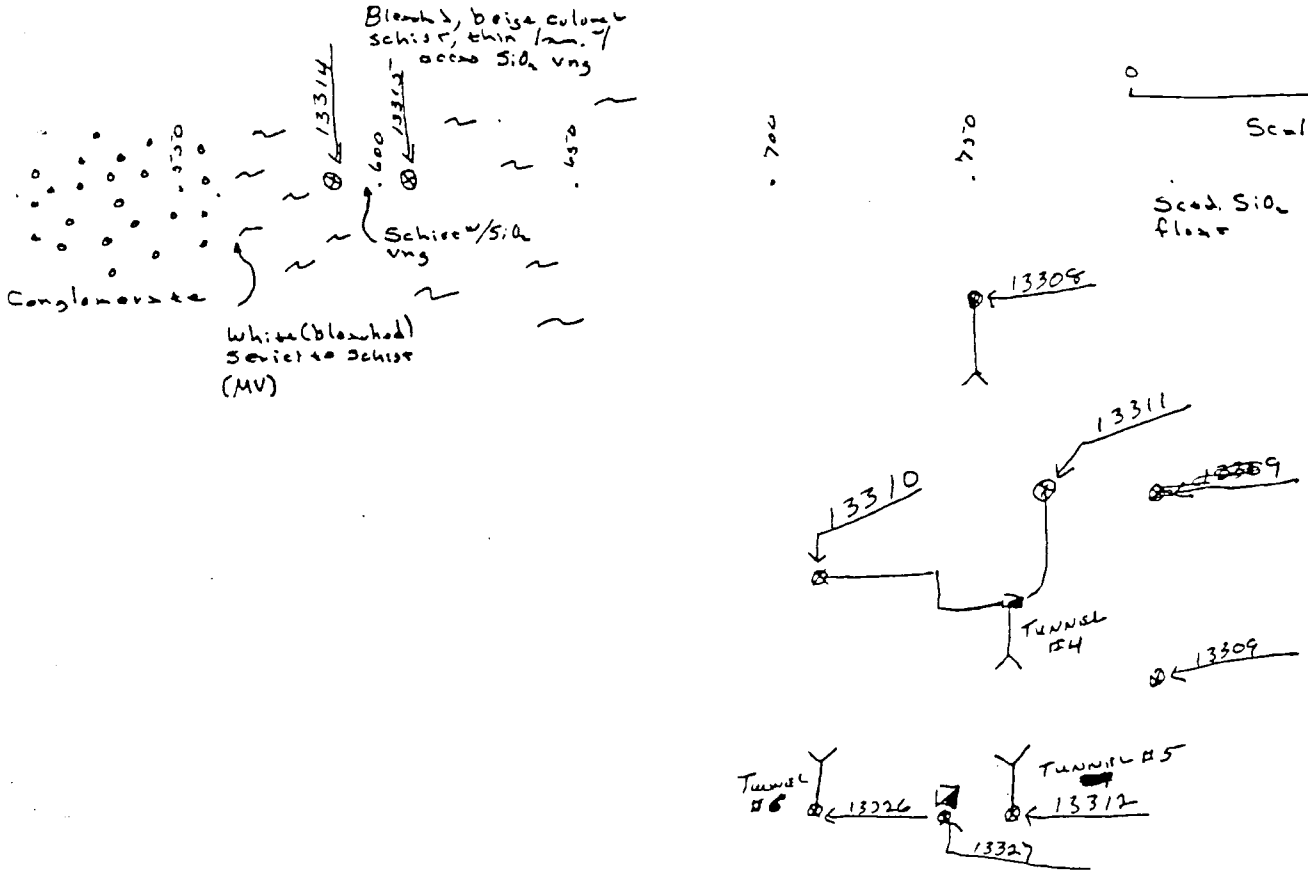


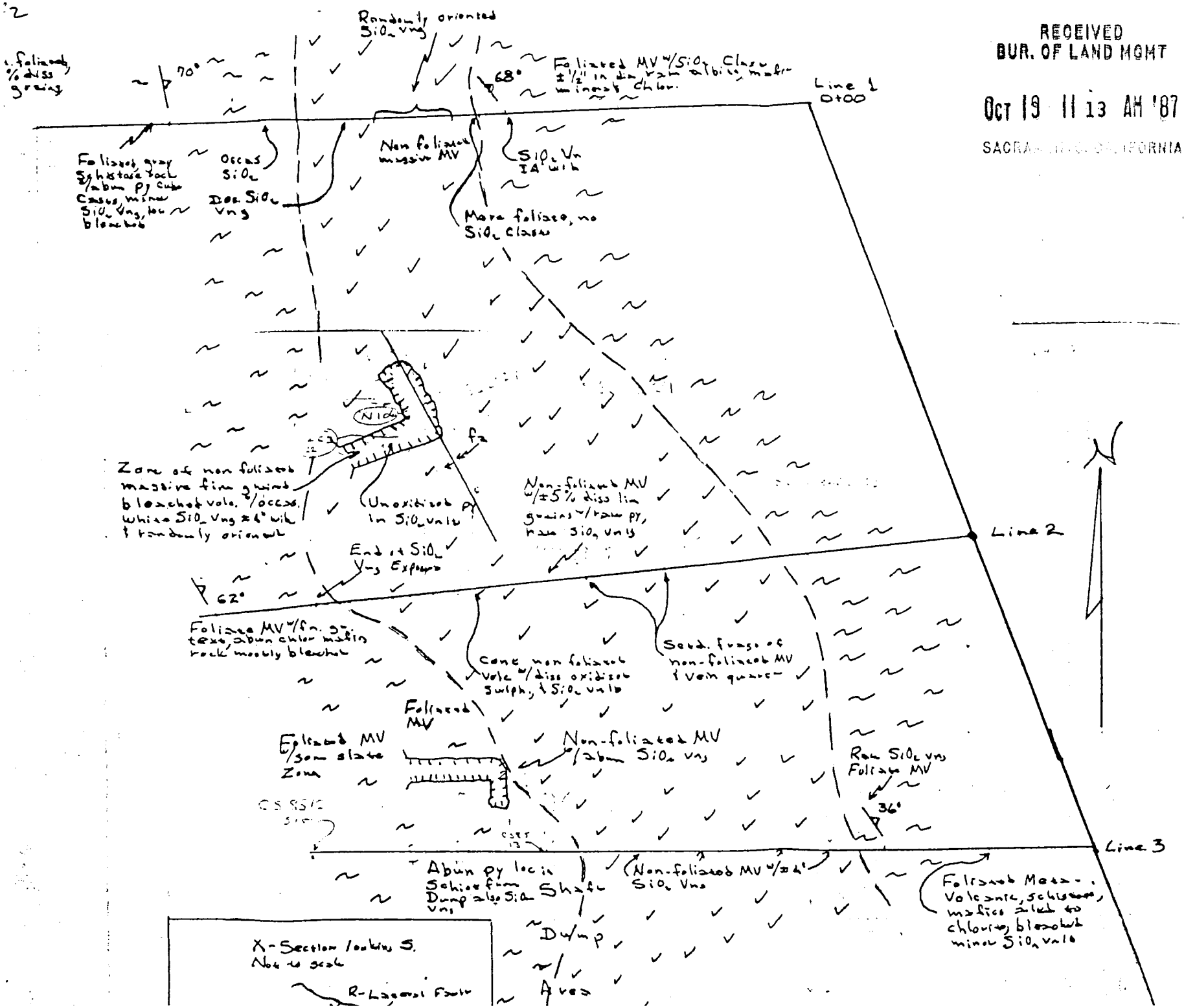
2 of 2

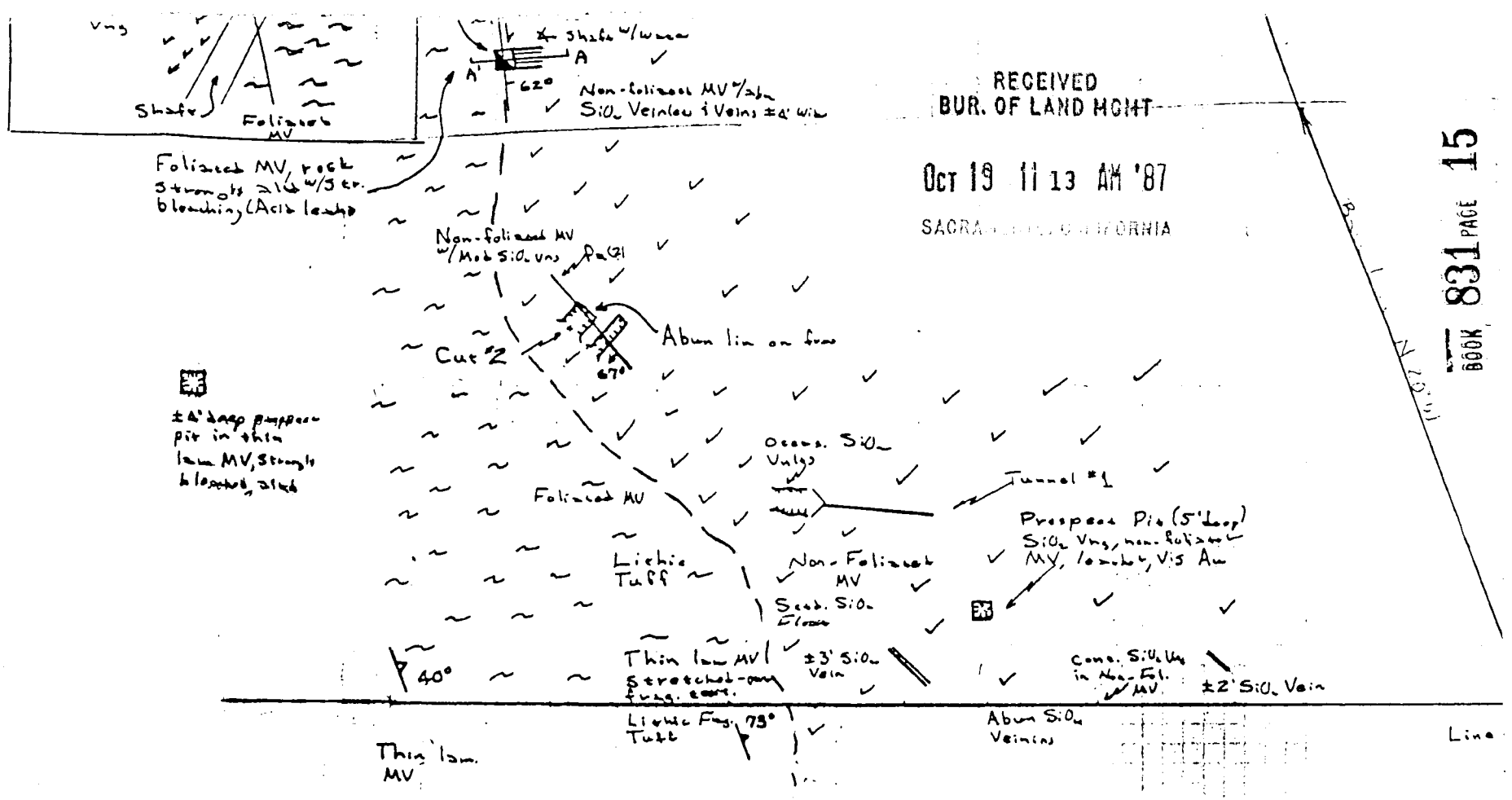
Campo Seco Project
Calaveras County - CA
South Area

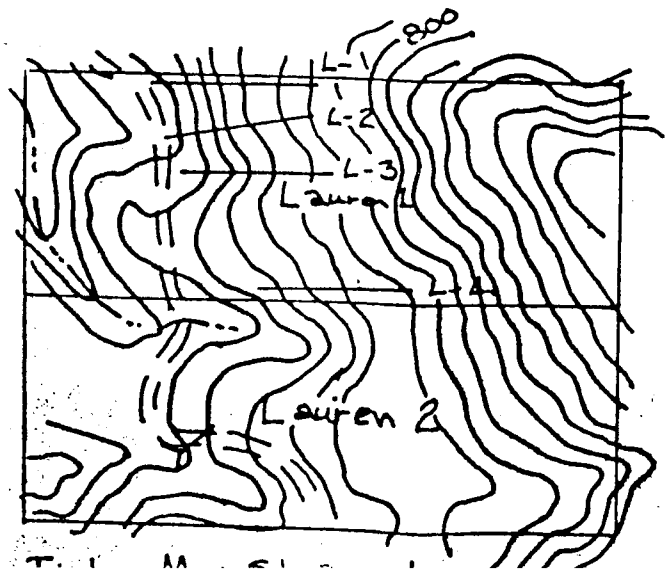
Map By: F. W. Mack
Sampling By: S. Harlow
May 1987
Scale 1" = 50'

0 50 100
Scale in Feet









Legend

- Foliated Metavolcanic (MV)
- Non Foliated Metavolcanic (NMV)
- Open Cut
- Prospect Pit
- Inclined Shaft
- Adit

Grandview Resources, Inc
Geologic Map
Campo Seco Project
Calaveras County - CA
Scale: 1" = 50'
Geology By: F. W. Mack
May 1987

1 of 2
13258
275
250
13257
225
200
13256
175
13255
150
13254
13253
125
100
13252
13251
75
50
25
L-1
B
13267
300
275
250
225
13268
200
175
150
125
100
13269
75
50
25
L-2
13276
13275
13274
13273
13272
13271
13270
DDH-1
13287
13288
13289
13290
13291
13292
13293
13294
13295
13296
13297
DDH-2
L-3
Scale 1"=50'
RECEIVED
BUR. OF LAND MGMT
OCT 19 11 13 AM '87
SACRA
BOOK 831 PAGE 16

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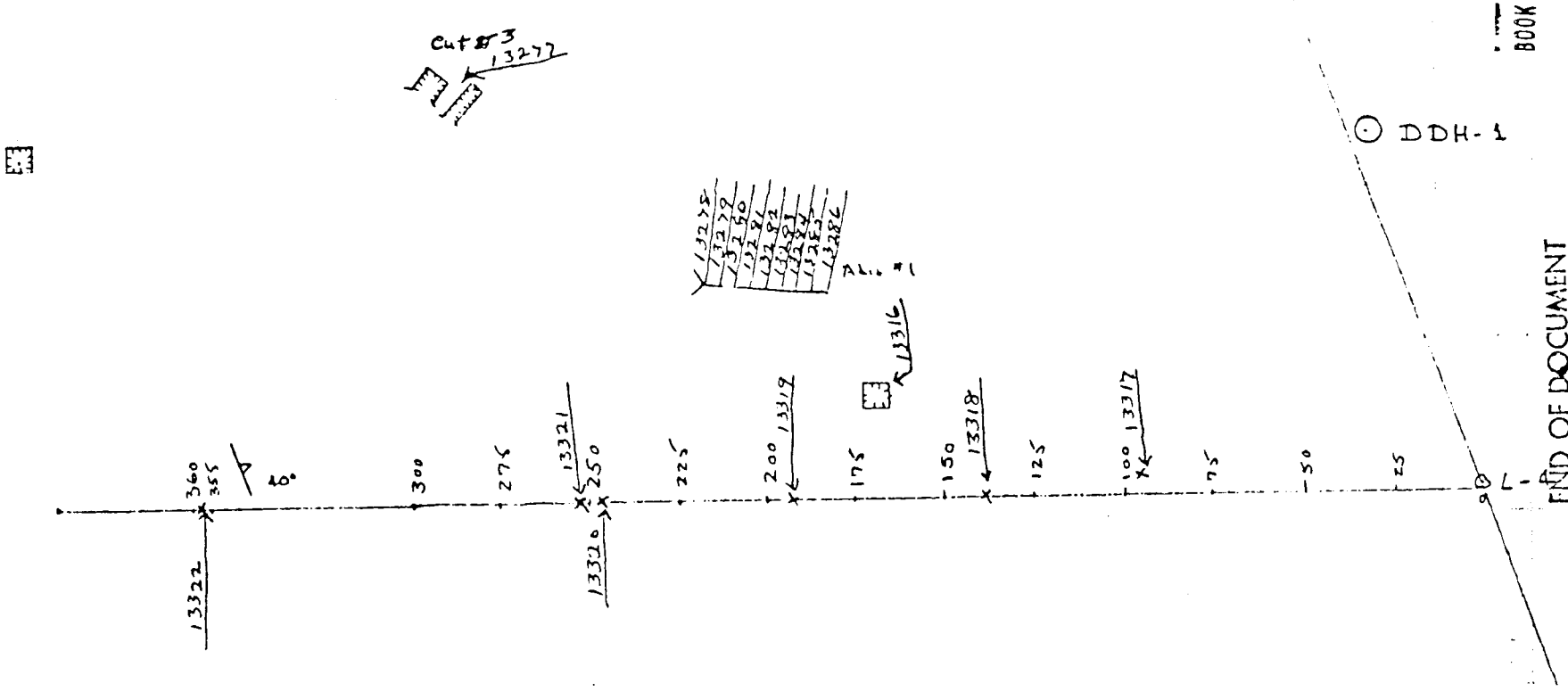

Campo Seco Project
Calaveras County - CA
Map By F.W Mark - Sampling S. Hart
Survey: Brunton Hip Chain
May 1987