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Arizona Department of Mines and Mineral Resources Mining Collection

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PRINTED: 04/30/2002

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: OAKLAND MINE

ALTERNATE NAMES:
BRONCO
VERDESTONE
BVO
DAVIS PROSPECT
LUKE AND MC ELRATH

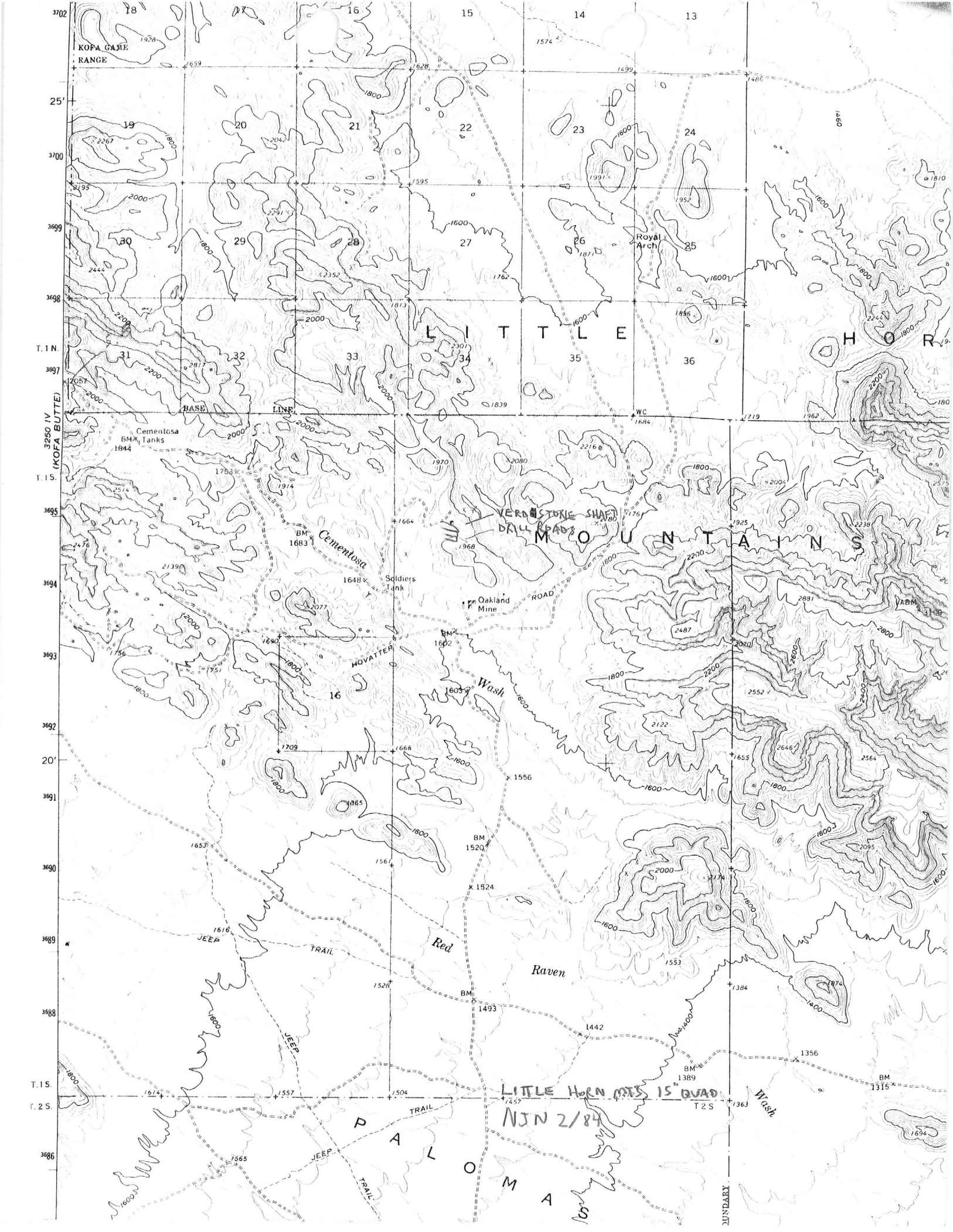
YUMA COUNTY MILS NUMBER: 284

LOCATION: TOWNSHIP 1 S RANGE 14 W SECTION 10 QUARTER NE
LATITUDE: N 33DEG 21MIN 09SEC LONGITUDE: W 113DEG 41MIN 11SEC
TOPO MAP NAME: CEMENTOSA WASH - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:
GOLD LODE
SILVER
SILICON SMELTER FLUX
IRON

BIBLIOGRAPHY:
ADMMR OAKLAND MINE FILE
ADMMR REA GOLD COMPANY FILE
KEITH, S.B.,1978, INDEX OF MINING PROPERTIES IN YUMA COUNTY, AZ BUR MINES BULL 192, P.174
WILSON,E.D.,1933, GEOL. AND MINERAL RESOURCES OF SOUTHERN YUMA CNTY: AZ BUR MINES BULL 134 P. 140-141


KOFA GAME RANGE
LITTLE HORN MOUNTAINS
Royal Arch
BASE LINE
Cementosa Tanks
Cementosa
Soldiers Tank
Oakland Mine
ROAD
HOVATTER
Wash
Red
Raven
Wash
JEEP TRAIL
JEEP TRAIL
JEEP TRAIL
PALOMAS
T. 1 N.
T. 1 S.
T. 2 S.
T 2 S
3250 IV (KOFA BUTTE)
VERDE STONE SHAFT
DRILL ROADS
LITTLE HORN MTS 15" QUAD
NJN 2/84

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine: Verdestone, Bronco, Oakland Claims

Date: February 9, 1984

District: Yuma County-T1S, R14W Sec. 10

Engineer: Nyal J. Niemuth

Subject: Mine field visit

In the company of Dick Parks, BLM Phoenix District Geologist, a visit was made to the Verdestone, Bronco, Oakland Mine. Rhea Gold/Lincoln Resources are continuing their exploration project. Doug Charlton of Charlton International, 6285 St. Thomas Drive, Missoula, Montana 59803, Ph: (406) 251-5697 has replaced F. Marshall Smith as project consultant.

Additional drill roads have been cut south of the Verdestone Shaft (see attached map) and rotary drilling completed on them this winter. Drill holes in this area now total 30-40 plus 10 trenches. A clean up of debris and old equipment has been completed around the Oakland shafts area. To the east of both the Oakland and Verdestone shafts a survey grid (approximately 50 foot spacings) has been staked as control for detailed mapping and/or geochemical sampling.

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES

VERBAL INFORMATION SUMMARY

1. Mine file: OAKLAND
2. Mine name if different from above:
3. County:
4. Information from: George Morgan

   Company:

   Address: 1210 N. 35th St.

   Phoenix, AZ 85008

   Phone: 275-6104

5. Summary of information received, comments, etc.:

Mr. Morgan reports Homestake Mining still has the Oakland mine leased and are preparing to conduct another round of drilling. He wouldn't comment on their success to date or current size of the reserves identified due to the confidentiality agreement signed with the company.

Date: January 8, 1989

Nyal J. Niemuth, Mining Engineer

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES

VERBAL INFORMATION SUMMARY

1. Mine file: OAKLAND MINE
2. Mine name if different from above:
3. County: Yuma (MILS 284)
4. Information from: George Morgan

   Company:

   Address:

   Phone: 602-275-6104

5. Summary of information received, comments, etc.:

George Morgan is looking for an exploration company to option the property since Homestake has returned it to him.

He reports a 500,000 ton reserve at 0.15 tr oz/ton gold and that silica encapsulation will require fine grinding.

Date: August 24, 1989

Ken A. Phillips, Chief Engineer

Verbal Information Summary

Arizona Deparment of Mines and Mineral Resources

Mine: **OAKLAND MINE** Alternate Names: : BRONCO, VERDESTONE, BVO
AZMILS #: 284 Topographic Map: LITTLE HORN MTS - 15 MIN
TOWNSHIP: 1 S, RANGE: 14 W, SECTION: 10, QUARTER: NE

After about a year and a half of exploration Cyprus returned the property to the owners. Mike L. Schroder former manager of Cyprus Copperstone mine then leased the property in late 1992 as **Verdestone Gold** Inc., P.O. Box 1210, Lake Havasu, AZ 85405, Phone: 602-680-9369. Mr Schroder put together a deal where MK Gold Co. (Morisson Knudson) would develop the open pit, do the mining, and truck the gold-silver ore to Copperstone. There Cyprus would mill the ore on a toll basis. Revenues cover the milling first, then MK Gold and lastly Verdestone Gold who although they put the deal together put up no cash for the mining or milling. Under the above agreement about 25,000 tons were mined and milled in early 1993. The grade reportedly averaged 0.247 gold. Recovery was only 70% as the ore is hosted in a fine grained chalcedonic quartz which needs grinding to minus 325 or finer to achieve a plus 90% recovery, while the cyanide mill at Copperstone is setup for the softer Copperstone ore which was generally ground to 200 mesh.

The mine still contains additional resources underground. To test the viability of producing siliceous flux for the Cyprus copper smelter at Miami, Verdestone Gold Inc. has an underground contractor (Small Mines Development) mining a bulk sample for trial shipment. Producing clean flux is a concern as the vein is hosted in a rhyolite tuff which has been argillicly altered. The vein is often brecciated and contains a clay matrix. Future mining as silica flux depends on the ability to mine the ore clean enough to keep the alumina content low. Another possibility would be to identify a large enough reserve (a task that would be aided by higher precious metal prices) to capitalize a mill. This option is necessary as the Copperstone mill is being decommissioned.

Engineer: Nyal J. Niemuth
Date: June 28, 1993

REA PETRO CORPORATION

YUMA COUNTY

MG WR 3/19/82: Learned from Mr. Dick Park of the BLM in Phoenix that the Oakland mine (Sec. 10, T1S R14W) in Yuma County is owned by Mr. G. W. Morgan 1210 N. 35th Street, Phoenix, AZ 85008, phone 275-6104. Mr. Morgan has leased this property (including portions of Oakland, Verdstone, and Bronco claim groups in Sections 3 & 10) to Mr. L. W. Reaugh, President, Rea-Petro, 1-558 Howe St., Vancouver, B. C., Canada, V6C 2C9, phone (604) 684-7527. This property is partly in a BLM Wilderness Study Area in the Little Horn Mountains. It may be reached by driving south from Highway I-10 on the Hovatter Road. The Rea-Petro company is presently core dilling for gold values that occur in quartz veins in volcanics.

KAP WR 5/7/82: George Morgan reported on a number of his properties: The Oakland Mine in Sec. 3 and 10, T1S R14W is a group of 111 claims. Rea Petro Corp. of Vancouver B. C. has an exploration lease on the group and his reportedly located an additional 4 - 5000 claims.

KAP WR 1/14/80: Mr. George Alama, 1334 W. Linder Ave., Mesa, AZ has leased the Oakland, Bronco and Verdstone claims from George Morgan. Alma stated he is a complete novice so was advised to hire a consultant.

Letter from M. D. Durfee, BLM, to KAP 3/31/82: Enclosed is the Rea Petro venture. (see file) Last week, they were drilling for assay and to delineate a quartz vein. A local driller has been engaged by F.M.S. Consulting, Inc., a California firm, that is overseeing the operation.
CANADIAN

CJH WR 6/11/82: Phone Call: From Dave Rabb. Dave reported that he received a phone call from an Andrew Brichant, Head of International Gold Bullion Exchange, 204 Centurn Park Cast, Los Angeles, CA. Mr. Brichant said that his company holds three claims--Bronco, Oakland and Verdstone--in the Sheep Tanks District, Yuma County, 90 miles west of Phoenix. Alledgedly they have millions of tons of 0.4 oz/ton Au rock which is amenable (88% recovery) to gravity concentration if ground to 140 mesh. They plan to follow the old flowsheet described in T. K. Rose's "Metallurgy of Gold". I asked Dave is they had to grind that fine why they didn't float it, as there are contained sulphides. He said he was not too impressed by Mr. Brichant's technical commentary. A Ken Masero is the Chief Metallurgist. Mr. Brichant asked Dave if he knew where there was a company in Arizona that would, for testing purposed, grind three tons of the rock to 140 mesh.

VERDSTONE, BRONCO, OAKLAND CLAIMS YUMA COUNTY

RRB WR 1/21/83: Visited the Verdstone, Oakland, Bronco property of Rea-Petro in Sections 3 and 10 T1S R14W, Yuma County. Carl Clark of Hermosa Oro Inc., ~~%6588 Jade Court, Rohnert Park, California~~ 94928, has 177± claims around this property. A non-liability notice was posted on a travel trailer at the Verdstone and there was evidence of drilling and surface sampling. There was possibly some sampling at the Oakland also. (any Corp.)
3924 W. Angela Dr. Glendale 85308 (6-20-82)

KAP WR 2/18/83: Wayne Winters, Editor, Western Prospector and Miner reported the following: Rea Petro keeps sending him promotional news releases. He explained that he won't print such material without some background on the company. They have never returned any of his calls.

NJN WR 3/4/83: It was reported that Rea Petro has blocked out 30,000 tons by drilling that runs .37 oz gold, 3.9 oz silver per ton. Still to be drilled is an 800' x 1,000' target that has potential to contain 500,000 tons. The property is the Verdstone, Bronco and Oakland, Yuma County.

DMS CONSTRUCTION CO. (RENO NEV) DON MARSHALL SMITH - OFFICE IN VANCOUVER) DOING DRILLING FOR REA PETRO. COMMITTED TO SPEND $450,000 per MR CARL CLARK 6-20-83

The Narrow-gage Scout, located in Casper, Wyoming in issue of June 1983 reported that Rea Gold at the B.V.O. prospect claims that several major companies are interested in the property. To date drilling has indicated 115,000 tons at 0.301 ounces and 2.33 ounces of silver per ton.

RRB WR 7/15/83: Carl W. Clark, President of Hermoso Oro Inc. 938-7121 reports that they have claims around Rea Petra's BVO property and that they are moving a trailer onto their claims. He invited us to stop by if we're in the area. He said that he thinks Lincoln Resources has taken over the lease on the BVO property as of July 4, 1983. A boyles Brothers Drilling rig is now on the property.

VERSTONE, BRONCO, OAKLAND CLAIMS YUMA COUNTY

RRB WR 8/19/83: Carl Clark of Hermosa Oil called to inquire about ND Resources. He reports that Lincoln Resources has stopped Boyles Bros. from drilling on the BVO property until they have worked out the geology.

RRB WR 8/26/83: Visited the BVO Gold property of Lincoln Resources in Yuma County. No one was on the property but there was evidence of additional drill sites since my last visit.

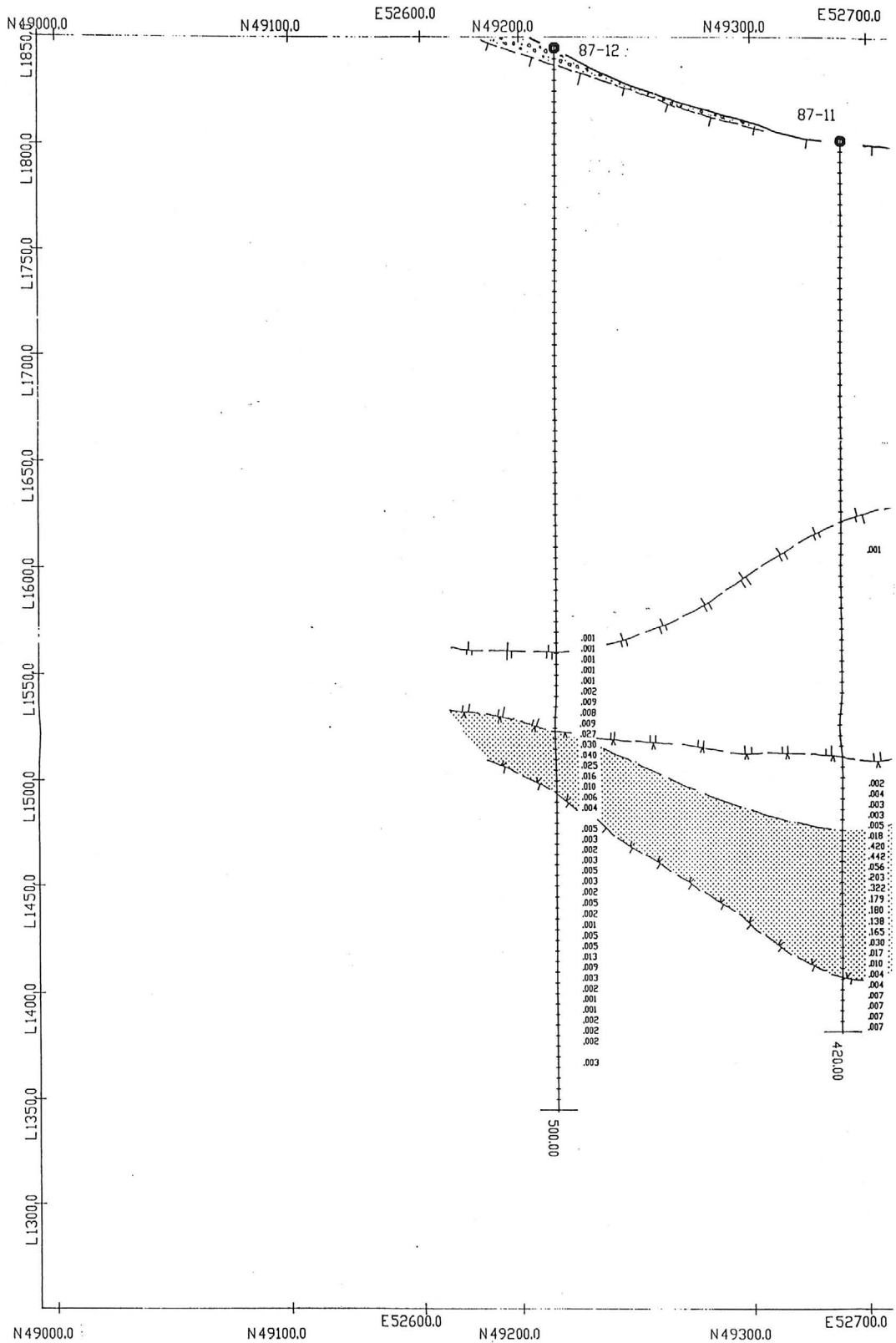
RRB WR 1/27/84: Lance Hughson (card) a geologist reports that there is no activity at the BVO but there is an Austin Resources sign on the property.

NJN WR 2/8/85: John Challinor reported Rea-Gold has plotted 22 drill hole sites on the Verdstone, Oakland, Bronco (f) Property, Yuma County.

NJN WR 4/18,25/86: George Morgan (c) received my letter in response to his advertised mining properties and reported the following: At the Verdstone (file) Yuma (BVO) property rea-Gold Corp (c) continues their lease but is seeking a new joint venture partner.

NJN WR 10/10/86: Robert L. Franche, 2203 E. Heatherbrae, Phoenix, Arizona 85016 is half owner, along with George Morgon (c) in the BVO (Oakland - file) Yuma County. Franche reports that Rea Gold (c) has dropped their interest in the property. They are currently conducting negotiations with Freemont Gold Corp, 344 E. 6th Street, N Vancouver V7L 1P6 (604) 985-9627, who would like to buy the property outright for $500,000. Mr. Franche has a final report on the property by Rea Gold which he has promised to bring to our office for us to copy.

NJN WR 6/26/87: Fred Bodine (card) reproted that Homestake Mining Company (card) is signing a lease agreement with George Morgan (card) on the Oakland (file) Yuma County and that Homestake has already picked up some claims from Mrs. Carl Clark.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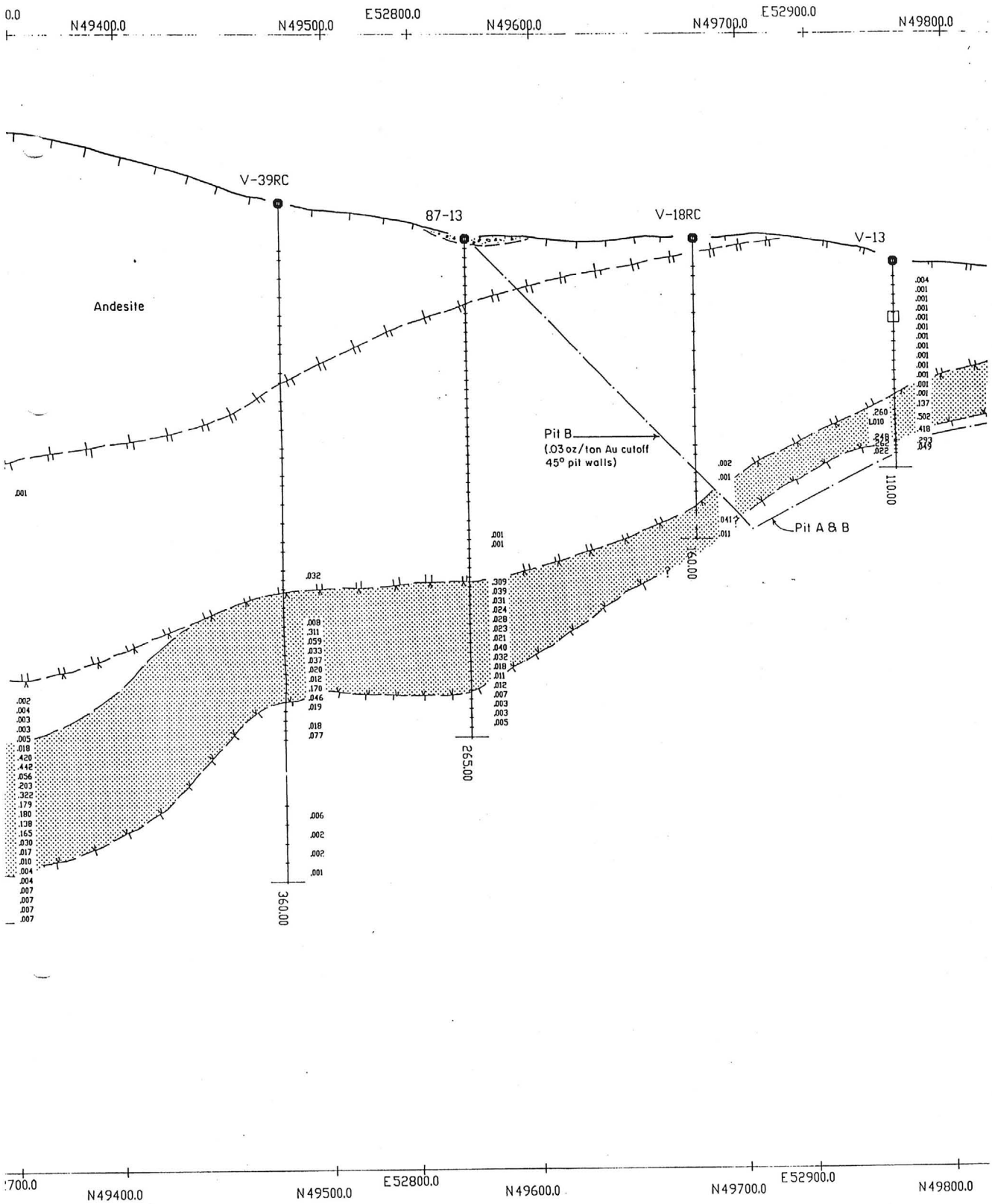
M37-1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E52800.0
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V-39RC
87-13
V-18RC
V-13
Andesite
Pit B
(.03 oz/ton Au cutoff
45° pit walls)
Pit A & B
360.00
265.00
160.00
110.00
700.0
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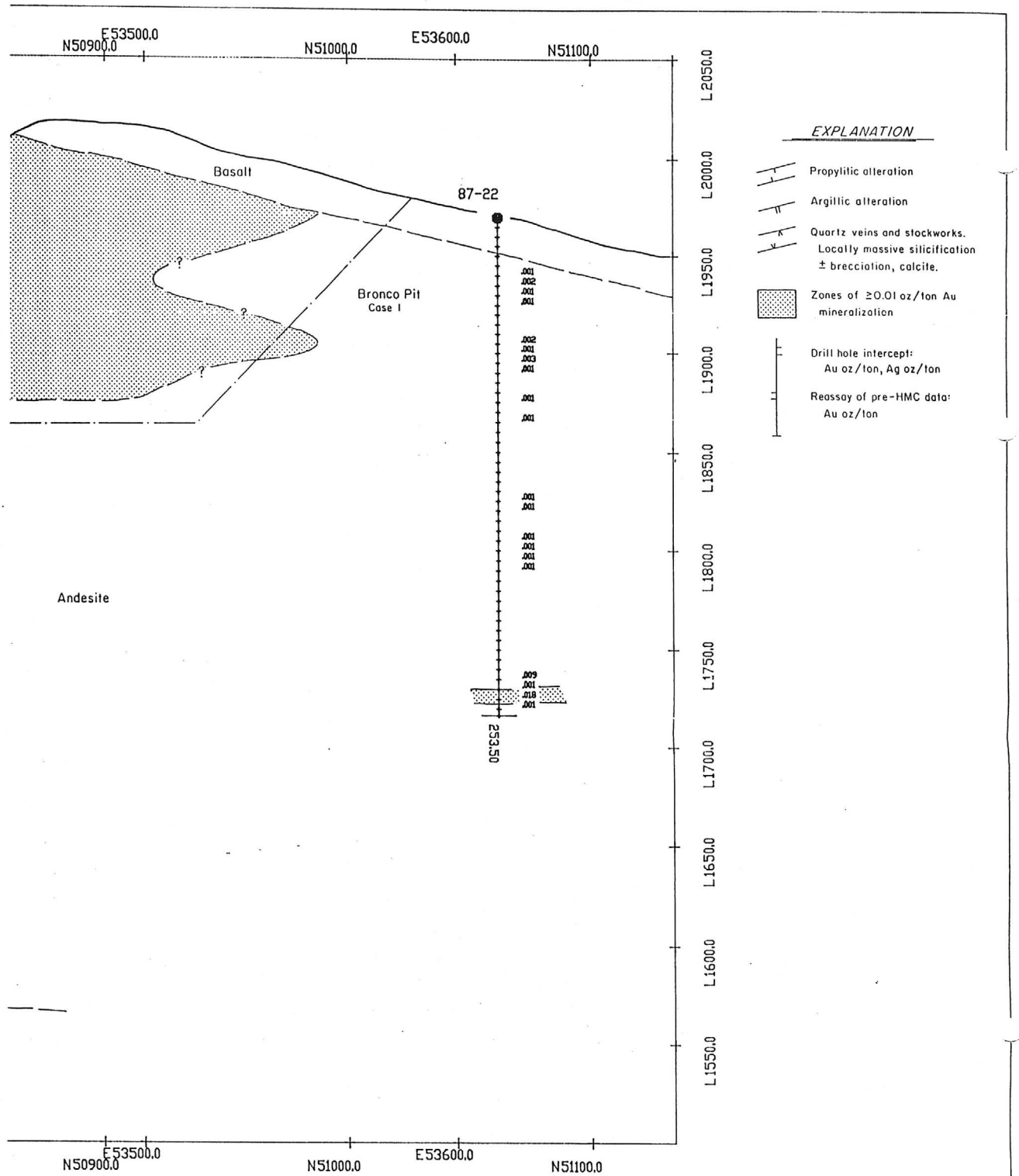
M37-2



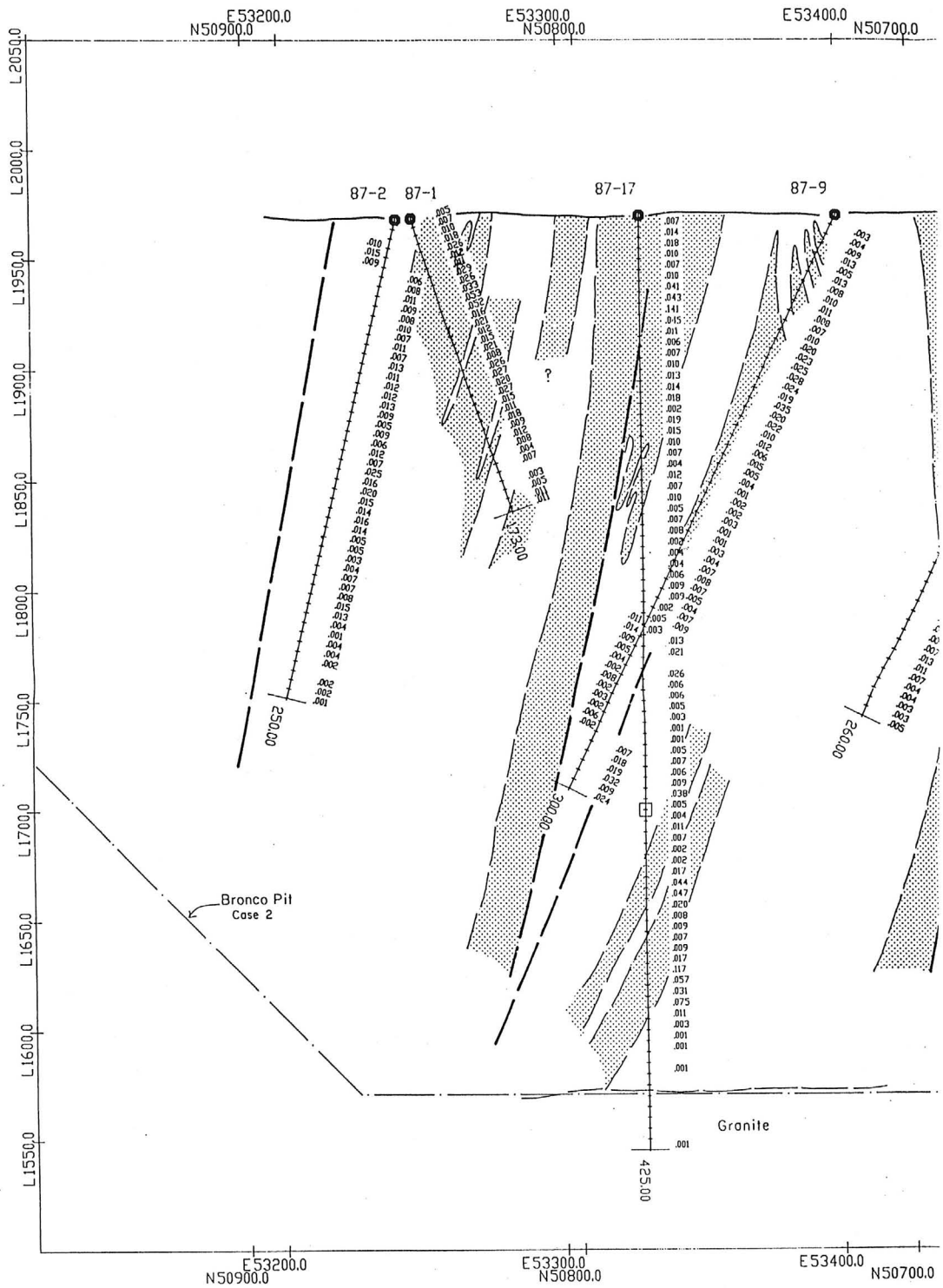
SCALE

-50. 0. 50.

DATE : 1/22/1988	BVO PROJECT, Yuma County, Arizona
UNITS : FEET	Bronco Zone, Case 1
REVISED BY / DATE	Section B1 - B1'
RDS/kap / FEB.1988	Mineralization is Flat Lying

Data Processed by : Homestake Mining Company
Software by : Geostat Systems, Golden CO.U

M-90-2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87-9
?
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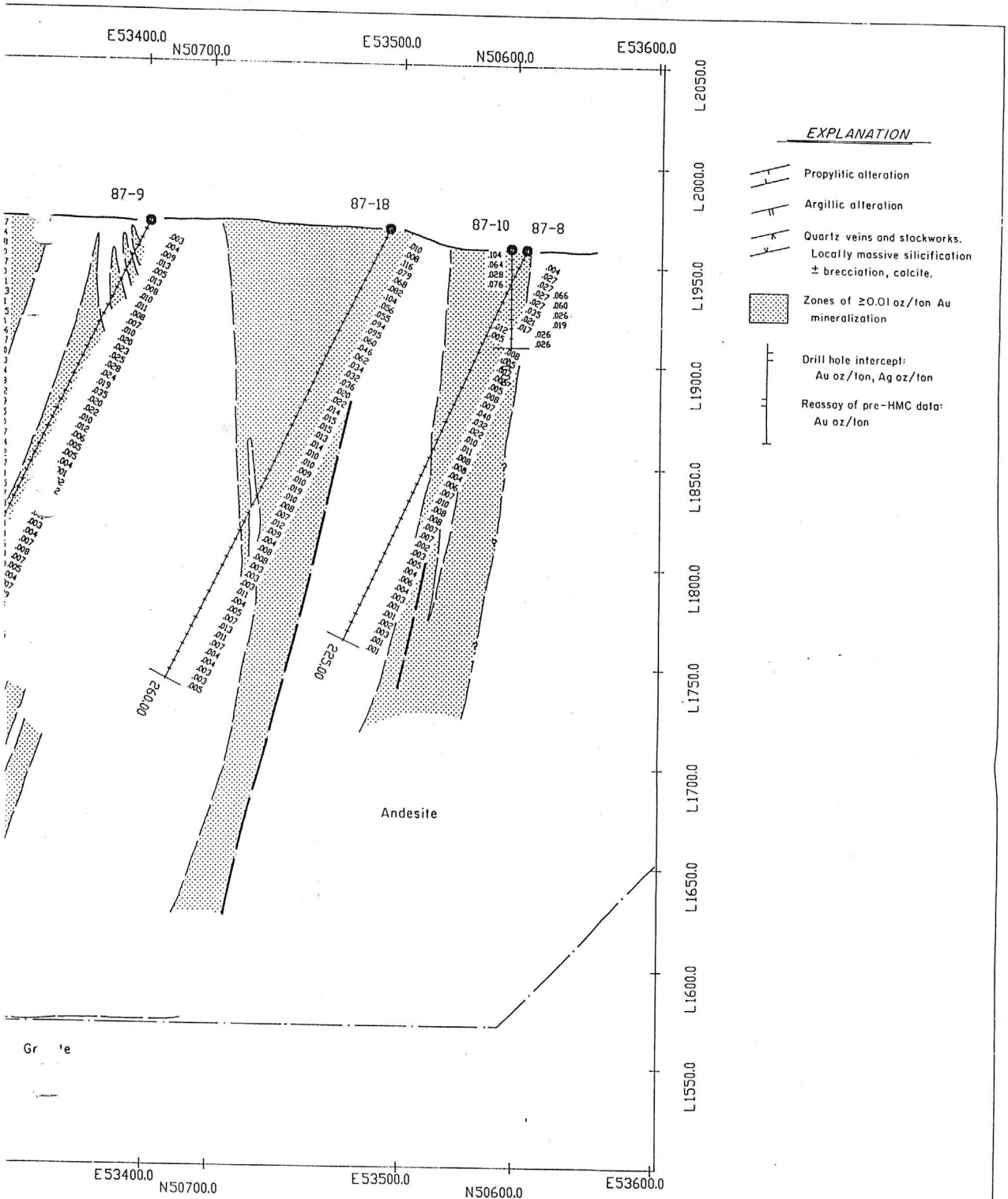
Bronco Pit
Case 2
Granite

M41-1



SCALE

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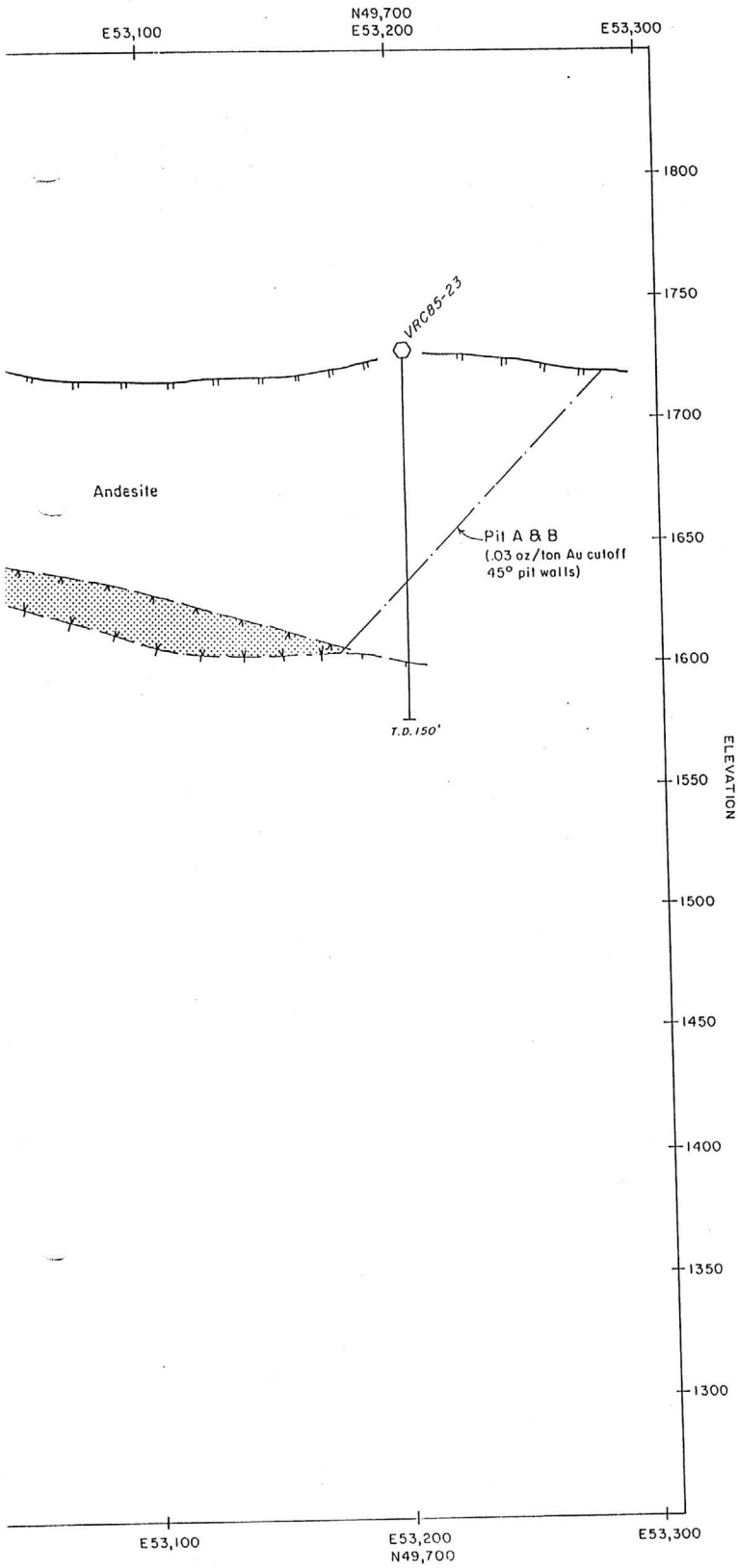
UNITS : FEET	
REVISED BY: RDS/kap — DATE: FEB.1988	
	Data Processed by : Homestake Mining Company Software by : Geostat Systems, Golden CO.U

M-91-2



EXPLANATION

- Propylitic alteration
- Argillic alteration
- Quartz veins and stockworks. Locally massive silicification ± brecciation, calcite.
- Zones of ≥0.01 oz/ton Au mineralization
- Drill hole intercept: Au oz/ton, Ag oz/ton
- Reassay of pre-HMC data: Au oz/ton

50 0 50 100
FEET

Section V3-V3'

HOMESTAKE MINING COMPANY

VERDSTONE ZONE

B.V.O. PROPERTY

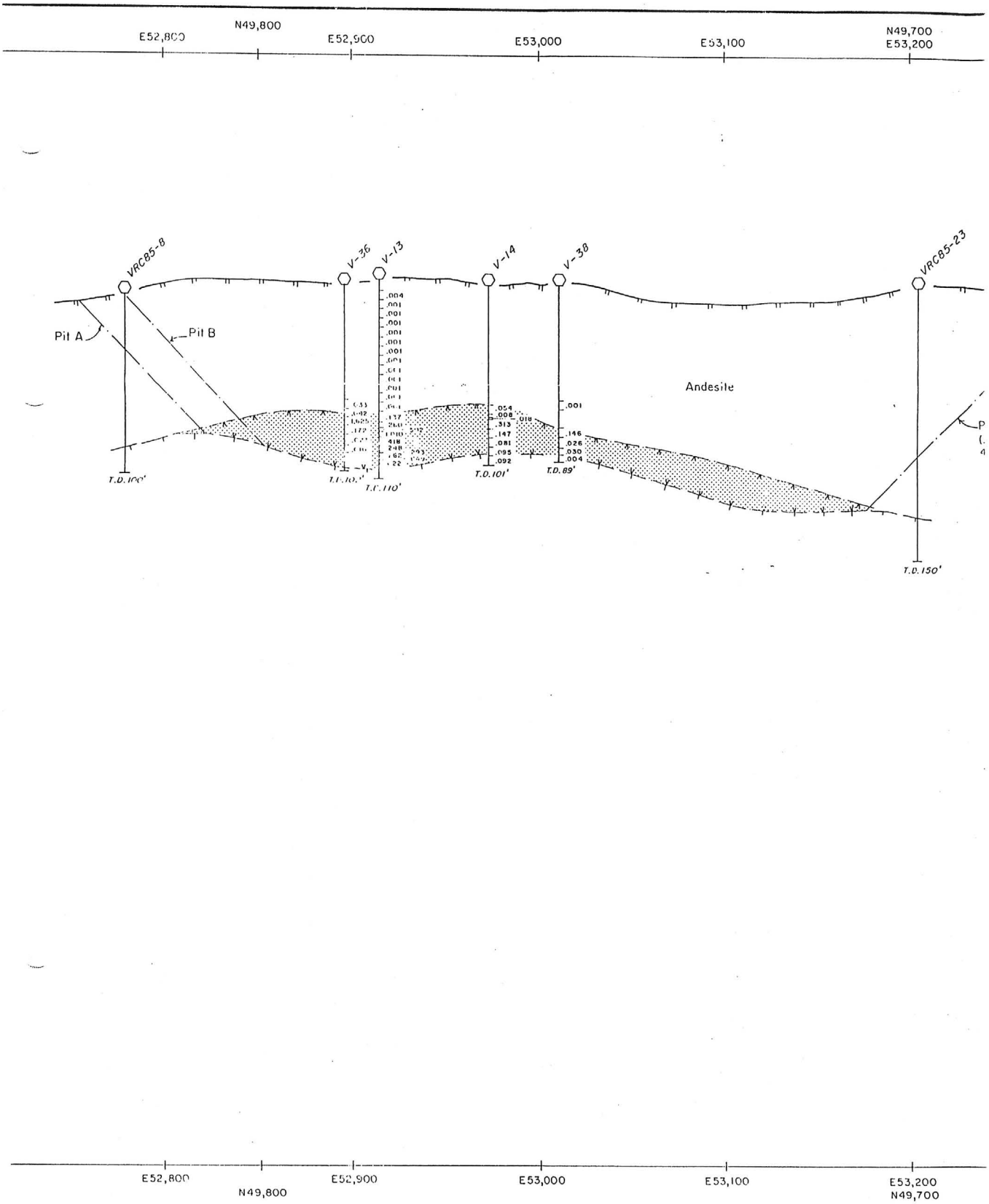
YUMA COUNTY, ARIZONA

DATA: M. Johnson
DRAFTED BY: RDS-kap

DATE: FEB. 1988
REVISIONS:

HOMESTAKE

M-39-3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V-36
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V-14
V-38
VRC85-23
Pit A
Pit B
Andesite
T.D. 100'
T.D. 110'
T.D. 101'
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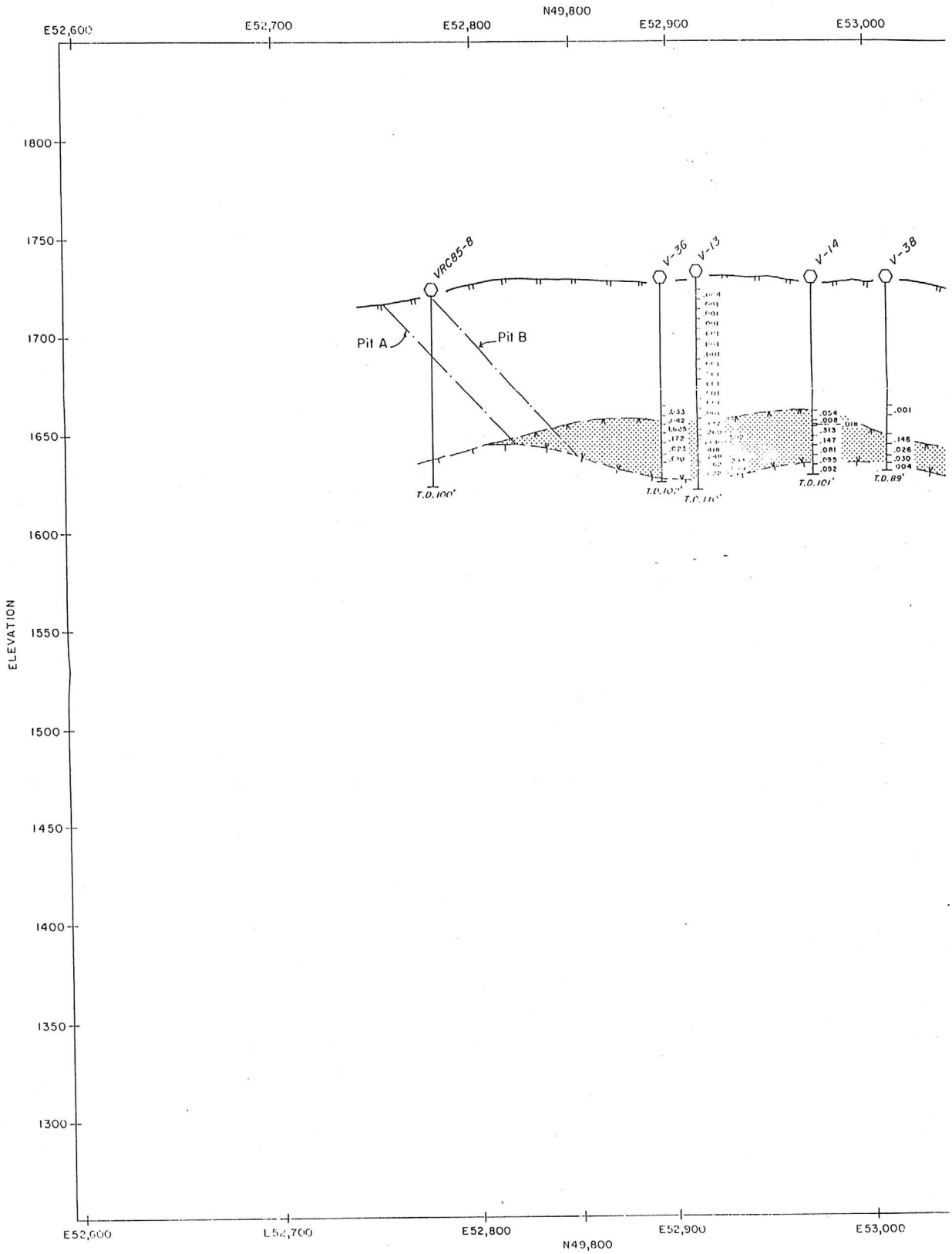
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1700
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1600
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1400
1350
1300
ELEVATION
VRC85-8
V-36
V-13
V-14
V-38
Pit A
Pit B
T.D. 100'
T.D. 101'
T.D. 89'
.054
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.081
.095
.092
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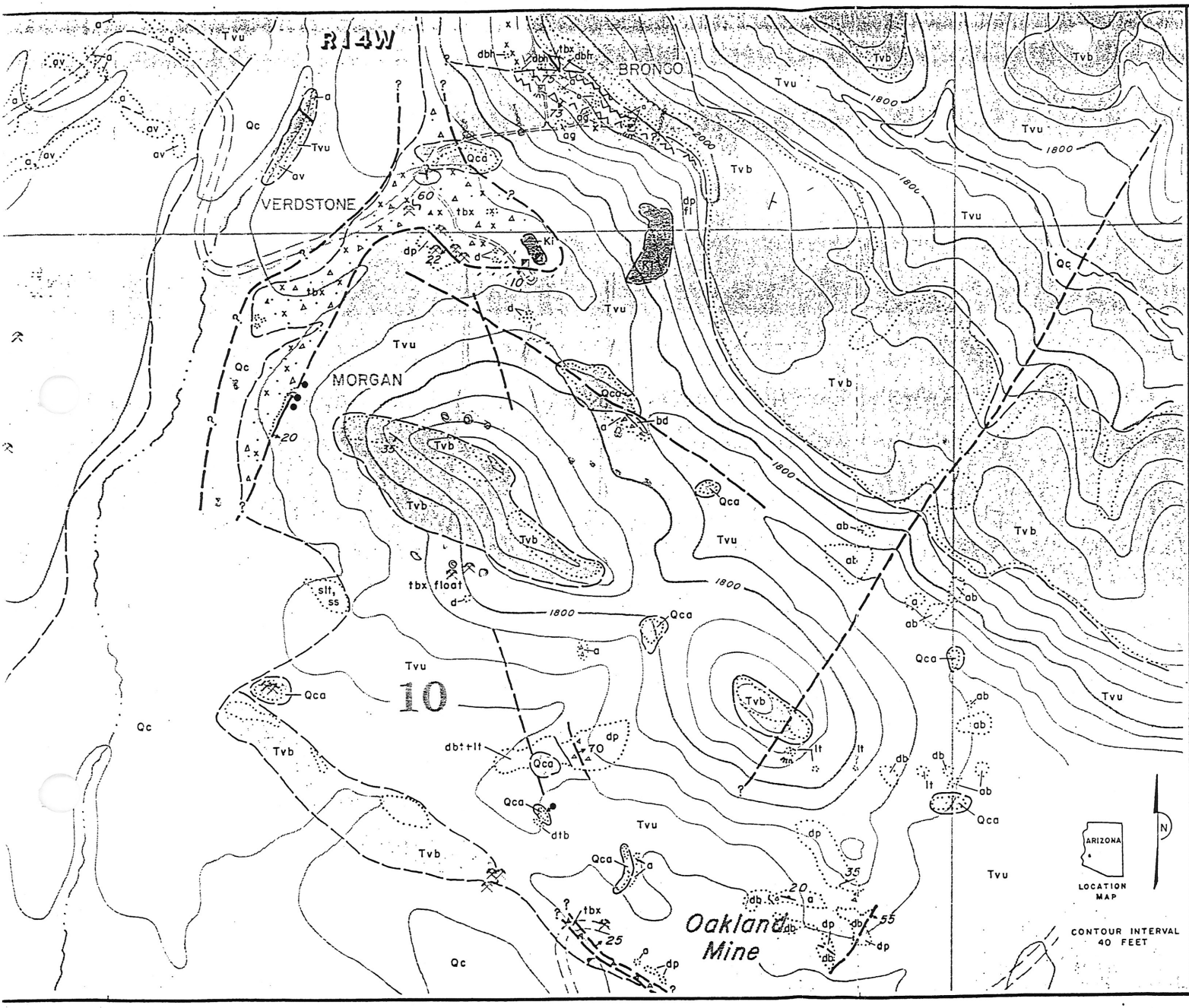


EXPLANATION

- Qca — CALCREY CEMENTED TALUS
- Qc — COLLUVIUM, ALLUVIUM LOCALLY SILTSTONE, SANDSTONE
- Tv — BASALT, MASSIVE VESICULAR
- Tvu — UNDIFFERENTIATED VOLCANICS
  - d — RHYODACITE
    - dp — PORPHYRY
    - dt — TUFFS
    - db — BRECCIA
    - dtb — TUFF BRECCIA
    - dbh — HEMATITE BRECCIA
  - ds — SPHEROLITC RHYODACITE
  - dg — GLASSY DACITE TUFF
  - dsg — GLASSY SPHEROLITIC RHYODACITE TUFF
  - dsb — GLASSY RHYODACITE TUFF BRECCIA
  - dsl — WATERLAIN RHYODACITE TUFFS
  - dfl — FLOW BANDED RHYODACITE
  - a — ANDESITE
    - ap — PORPHYRY
    - at — TUFFS
  - al — LITHIC ANDESITE
  - ag — GRANULAR ANDESITE
  - av(p) — VESICULAR ANDESITE (PORPHYRY)
  - i — IGNIMBRITE
  - lt — LAPILLI TUFF
  - flt — WATERLAIN LITHIC TUFF
  - ftb — FELSIC TUFF BRECCIA
  - lhr — LAHARIC BRECCIA
  - bd — BASALTIC DIKE
- Ki — GRANODIORITE (?) INTRUSIVE
- tbx — TECTONIC BRECCIA, HEMATITIC WITH NUMEROUS QUARTZ FRAGMENTS AND VEINLETS. QUARTZ OFTEN GREEN COLORED WHERE MINERALIZED.
- FAULT, SHOWING DIP. DASHED WHERE INFERRED
- CONTACT, OUTCROP CONTACT
- HEMATITE
- SILICIFICATION QUARTZ VEINING
- ARGILLIC ALTERATION
- SHEARING
- BRECCIATION
- STOCKWORK SHEARING
- PROPECT PIT, COSTEAN, SHAFT
- DRILL HOLE
- 35 — STRIKE AND DIP OF BEDDING
- 60 — STRIKE AND DIP OF CRUMPLED BEDS

500 0 500 1000
FEET

GEOLOGY

HOMESTAKE MINING COMPANY

B.V.O. PROPERTY

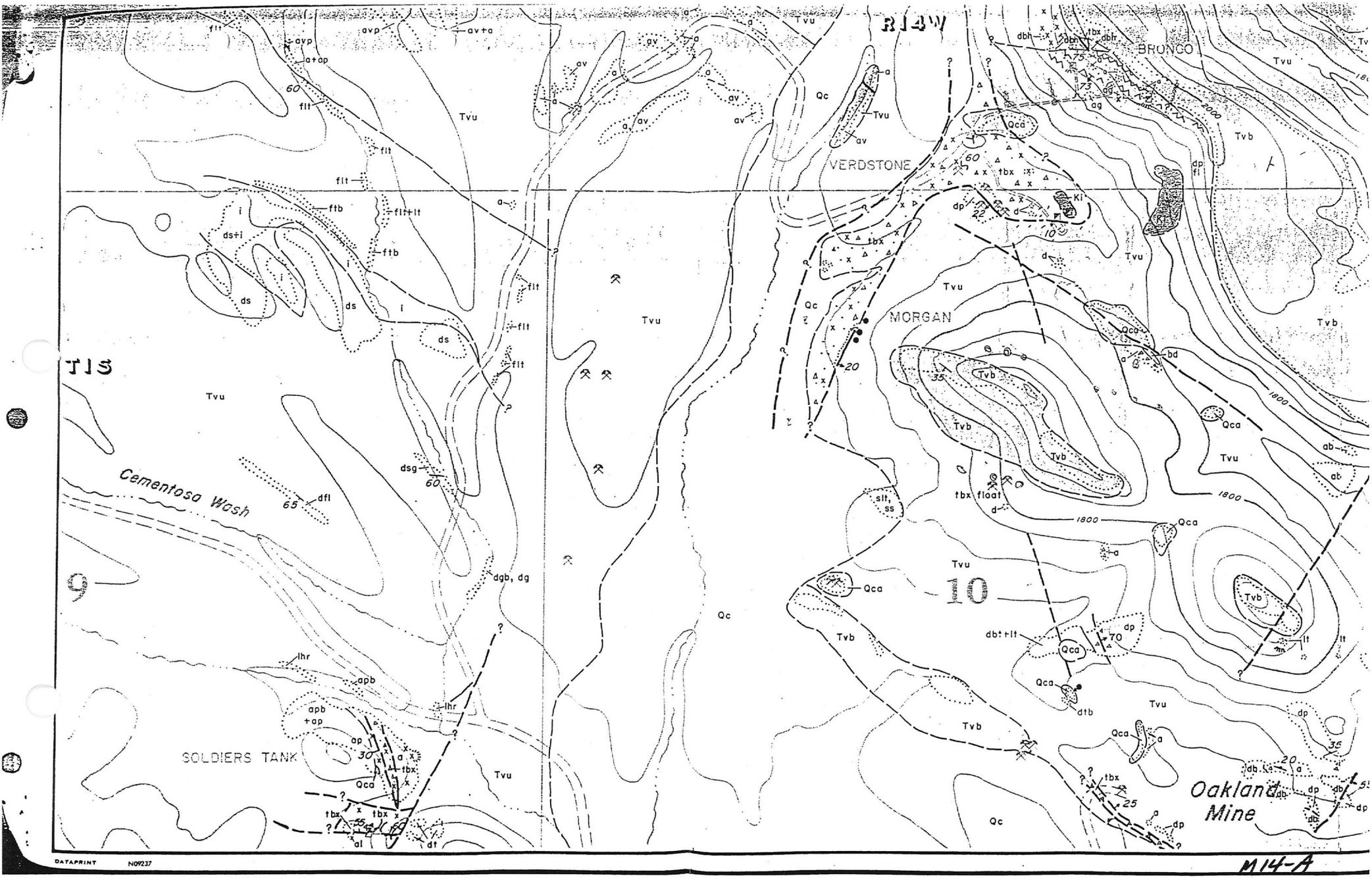
YUMA and LA PAZ COUNTIES, ARIZONA

DATA: M. JOHNSON
DRAFTED BY: RDS/bw
DATE: JUNE 1987
REVISIONS:

M-14

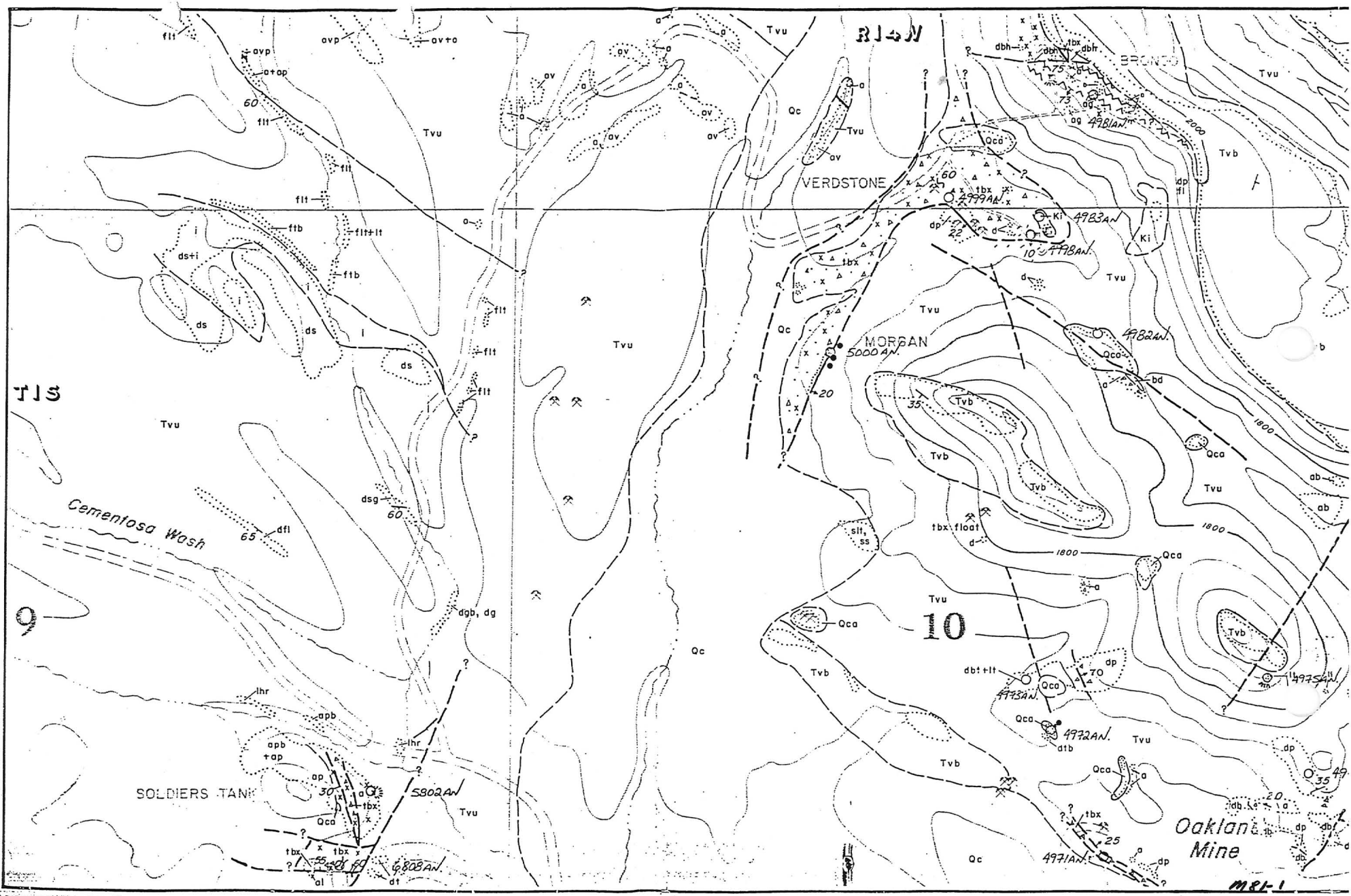
HOMESTAKE

Fig. 2



DATAPRINT N09237

M14-A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VERDSTONE
BRONCO
MORGAN
SOLDIERS TANK
Cementosa Wash
Oakland Mine
10
Tvu
Tvb
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Ki
flt
avp
a+ap
av+a
av
ftb
flt+lt
ds+i
ds
dsg
dfl
dgb, dg
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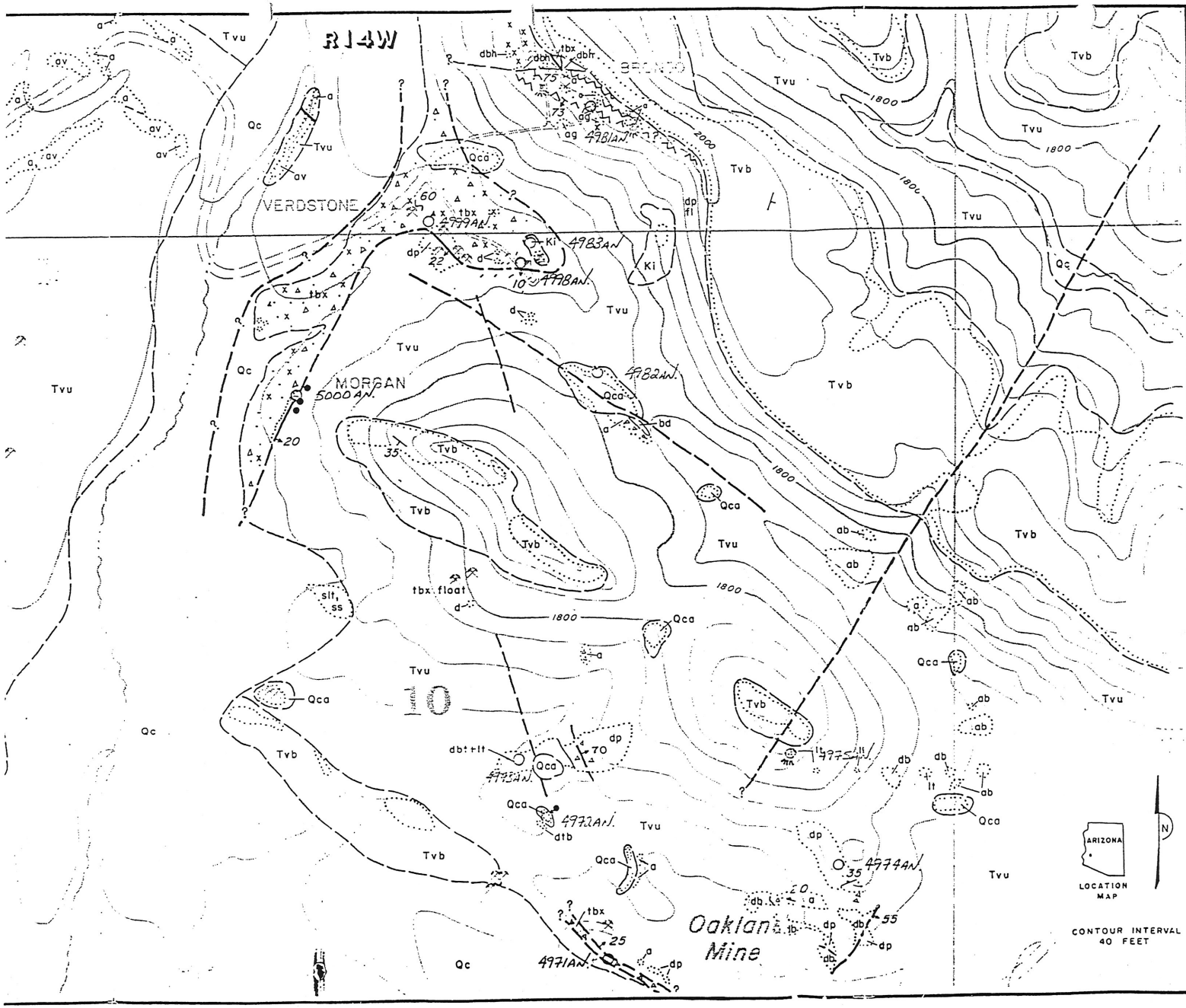


EXPLANATION

Qca	CALCRETE, CEMENTED TALUS
Qc	COLLUVIUM, ALLUVIUM LOCALLY SILTSTONE, SANDSTONE
Tvb	BASALT, MASSIVE VESICULAR
Tvu	UNDIFFERENTIATED VOLCANICS

- d — RHYODACITE
  - dp — PORPHYRY
  - dt — TUFFS
  - db — BRECCIA
  - dtb — TUFF BRECCIA
  - dbh — HEMATITE BRECCIA
  - ds — SPHEROLITC RHYODACITE
  - dg — GLASSY DACITE TUFF
  - dsg — GLASSY SPHEROLITIC RHYODACITE TUFF
  - dsb — GLASSY RHYODACITE TUFF BRECCIA
  - dsl — WATERLAIN RHYODACITE TUFFS
  - dfl — FLOW BANDED RHYODACITE
- a — ANDESITE
  - ap — PORPHYRY
  - at — TUFFS
  - al — LITHIC ANDESITE
  - ag — GRANULAR ANDESITE
  - av(p) — VESICULAR ANDESITE (PORPHYRY)
- i — IGNIMBRITE
  - lt — LAPILLI TUFF
  - flt — WATERLAIN LITHIC TUFF
  - ftb — FELSIC TUFF BRECCIA
  - lhr — LAHARIC BRECCIA
- bd — BASALTIC DIKE

Ki — GRANODIORITE (?) INTRUSIVE

tbx — TECTONIC BRECCIA, HEMATITIC WITH NUMEROUS QUARTZ FRAGMENTS & VEINLETS. QUARTZ OFTEN GREEN COLORED WHERE MINERALIZED.

FAULT, SHOWING DIP. DASHED WHERE INFERRED

CONTACT, OUTCROP CONTACT

HEMATITE

SILICIFICATION QUARTZ VEINING

ARGILLIC ALTERATION

SHEARING

BRECCIATION

STOCKWORK SHEARING

PROPECT PIT, COSTEAN, SHAFT

DRILL HOLE

35 — STRIKE AND DIP OF BEDDING

60 — STRIKE AND DIP OF CRUMPLED BEDS

500 0 500 1000 FEET

PETROGRAPHIC SAMPLE LOCATIONS.

GEOLOGY

HOMESTAKE MINING COMPANY

B.V.O. PROPERTY

YUMA and LA PAZ COUNTIES, ARIZONA

DATA: M. JOHNSON
DRAFTED BY: ROS/bw
DATE: JUNE 1987
REVISIONS:

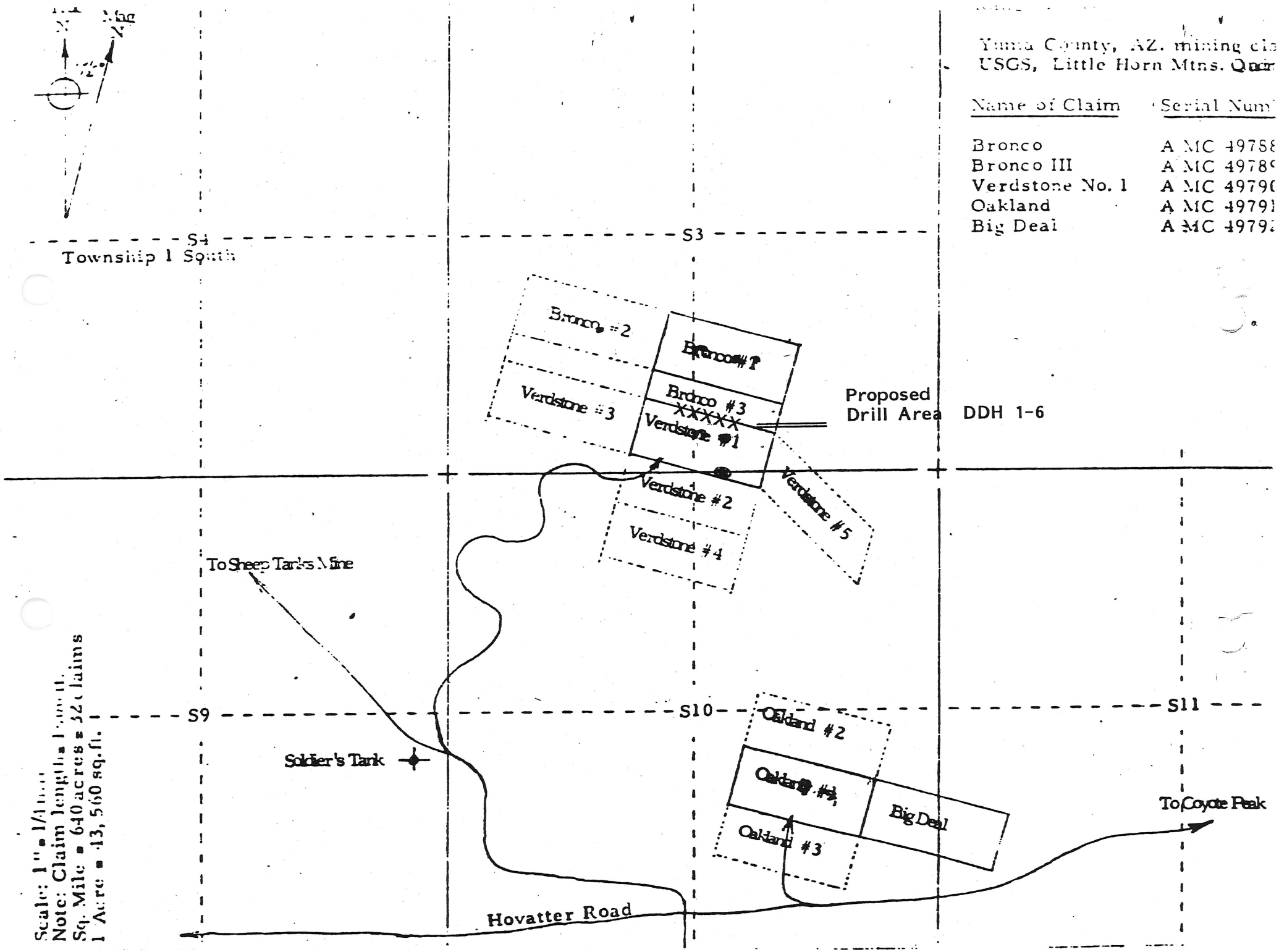
HOMESTAKE

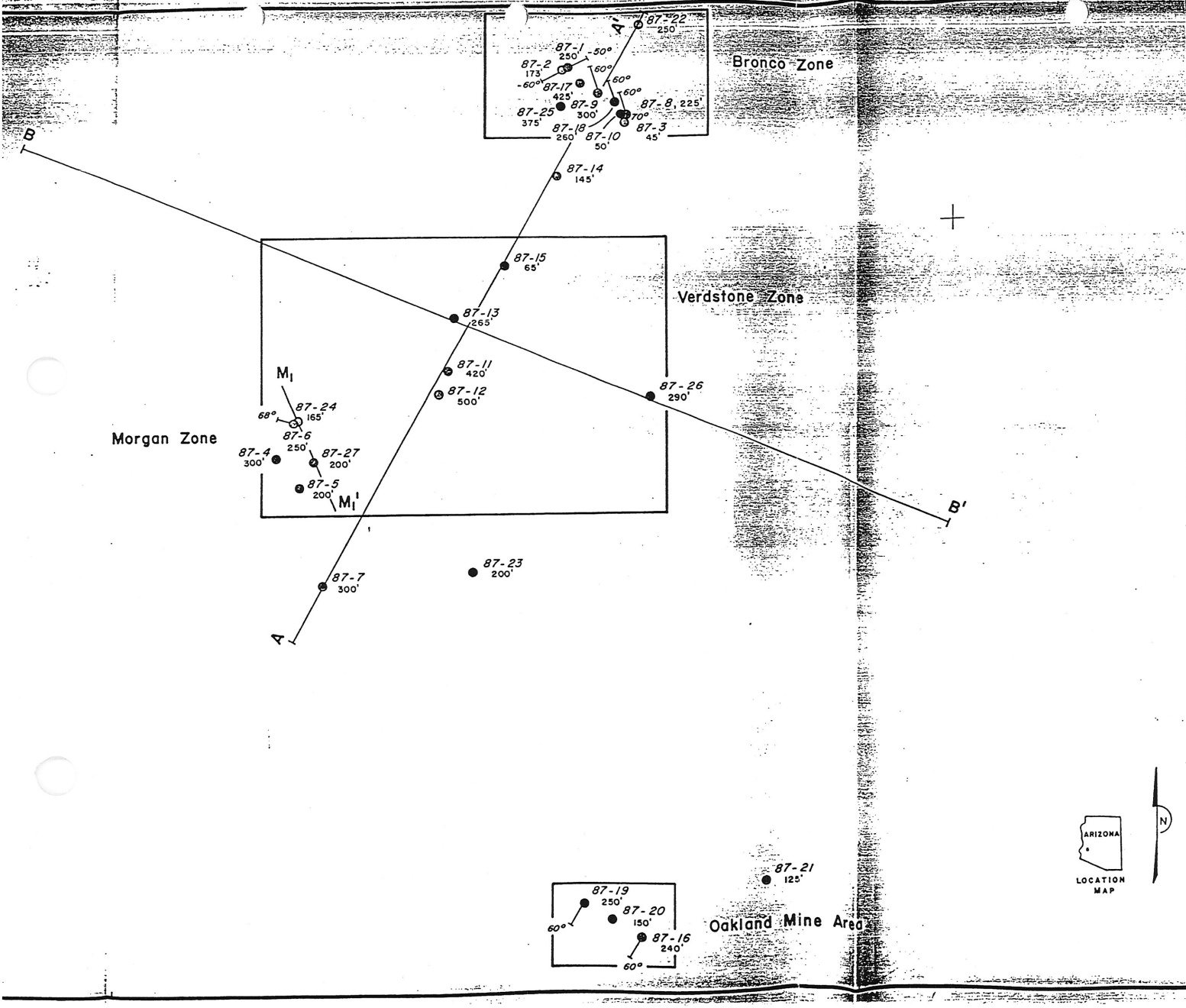
Fig. 2

M-81-2

Yuma County, AZ. mining cla
USGS, Little Horn Mtns. Quad

Name of Claim	Serial Num
Bronco	A MC 49788
Bronco III	A MC 49789
Verdstone No. 1	A MC 49790
Oakland	A MC 49791
Big Deal	A MC 49792





Explanation

Ore	25' @ >0.03 oz/ton Au
Significant	25' @ 0.01 - 0.029 oz/ton Au
Mineralized	25' @ 0.002 - 0.009 oz/ton Au
Barren	< 0.002

87-15 65' 1987 Drill hole with footage

60° Angle hole with bearing and dip

500 0 500 1000
FEET

Drilling Results

HOMESTAKE MINING COMPANY

B.V.O. PROPERTY

YUMA and LA PAZ COUNTIES, ARIZONA

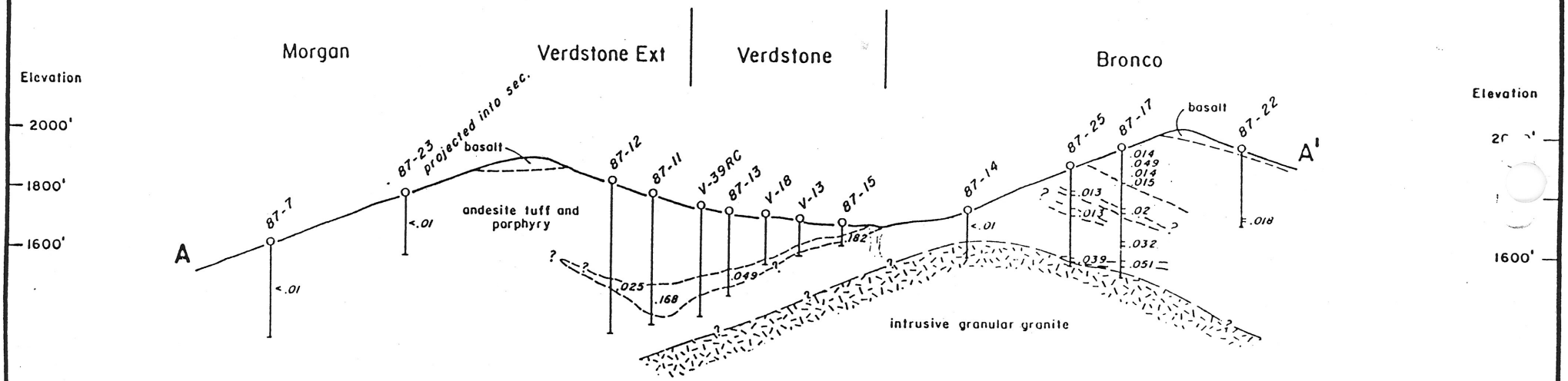
DATA: M. JOHNSON
DRAFTED BY: RDS/bw

DATE: JUNE 1987
REVISIONS: Dec. 87

TM-13

HOMESTAKE

Fig. 2A



Explanation

.123 Drill hole with Au intercept (oz/ton)
0.01 oz/ton cutoff

87-13 1987 HMC drill hole

85, V-18 Previous drilling by others

Mineralized zone

Contact

0 500 1000
FEET

SECTION A-A'

HOMESTAKE MINING COMPANY

B.V.O. PROPERTY

YUMA AND LA PAZ COUNTIES, ARIZONA

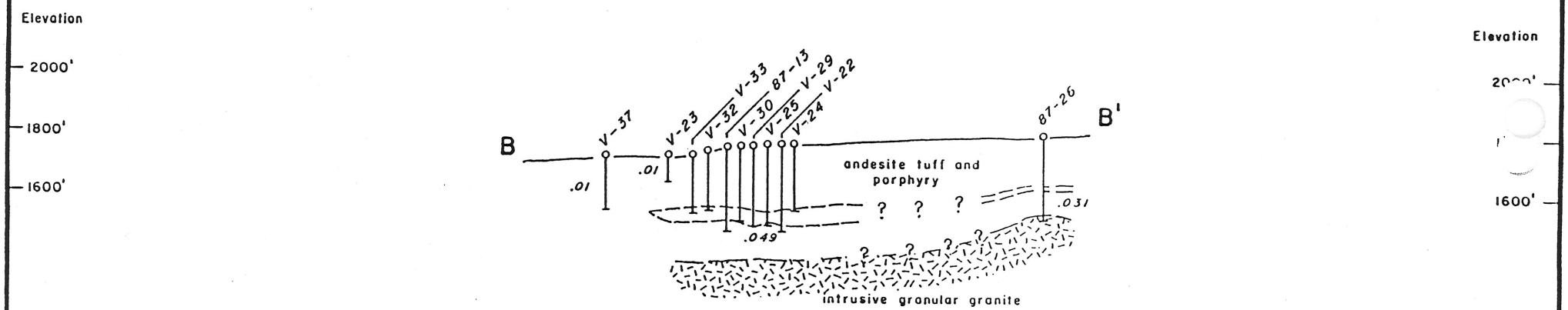
DATA: M. Johnson
DRAFTED BY RDS-kp

DATE: Dec. 87
REVISIONS:

HOMESTAKE

Fig. 3

M-15



Explanation

.123 Drill hole with Au intercept (oz/ton)
0.01 oz/ton cutoff

87-13 1987 HMC drill hole

85, V-18 Previous drilling by others

Mineralized zone

Contact

0 500 1000
FEET

SECTION B-B'

HOMESTAKE MINING COMPANY

B.V.O. PROPERTY

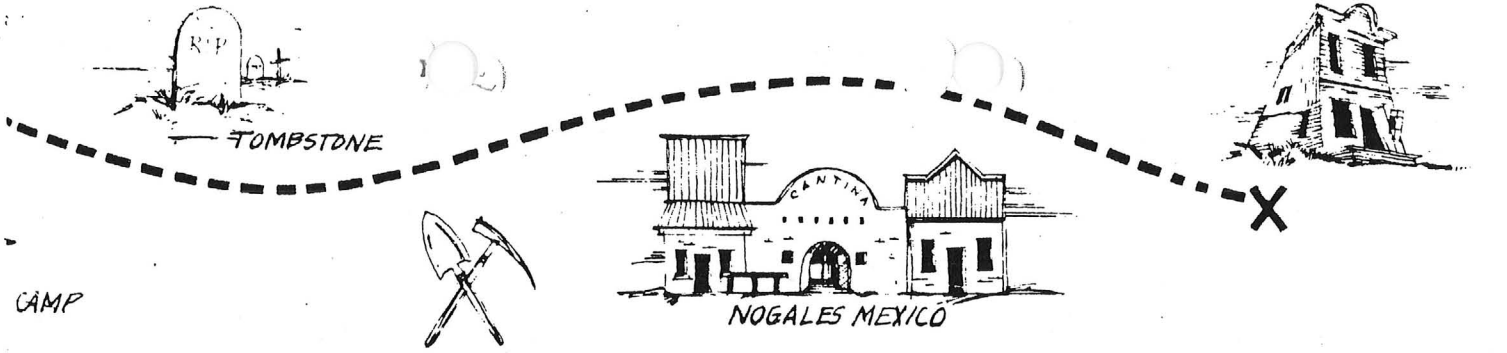
YUMA AND LA PAZ COUNTIES, ARIZONA

DATA M. Johnson
DRAFTED BY RDS-kp, bw
DATE Dec. 87
REVISIONS

HOMESTAKE

Fig. 4

71-16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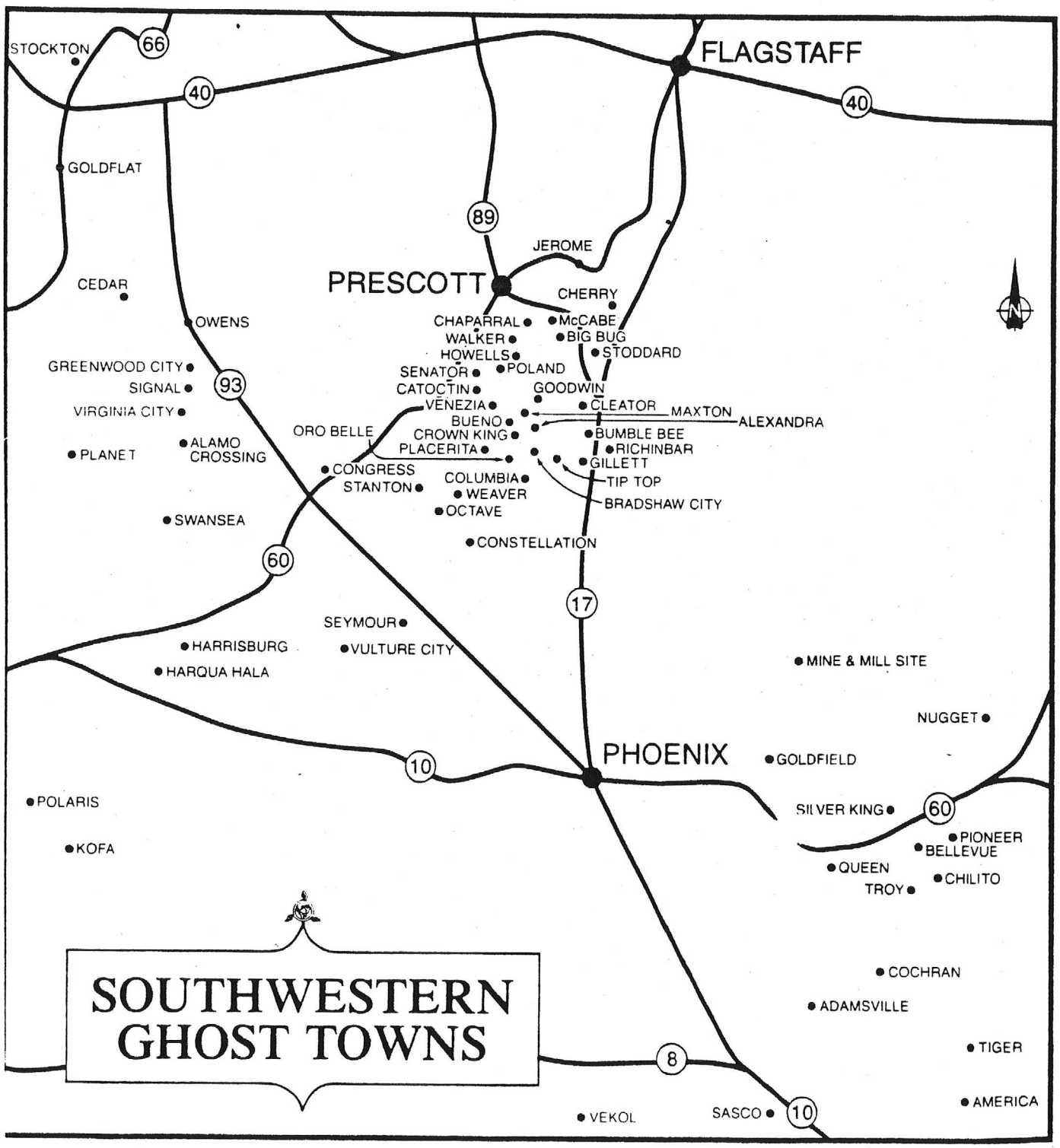
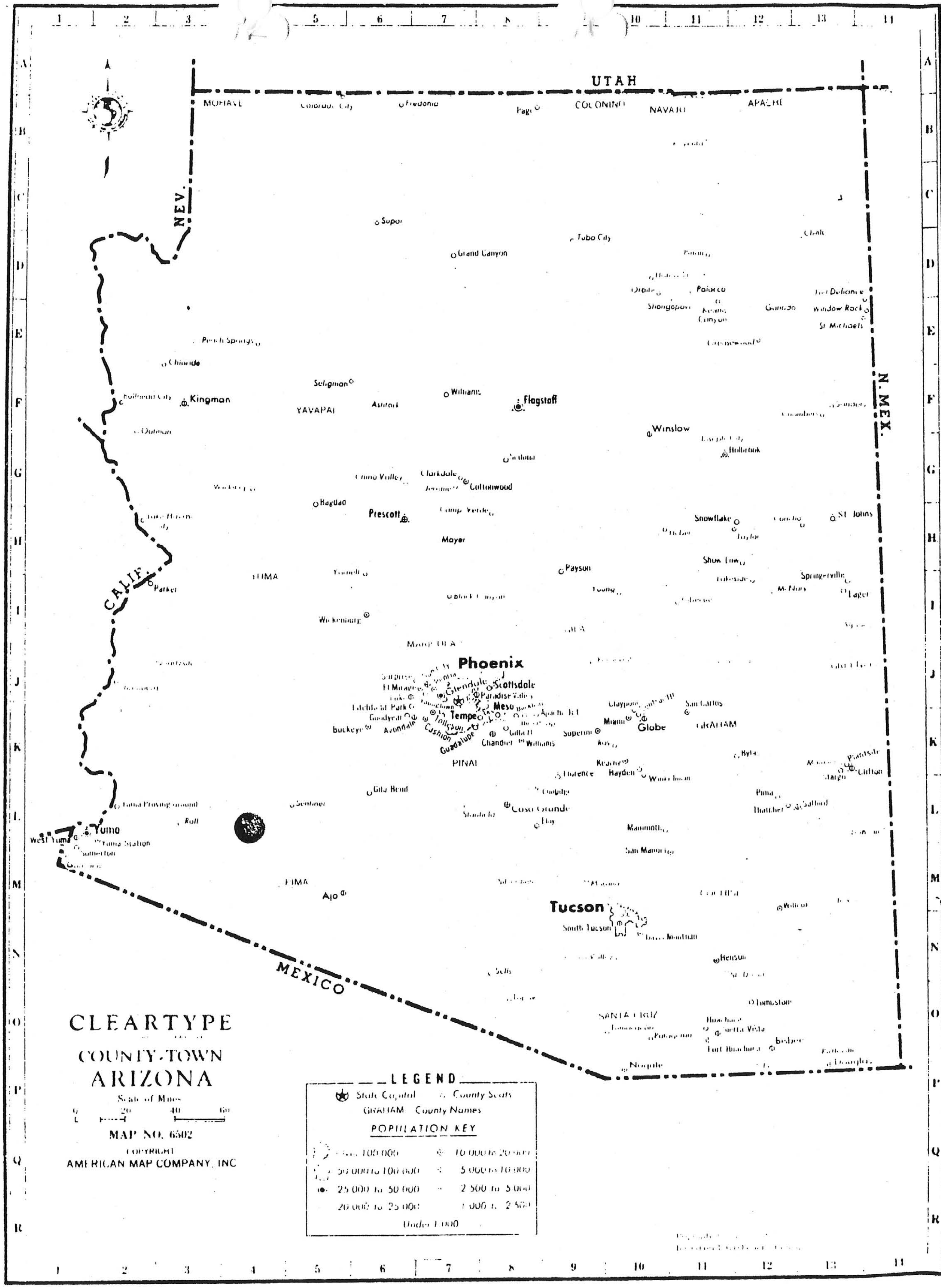
CANTINA
CAMP
NOGALES MEXICO


SOUTHWESTERN GHOST TOWNS
STOCKTON
66
40
FLAGSTAFF
40
GOLDFLAT
89
JEROME
PRESCOTT
CEDAR
CHERRY
OWENS
CHAPARRAL
McCABE
WALKER
BIG BUG
HOWELLS
STODDARD
GREENWOOD CITY
SENATOR
POLAND
SIGNAL
93
CATOCTIN
GOODWIN
VIRGINIA CITY
VENEZIA
CLEATOR
MAXTON
BUENO
ALEXANDRA
ORO BELLE
CROWN KING
BUMBLE BEE
ALAMO CROSSING
PLACERITA
RICHINBAR
PLANET
GILLETT
CONGRESS
TIP TOP
STANTON
COLUMBIA
WEAVER
BRADSHAW CITY
OCTAVE
SWANSEA
CONSTELLATION
60
17
SEYMOUR
HARRISBURG
VULTURE CITY
MINE & MILL SITE
HARQUA HALA
NUGGET
PHOENIX
GOLDFIELD
10
POLARIS
SILVER KING
60
PIONEER
KOFA
BELLEVUE
QUEEN
CHILITO
TROY
COCHRAN
ADAMSVILLE
TIGER
8
AMERICA
VEKOL
SASCO
10


UTAH
NEV.
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N. MEX.
MEXICO
MOHAVE
COCONINO
NAVAJO
APACHE
YAVAPAI
YUMA
PINAL
GRAHAM
PIMA
SANTA CRUZ
Fredonia
Page
Supai
Tuba City
Grand Canyon
Polacca
Shongopovi
Ganado
Fort Defiance
Window Rock
St. Michaels
Peach Springs
Chloride
Kingman
Seligman
Ash Fork
Williams
Flagstaff
Oatman
Winslow
Holbrook
Sedona
Clarkdale
Cottonwood
Chino Valley
Bagdad
Prescott
Camp Verde
Mayer
Snowflake
Taylor
Concho
St. Johns
Show Low
Payson
Parker
Young
Springerville
McNary
Eagar
Wickenburg
Phoenix
Glendale
Scottsdale
Paradise Valley
Mesa
Tempe
Goodyear
Buckeye
Avondale
Guadalupe
Chandler
Williams
Superior
Globe
Miami
San Carlos
Kearny
Hayden
Florence
Winkelman
Clifton
Gila Bend
Sentinel
Casa Grande
Pima
Thatcher
Safford
Yuma
West Yuma
Somerton
Mammoth
San Manuel
Ajo
Tucson
South Tucson
Benson
Tombstone
Bisbee
Nogales
Douglas
CLEARTYPE
COUNTY-TOWN
ARIZONA
Scale of Miles
0 20 40 60
MAP NO. 6502
COPYRIGHT
AMERICAN MAP COMPANY, INC
LEGEND
State Capital
County Seats
GRAHAM County Names
POPULATION KEY
Over 100,000
50,000 to 100,000
25,000 to 50,000
20,000 to 25,000
10,000 to 20,000
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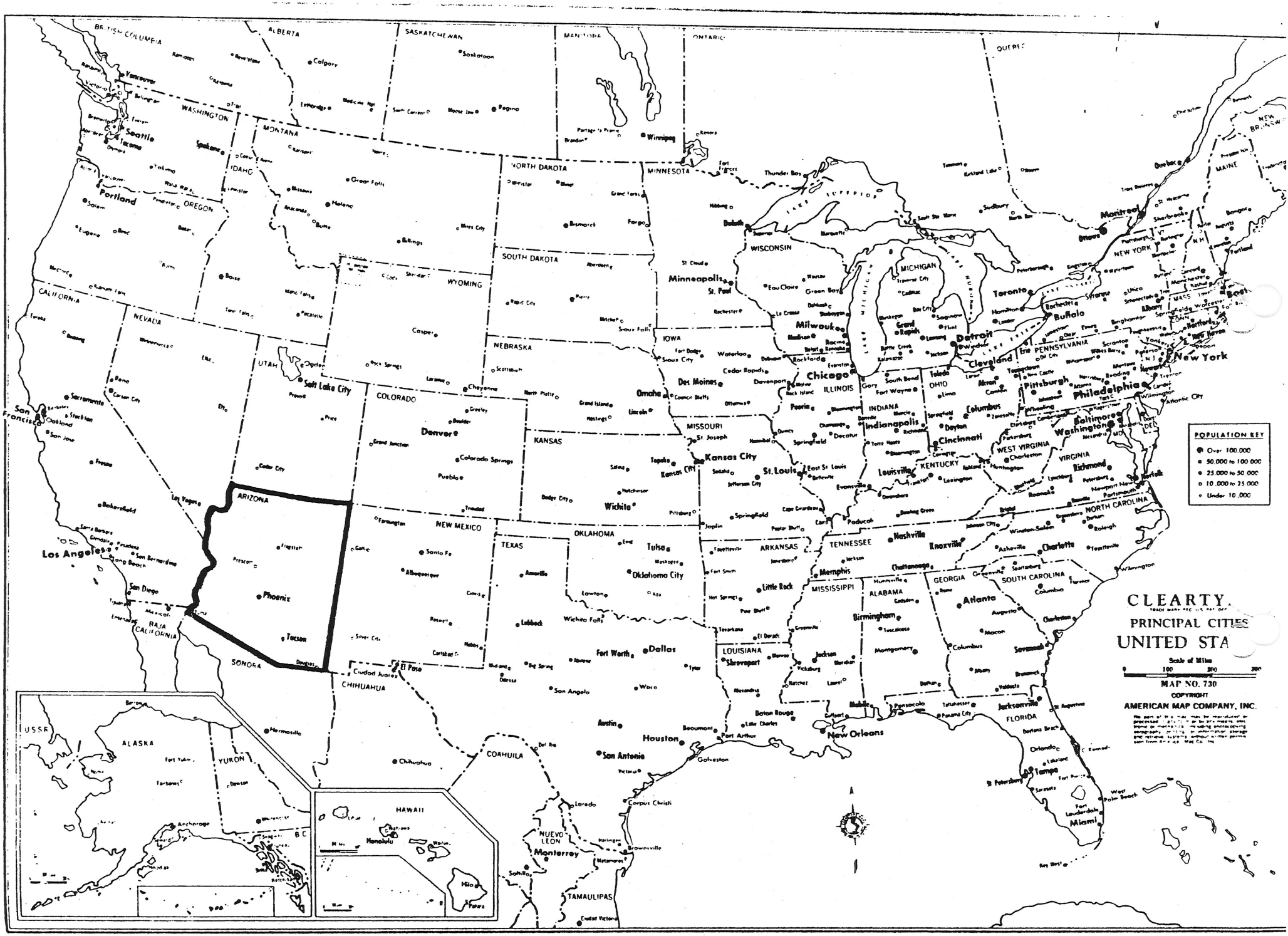
2,500 to 5,000
1,000 to 2,500
Under 1,000


CLEARTY.
PRINCIPAL CITIES
UNITED STA
Scale of Miles
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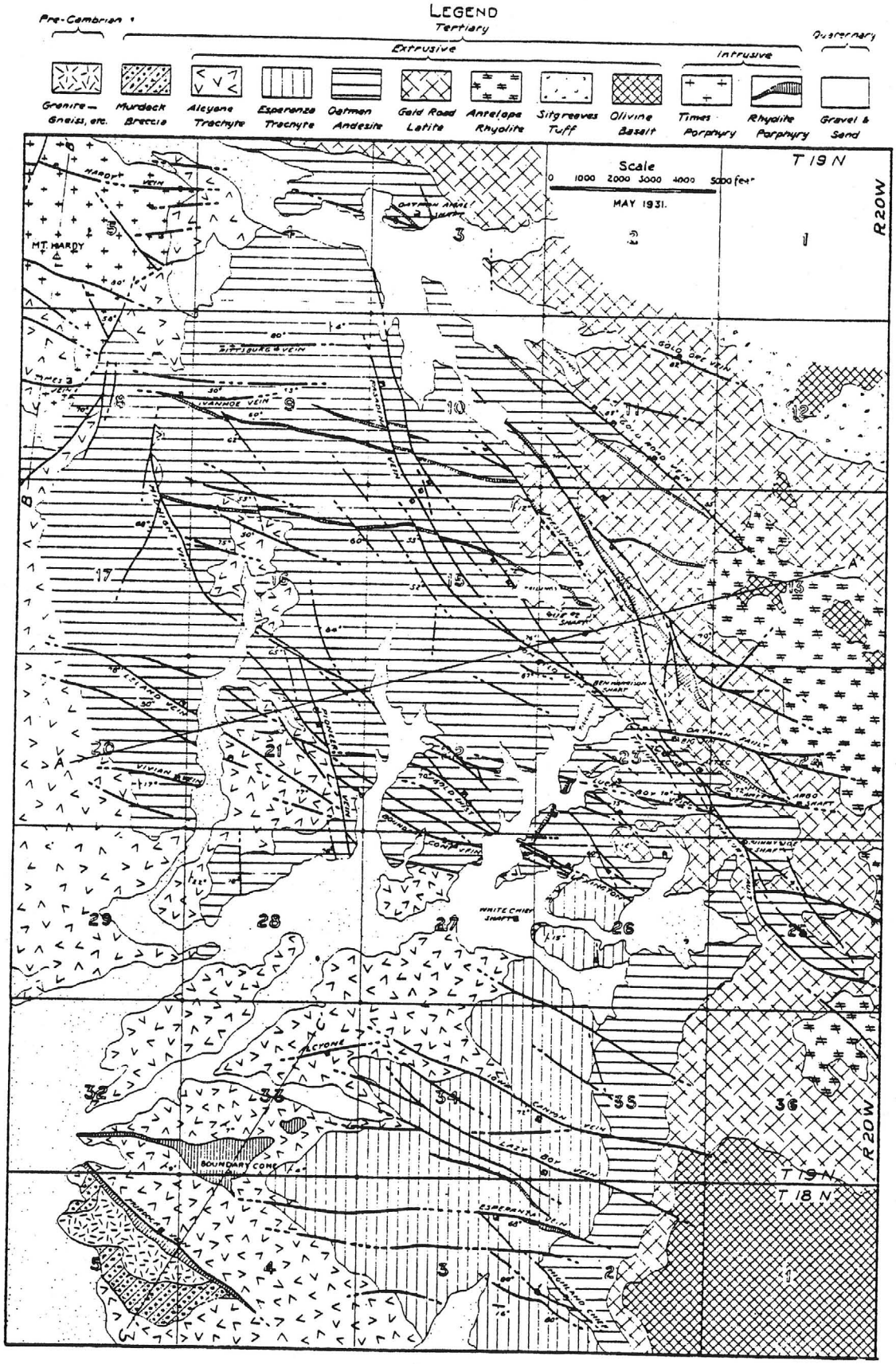
MAP NO. 730
COPYRIGHT
AMERICAN MAP COMPANY, INC.
POPULATION KEY
Over 100,000
50,000 to 100,000
25,000 to 50,000
10,000 to 25,000
Under 10,000
BRITISH COLUMBIA
ALBERTA
SASKATCHEWAN
MANITOBA
ONTARIO
QUEBEC
WASHINGTON
MONTANA
IDAHO
OREGON
NORTH DAKOTA
MINNESOTA
SOUTH DAKOTA
WYOMING
CALIFORNIA
NEVADA
UTAH
COLORADO
NEBRASKA
IOWA
WISCONSIN
MICHIGAN
ILLINOIS
INDIANA
OHIO
KANSAS
MISSOURI
KENTUCKY
WEST VIRGINIA
VIRGINIA
NORTH CAROLINA
TENNESSEE
ARKANSAS
OKLAHOMA
TEXAS
NEW MEXICO
ARIZONA
MISSISSIPPI
ALABAMA
GEORGIA
SOUTH CAROLINA
LOUISIANA
FLORIDA
PENNSYLVANIA
NEW YORK
MAINE
MASS.
CONN.
N.J.
DEL.
MD.
ALASKA
YUKON
HAWAII
USSR
SONORA
CHIHUAHUA
COAHUILA
NUEVO LEON
TAMAULIPAS
BAJA CALIFORNIA
Vancouver
Seattle
Tacoma
Portland
Salem
Eugene
Spokane
Boise
Helena
Great Falls
Billings
Butte
Bismarck
Fargo
Pierre
Rapid City
Sioux Falls
Aberdeen
Winnipeg
Thunder Bay
Duluth
Minneapolis
St. Paul
Milwaukee
Madison
Green Bay
Chicago
Des Moines
Omaha
Lincoln
Cheyenne
Casper
Salt Lake City
Denver
Colorado Springs
Pueblo
Grand Junction
Sacramento
San Francisco
Oakland
San Jose
Stockton
Fresno
Bakersfield
Los Angeles
San Bernardino
San Diego
Las Vegas
Reno
Carson City
Elko
Phoenix
Tucson
Flagstaff
Prescott
Yuma
Albuquerque
Santa Fe
Amarillo
Lubbock
Wichita
Topeka
Kansas City
St. Louis
Springfield
Tulsa
Oklahoma City
Little Rock
Fort Worth
Dallas
Austin
San Antonio
Houston
Galveston
Corpus Christi
Brownsville
Laredo
Monterrey
Chihuahua
Hermosillo
El Paso
Ciudad Juarez
Shreveport
New Orleans
Baton Rouge
Jackson
Memphis
Nashville
Knoxville
Chattanooga
Birmingham
Montgomery
Atlanta
Savannah
Jacksonville
Tampa
Orlando
Miami
Charlotte
Raleigh
Richmond
Norfolk
Baltimore
Washington
Philadelphia
Pittsburgh
Cleveland
Toronto
Buffalo
Detroit
Grand Rapids
Toledo
Columbus
Cincinnati
Indianapolis
Louisville
Montreal
Ottawa
Quebec
Boston
New York
Albany
Hartford
New Haven
Anchorage
Fairbanks
Honolulu
Hilo
Kahului

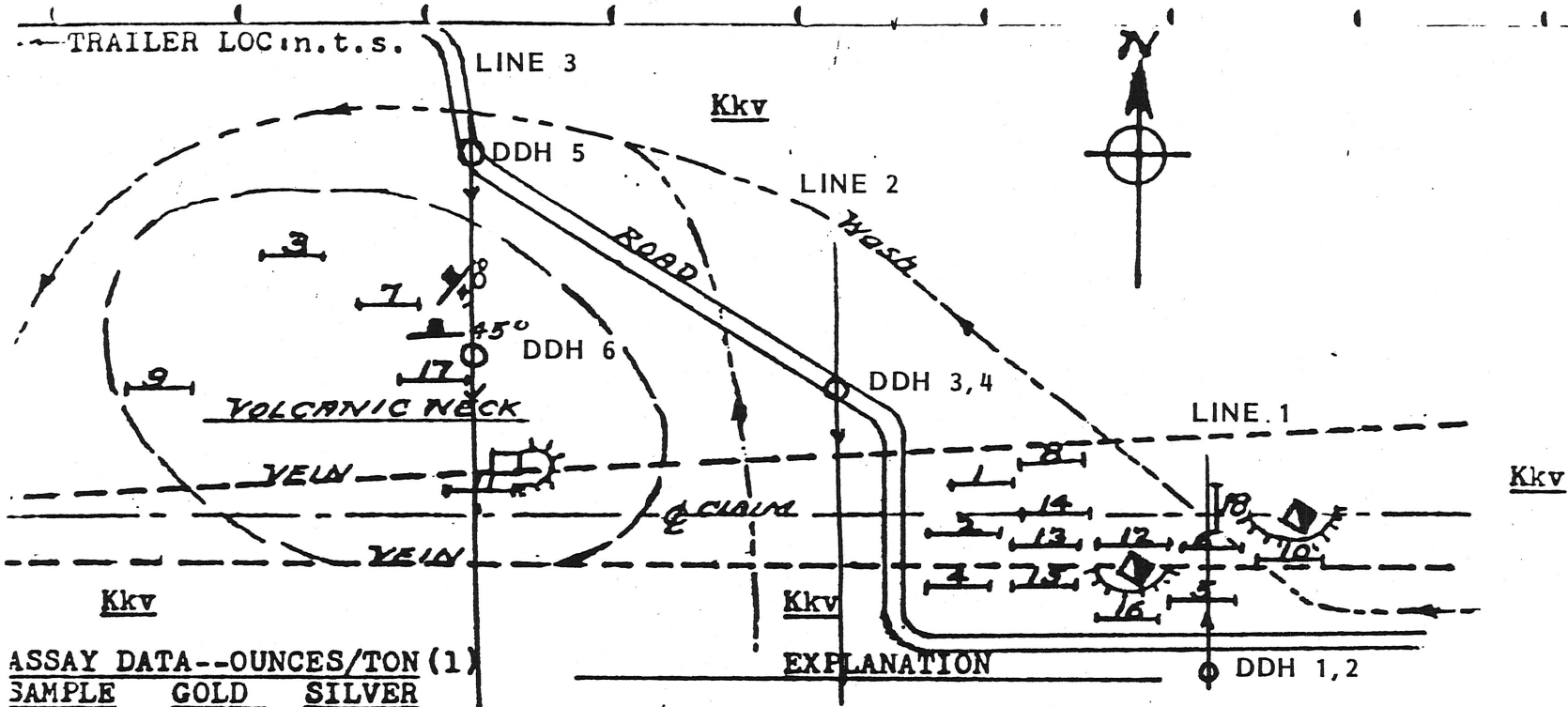
PLATE I

GEOLOGIC MAP OF THE

OATMAN DISTRICT

MOHAVE COUNTY, ARIZONA.





ASSAY DATA--OUNCES/TON (1)

SAMPLE	GOLD	SILVER
1	0.220	2.42
2	0.460	4.70
3	0.030	0.35
4	0.640	5.20
5	0.140	1.86
6	0.562	0.21
	0.180	3.99
8	0.172	0.41
9	0.040	0.12
10	0.130	0.51
11	2.250	53.80
12	0.630	7.40
13	1.020	3.90
14	0.720	6.20
15	0.880	5.10
16	3.520	18.50
17	0.200	2.90
18	0.120	2.00
	11.914	119.57
	18	18
	0.66+	6.64+
	Avg.	Avg.

EXPLANATION

Kkv- Cretaceous Kofa Volcanics, Rhyolite & Andesite.

3 - Sample Location.

- Shaft.

- Prospect Pit.

- - - -Vein, Mineralized.

- Schistosity.

- Dump.

n.t.s.-Not to scale

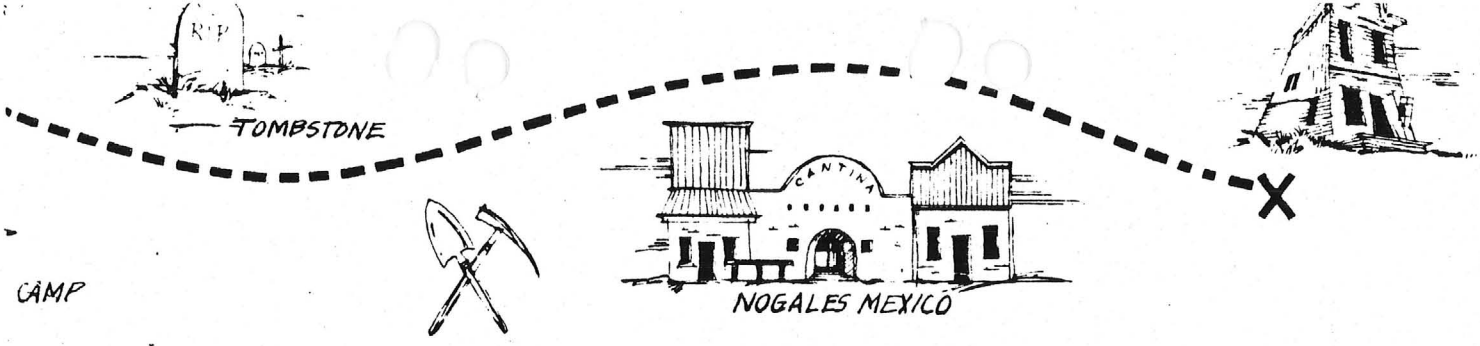
(1)- Certified Fire Assays.

LINE 1 DDH 1 - 45°N
DDH 2 - 70°N

LINE 2 DDH 3 - 45°S
DDH 4 - 65°S

LINE 3 DDH 5 - 45°S
DDH 6 - 80°S

VERDSTONE GOLD PROPERTY
GEOLOGY & SAMPLE MAP
Dwg. NO. 6; Scale 1"=50'
Date; 9-16-79
By: George W. Morgan, P.E.
Phoenix, Arizona.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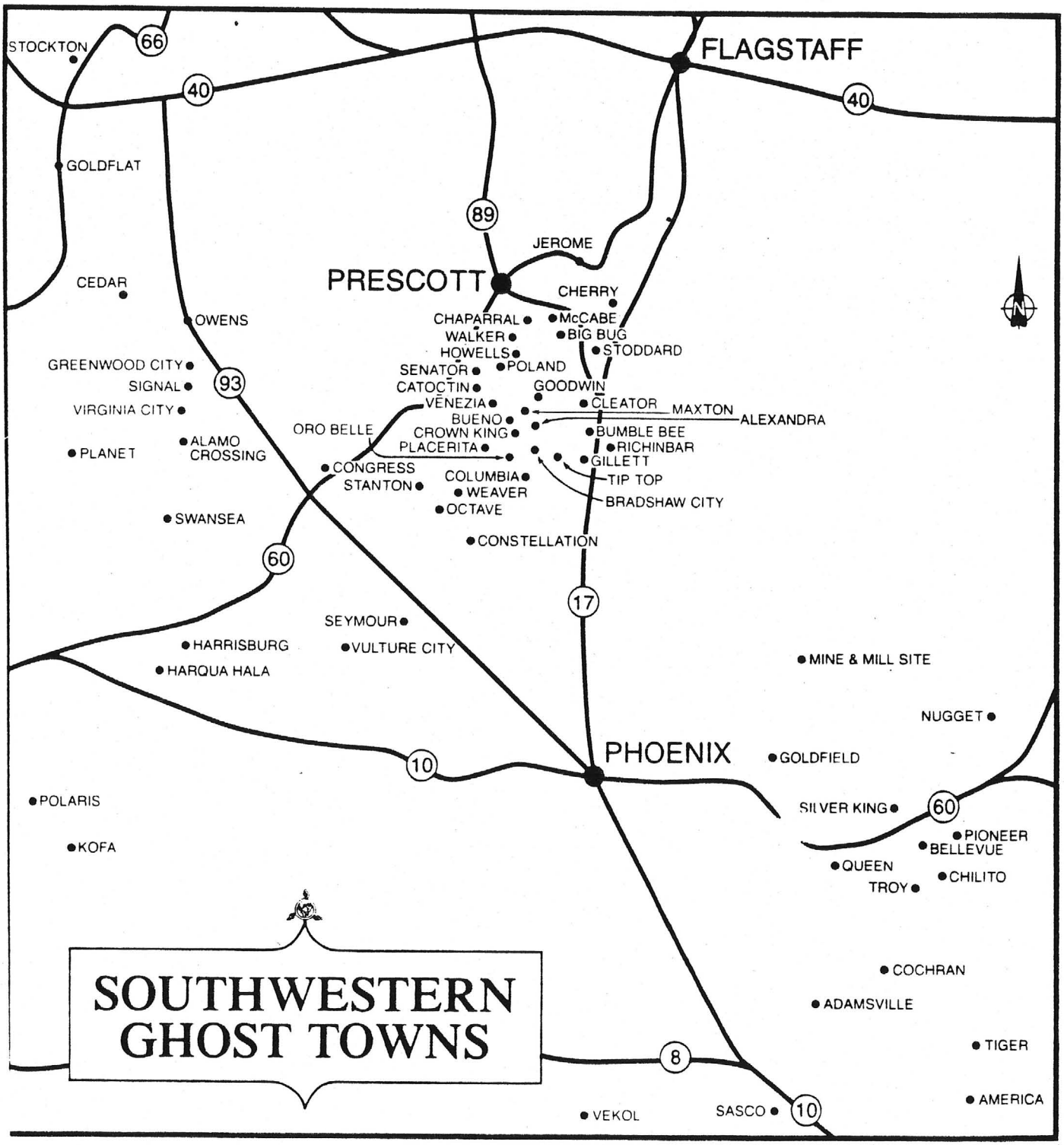
CANTINA
NOGALES MEXICO
CAMP


SOUTHWESTERN GHOST TOWNS
FLAGSTAFF
PRESCOTT
PHOENIX
STOCKTON
GOLDFLAT
CEDAR
OWENS
GREENWOOD CITY
SIGNAL
VIRGINIA CITY
PLANET
ALAMO CROSSING
SWANSEA
HARRISBURG
HARQUA HALA
SEYMOUR
VULTURE CITY
POLARIS
KOFA
JEROME
CHERRY
CHAPARRAL
WALKER
HOWELLS
McCABE
BIG BUG
STODDARD
SENATOR
POLAND
CATOCTIN
GOODWIN
VENEZIA
CLEATOR
MAXTON
ALEXANDRA
BUENO
ORO BELLE
CROWN KING
BUMBLE BEE
PLACERITA
RICHINBAR
CONGRESS
GILLETT
STANTON
COLUMBIA
TIP TOP
WEAVER
BRADSHAW CITY
OCTAVE
CONSTELLATION
MINE & MILL SITE
NUGGET
GOLDFIELD
SILVER KING
PIONEER
BELLEVUE
QUEEN
CHILITO
TROY
COCHRAN
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TIGER
AMERICA
VEKOL
SASCO
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89
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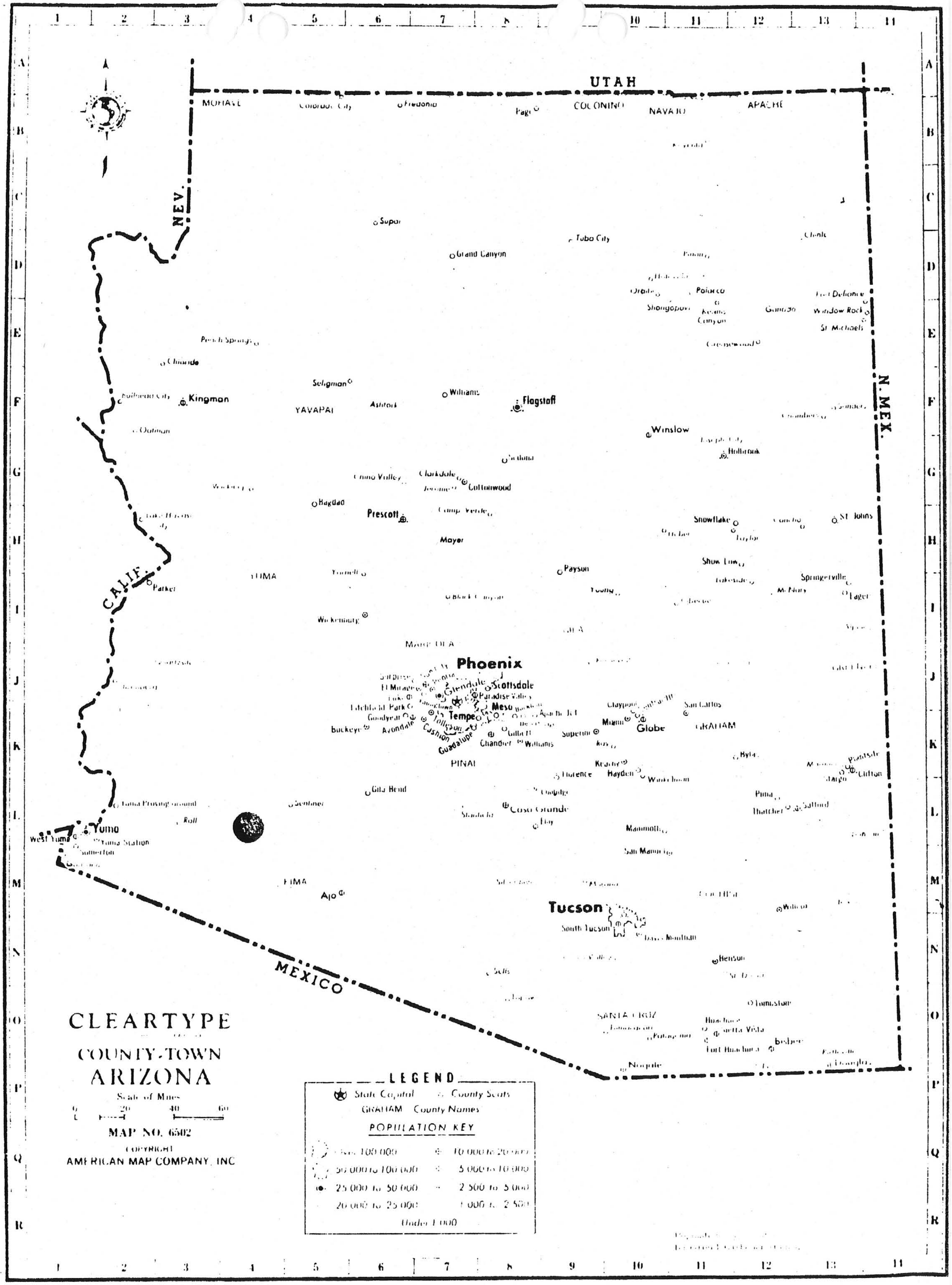
17
10
8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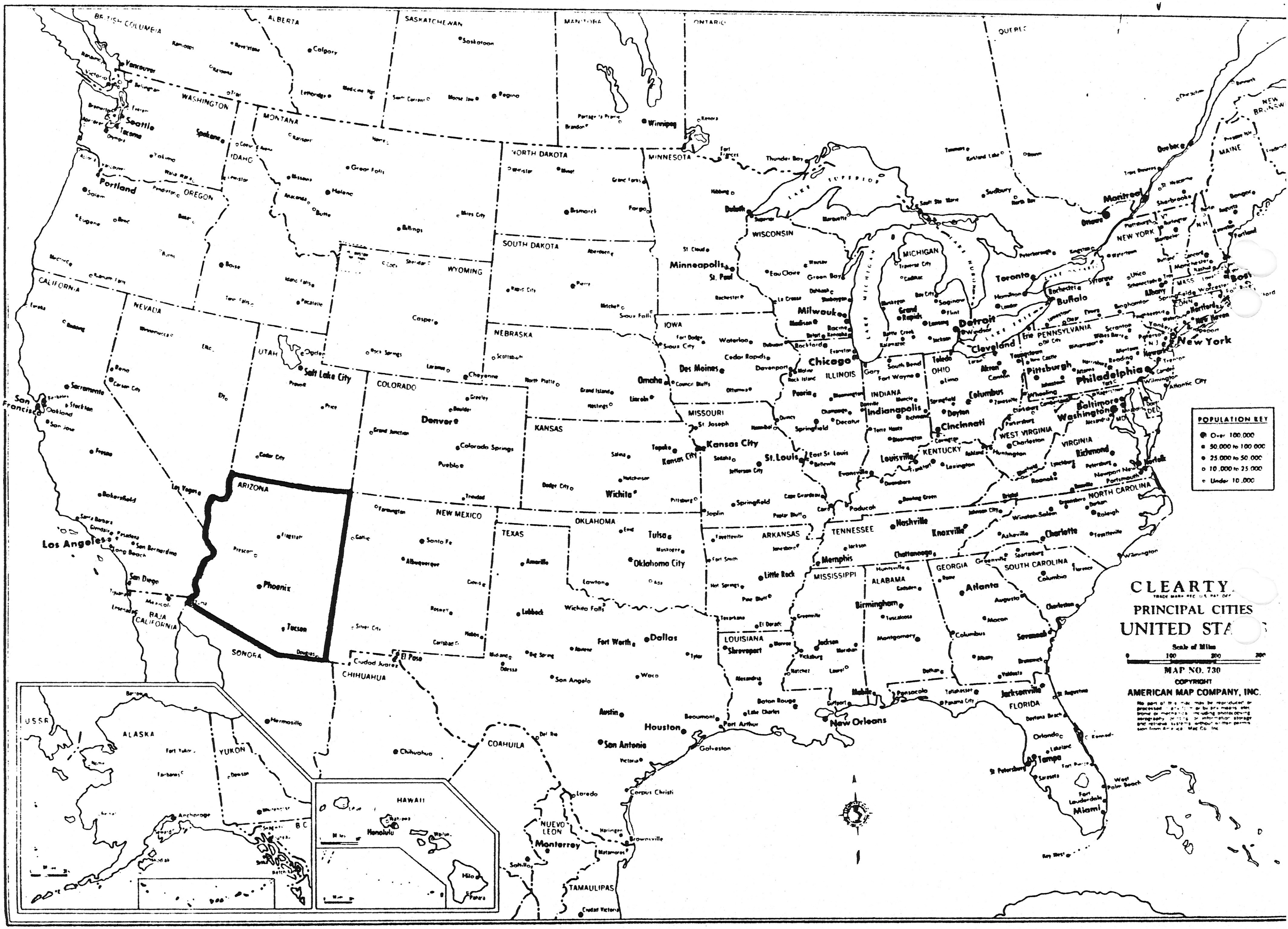
NAVAJO
APACHE
YAVAPAI
YUMA
MARICOPA
PINAL
GRAHAM
PIMA
SANTA CRUZ
Fredonia
Page
Supai
Tuba City
Grand Canyon
Polacca
Shongopovi
Keams Canyon
Ganado
Fort Defiance
Window Rock
St. Michaels
Peach Springs
Chloride
Seligman
Williams
Kingman
Flagstaff
Ashfork
Oatman
Winslow
Holbrook
Clarkdale
Cottonwood
Bagdad
Prescott
Camp Verde
Mayer
Snowflake
Taylor
St. Johns
Show Low
Payson
Parker
Young
Springerville
Eager
Wickenburg
Phoenix
Glendale
Scottsdale
Paradise Valley
El Mirage
Litchfield Park
Goodyear
Buckeye
Avondale
Tempe
Mesa
Apache Jct.
Tolleson
Cashion
Guadalupe
Gilbert
Chandler
Williams
Superior
Miami
Globe
San Carlos
Ray
Kearny
Hayden
Florence
Winkelman
Bylas
Clifton
Gila Bend
Sentinel
Coolidge
Casa Grande
Eloy
Pima
Thatcher
Safford
Yuma
West Yuma
Yuma Station
Somerton
Roll
Mammoth
San Manuel
Ajo
Tucson
South Tucson
Willcox
Benson
Sells
Tombstone
Huachuca
Sierra Vista
Fort Huachuca
Bisbee
Nogales
Douglas
CLEARTYPE
COUNTY-TOWN
ARIZONA
Scale of Miles
0 20 40 60
MAP NO. 6502
COPYRIGHT
AMERICAN MAP COMPANY, INC
LEGEND
State Capital
County Seats
GRAHAM County Names
POPULATION KEY
Over 100 000
10 000 to 20 000
50 000 to 100 000
5 000 to 10 000
25 000 to 50 000
2 500 to 5 000
20 000 to 25 000
1 000 to 2 500
Under 1 000


CLEARTY
PRINCIPAL CITIES
UNITED STA
Scale of Miles
MAP NO. 730
COPYRIGHT
AMERICAN MAP COMPANY, INC.
POPULATION KEY
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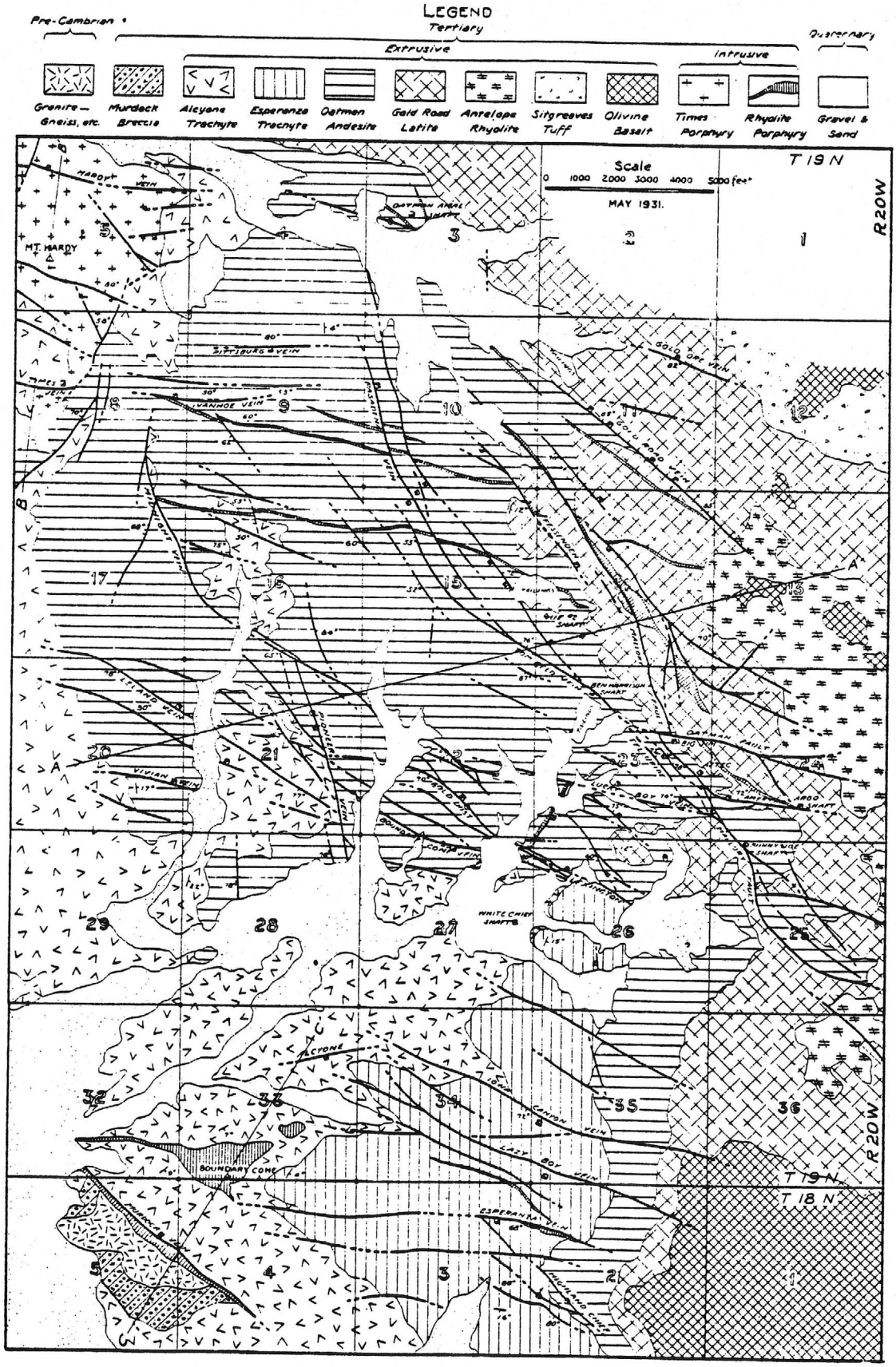
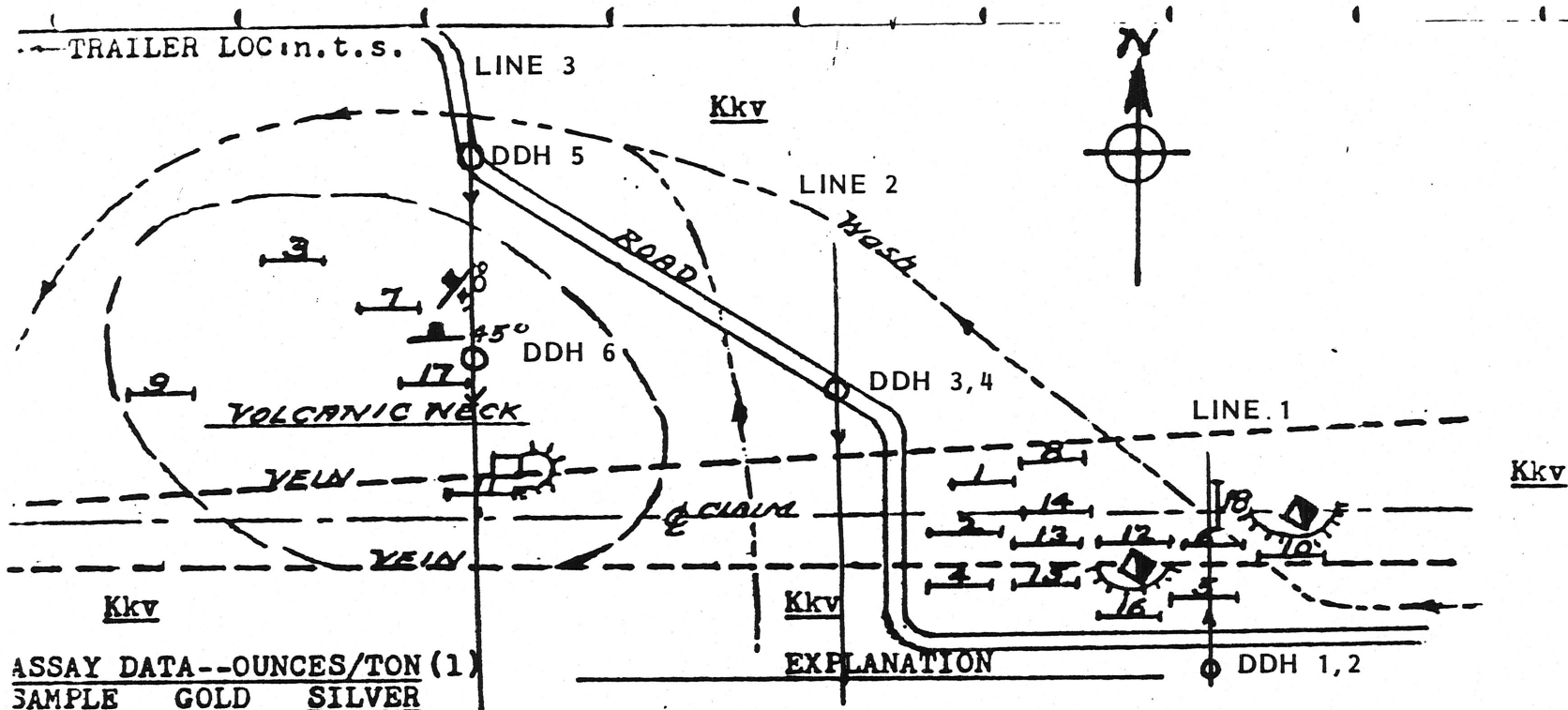
50,000 to 100,000
25,000 to 50,000
10,000 to 25,000
Under 10,000
BRITISH COLUMBIA
ALBERTA
SASKATCHEWAN
MANITOBA
ONTARIO
QUEBEC
MAINE
WASHINGTON
MONTANA
NORTH DAKOTA
MINNESOTA
IDAHO
OREGON
SOUTH DAKOTA
WYOMING
WISCONSIN
MICHIGAN
NEW YORK
CALIFORNIA
NEVADA
UTAH
NEBRASKA
IOWA
ILLINOIS
INDIANA
OHIO
PENNSYLVANIA
COLORADO
KANSAS
MISSOURI
KENTUCKY
WEST VIRGINIA
VIRGINIA
NORTH CAROLINA
ARIZONA
NEW MEXICO
OKLAHOMA
TEXAS
ARKANSAS
TENNESSEE
MISSISSIPPI
ALABAMA
GEORGIA
SOUTH CAROLINA
LOUISIANA
FLORIDA
BAJA CALIFORNIA
SONORA
CHIHUAHUA
COAHUILA
NUEVO LEON
TAMAULIPAS
ALASKA
YUKON
HAWAII
Seattle
Portland
Spokane
Vancouver
Tacoma
San Francisco
Oakland
Sacramento
Fresno
Los Angeles
San Diego
Salt Lake City
Denver
Phoenix
Tucson
El Paso
Albuquerque
Santa Fe
Minneapolis
St. Paul
Duluth
Omaha
Des Moines
Kansas City
St. Louis
Chicago
Milwaukee
Detroit
Toronto
Cleveland
Buffalo
Pittsburgh
Philadelphia
New York
Baltimore
Washington
Montreal
Ottawa
Quebec
Indianapolis
Cincinnati
Columbus
Louisville
Nashville
Memphis
Knoxville
Atlanta
Birmingham
Charlotte
Norfolk
Richmond
Tulsa
Oklahoma City
Wichita
Dallas
Fort Worth
Houston
San Antonio
Austin
Galveston
Corpus Christi
New Orleans
Jacksonville
Tampa
Miami
Monterrey
Chihuahua
Hermosillo
Winnipeg
Calgary
Regina
Saskatoon
Honolulu
Anchorage
Fairbanks

GEOLOGIC MAP OF THE

OATMAN DISTRICT

MOHAVE COUNTY, ARIZONA.





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	18	18
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	Avg.	Avg.

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- Dump.

n.t.s.-Not to scale

(1)- Certified Fire Assays.

LINE 1 DDH 1 - 45°N
DDH 2 - 70°N

LINE 2 DDH 3 - 45°S
DDH 4 - 65°S

LINE 3 DDH 5 - 45°S
DDH 6 - 80°S

VERDSTONE GOLD PROPERTY
GEOLOGY & SAMPLE MAP
Dwg. NO. 6; Scale 1"=50'
Date; 9-16-79
By: George W. Morgan, P.E.
Phoenix, Arizona.

OAKLAND (+) YUMA CO.

ABINGTON VENTURES INC.
Suite 125A – 1030 Denman St.
Vancouver, British Columbia V6G 2M6
Phone No. (604) 683-6657
Fax (604) 684-4407
www.abingtonventures.com
email: info@abingtonventures.com

July 9, 2003 TRADING SYMBOL: ABV-V (shares) / ABV.WT (warrants)

NEWS RELEASE

ABINGTON DRILLING INTERSECTS ADDITIONAL 13.7 FEET OF .209 opt (7.66 gpt) GOLD AND COMMISSIONS FURTHER GEOLOGICAL AND ENGINEERING STUDIES

Mr. Walter Brenner is very pleased to report the last two drill holes (of the initial 6 hole program) have intersected the target vein of high-grade gold in the Verdstone 3 West (V3W) zone. The assay result of the upper portion of hole VDC03-05 is better than the first 4 holes, as previously reported, and further confirm the presence of a distinct zone of high-grade gold mineralization. Detailed assay analysis of VDC03-05 and VDC03-06 are reproduced herein and reveal significant silver content as was present in previous holes. Further assay analysis, geological and engineering work is underway. Additional results will be reported as received.

The vertical HQ Diamond Drill holes were completed on the Verdstone Property in Yuma County, Arizona between April 26 and May 27. Intersection lengths noted in the following table are presented in feet of Apparent Thickness (A.T.) logged in the drill core. The upper portion of the vein is almost flat; therefore, A.T. will be close to True Thickness.

Hole # VDC03-05 total depth of 330.9 feet

Hole	Drill type	From	To	Length (ft)	Gold (gpt)	Gold (opt)	Silver (gpt)	Silver (opt)
VDC03-05	core	176.3	180.0	3.7	25.67	0.749	123.00	3.59
VDC03-05	core	180.0	190.0	10.0	1.09	0.032	25.70	0.75
VDC03-05	core	190.0	200.0	10.0	0.98	0.029	13.60	0.40
VDC03-05	core	200.0	211.4	11.4	0.39	0.011	5.00	0.15
VDC03-05	core	218.8	220.2	1.4	0.50	0.015	0.90	0.03
VDC03-05	core	279.5	290.0	10.5	5.24	0.153	42.00	1.23
VDC03-05	core	290.0	300.5	10.5	2.29	0.067	40.00	1.17
VDC03-05	core	300.5	330.9	30.4	1.30	0.038	3.40	0.10

Hole # VDC03-06 total depth of 362 feet

Hole	Drill type	From	To	Length (ft)	Gold (gpt)	Gold (opt)	Silver (gpt)	Silver (opt)
VDC03-06	core	234.2	234.6	0.4	7.37	0.215	80.00	2.33
VDC03-06	core	240.1	242.3	2.2	5.41	0.158	35.70	1.04
VDC03-06	core	331.5	333.5	2.0	0.50	0.015	4.90	0.14

On the basis of these successful drilling results, management intends to commission a formal geological report as to whether bulk tonnage sampling of this potential ore body is warranted and file the same with the TSX and other applicable regulatory agencies. It is management's intention to primarily focus on discovering mineable zones of mineralization in the highly prospective Verdstone area and seeks to put V3W into active production and yield positive cash flow for the Company. All transactions or proposed transactions are expressly subject to TSX and all other regulatory approvals.

25K
MINED
500K-RED

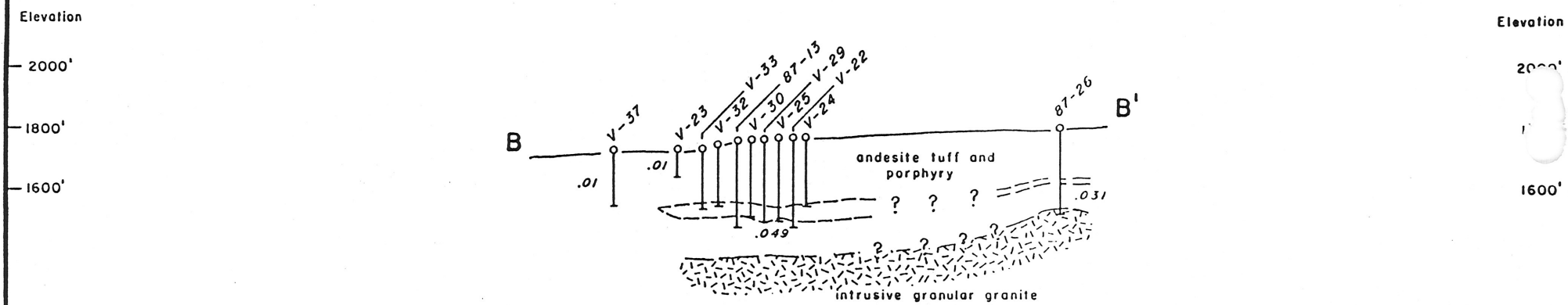
The Verdstone Mine consisted of three stacked zones of mineralization, which were profitably mined, one after the other, from approximately 1989 to 1994. While in production, approximately 500,000 tons of mined veins yielded economic grades of gold and silver. The apparent discovery of another, related but distinct zone (V3W) is consistent with the geology of epithermal gold deposits and could indicate replication throughout the area, therefore management is optioning additional mineral claims.

As noted in previous press releases of the Company, Mr. John Stockwell, P.Geol. has been retained to independently supervise the drilling program and log the core for assay analysis which is being done in Canada. Mr. Stockwell is a "qualified person" under the requirements of National Instrument 43-101 (Standards of Disclosure for Mineral Projects).

ON BEHALF OF THE BOARD OF DIRECTORS
ABINGTON VENTURES INC.

Per: *Walter Brenner*
Walter Brenner, *President*

The TSX has in no way passed upon the merits of the proposed transaction and has neither approved nor disapproved the information contained herein.



Explanation

.123 Drill hole with Au intercept (oz/ton)
0.01 oz/ton cutoff

87-13 1987 HMC drill hole

85, V-18 Previous drilling by others

Mineralized zone

Contact

0 500 1000
FEET

SECTION B-B'

HOMESTAKE MINING COMPANY

B.V.O. PROPERTY

YUMA AND LA PAZ COUNTIES, ARIZONA

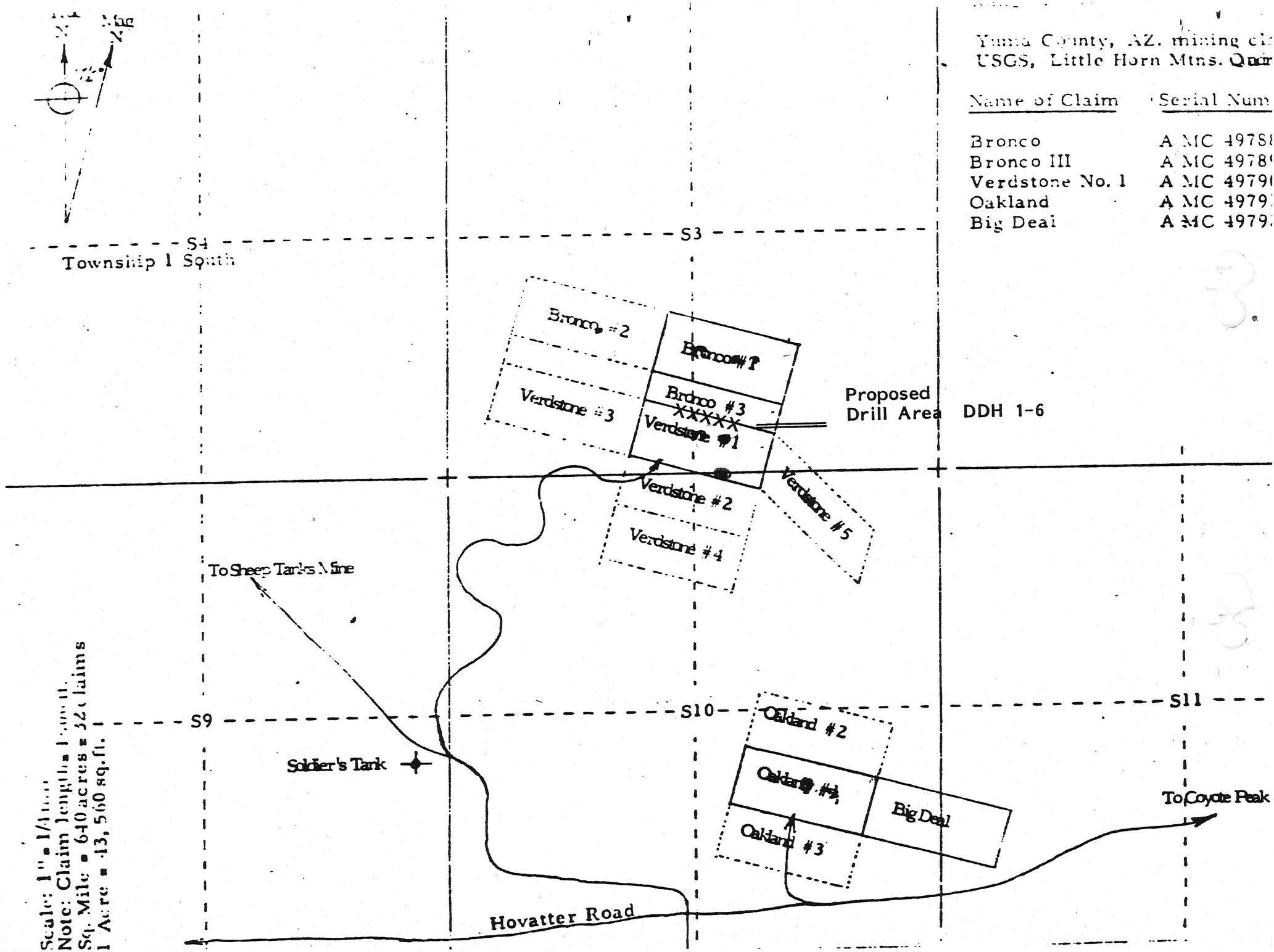
DATA M. Johnson
DRAFTED BY RDS-kp, bw
DATE Dec. 87
REVISIONS

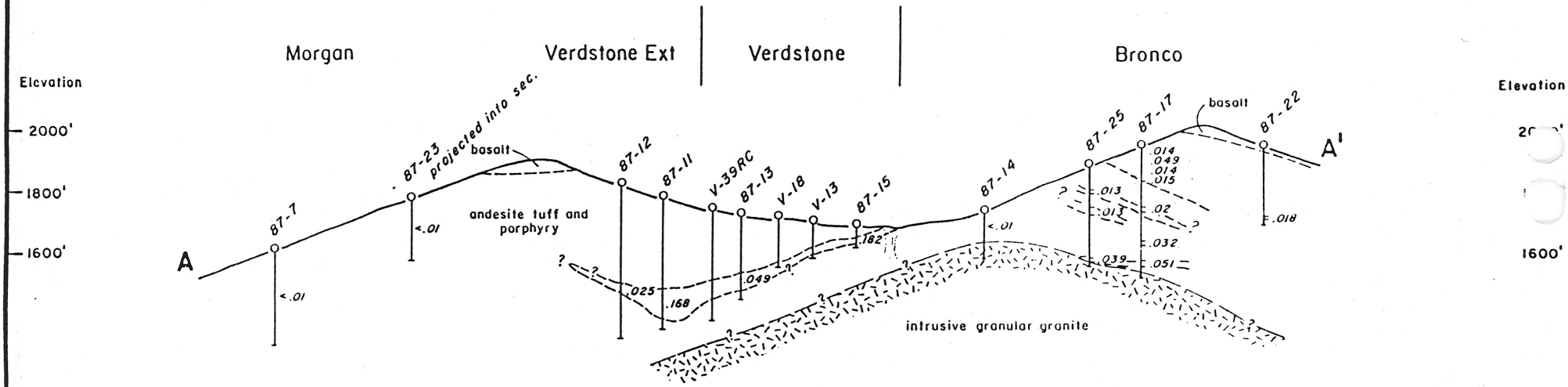
HOMESTAKE

Fig. 4

Yuma County, AZ. mining cl
USGS, Little Horn Mtns. Quar

Name of Claim	Serial Num
Bronco	A MC 49788
Bronco III	A MC 49789
Verdstone No. 1	A MC 49790
Oakland	A MC 49791
Big Deal	A MC 49792





Explanation

.123 Drill hole with Au intercept (oz/ton)
0.01 oz/ton cutoff

87-13 1987 HMC drill hole

85, V-18 Previous drilling by others

Mineralized zone

Contact

0 500 1000
FEET

SECTION A-A'

HOMESTAKE MINING COMPANY

B.V.O. PROPERTY

YUMA AND LA PAZ COUNTIES, ARIZONA

DATA: M. Johnson
DRAFTED BY RDS-kp

DATE: Dec. 87
REVISIONS:

HOMESTAKE

Fig. 3

M-15

OAKLAND MINE YUMA COUNTY

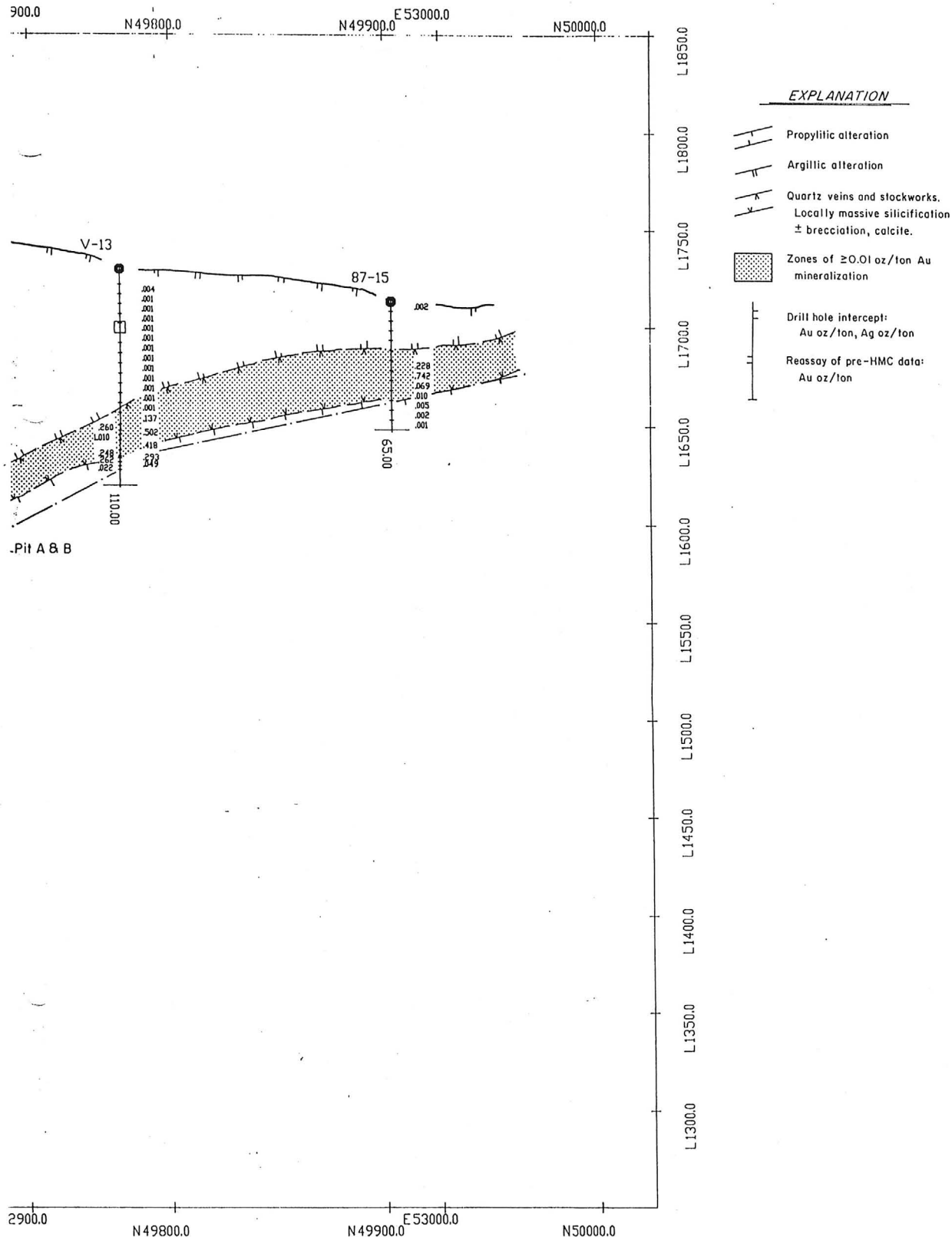
KAP WR 6/26/87: Jerry Danni, Homestake Mining, 1726 Cole Blvd., Golden, Colorado 80401 called and reported his firm is planning some drilling on a portion of the BVO property, Yuma County. They have been carrying out a regional program in the area for some time.

KAP WR 9/4/87: Mike Johnson with Homestake Mining's Exploration office, 155 Glendale Avenue, Suite 19, Sparks, Nevada 89431 was in and reported that Homestake is continuing drilling at the Oakland Mine (file) Yuma County.

NJN WR 11/27/87: Fred Bodine (card) reports that Homestake continues to drill at the Oakland Mine (file) Yuma County.

NJN WR 2/5/88: Fred Bodine (card) reported that Homestake Mining (card) will soon begin a second round of drilling at the Oakland Mine (file) Yuma County.

MG WR 6/24/88: Mr. Mike Johnson of Homestake Mining Co reports that his company will have one more drilling program at the BVO property (file) Yuma County. This drilling should begin soon.



SCALE

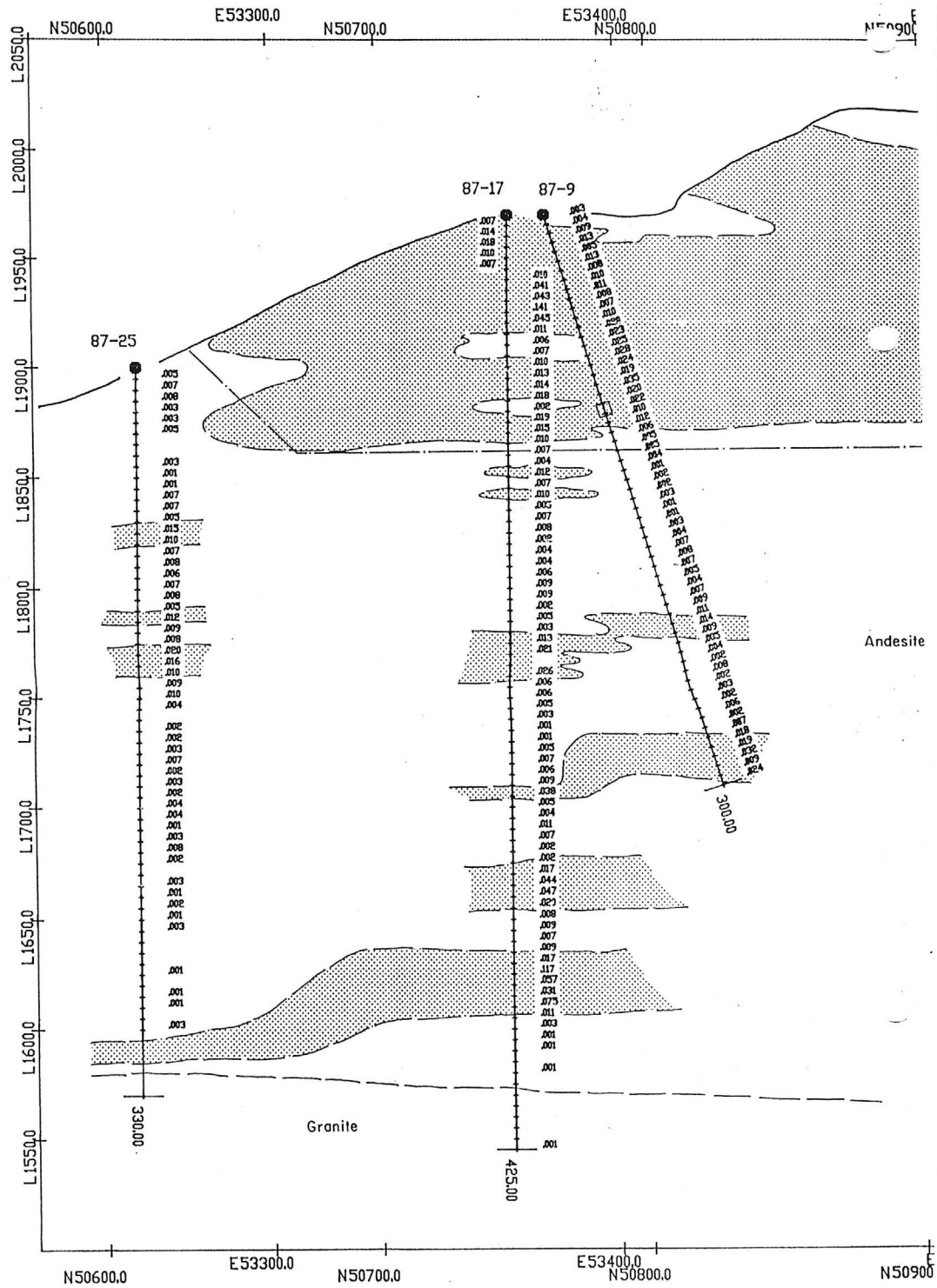
-50. 0. 50.

DATE : 1/22/1988	
UNITS : FEET	
REVISED BY	DATE
RDS/kap	FEB. 88

BVO PROJECT, Yuma County, Arizona
Verdstone Zone
Section V1 - V1'

Data Processed by : Homestake Mining Company
Software by : Geostat Systems, Golden CO.U

M-37-3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L1750.0
L1700.0
L1650.0
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87-9
87-25
Andesite
Granite
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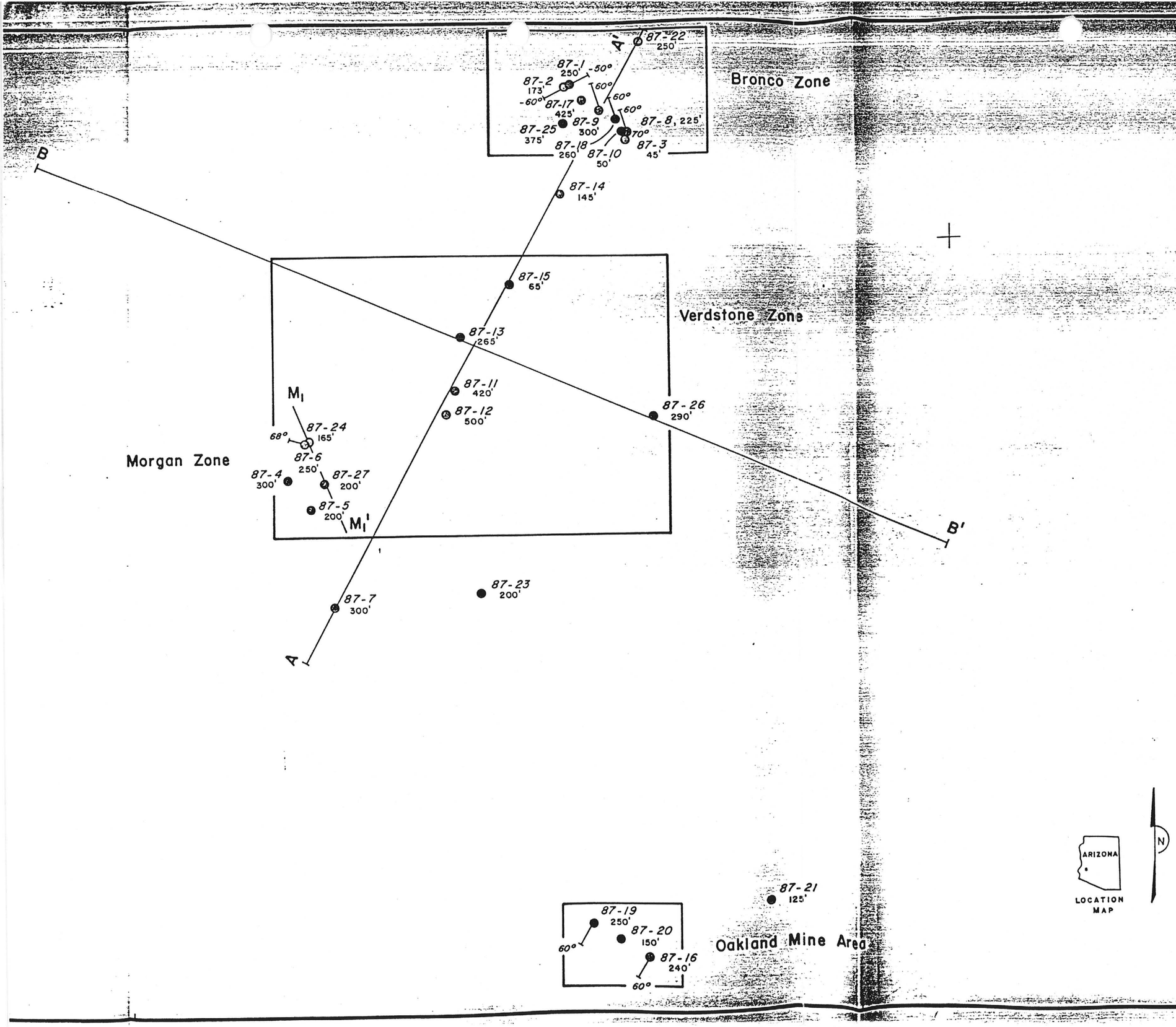
425.00
300.00

40-1



Explanation

Ore	25' @ >0.03 oz/ton Au
Significant	25' @ 0.01 - 0.029 oz/ton Au
Mineralized	25' @ 0.002 - 0.009 oz/ton Au
Barren	< 0.002

87-15 65' 1987 Drill hole with footage

60° Angle hole with bearing and dip

500 0 500 1000

FEET

Drilling Results

HOMESTAKE MINING COMPANY

B.V.O. PROPERTY

YUMA and LA PAZ COUNTIES, ARIZONA

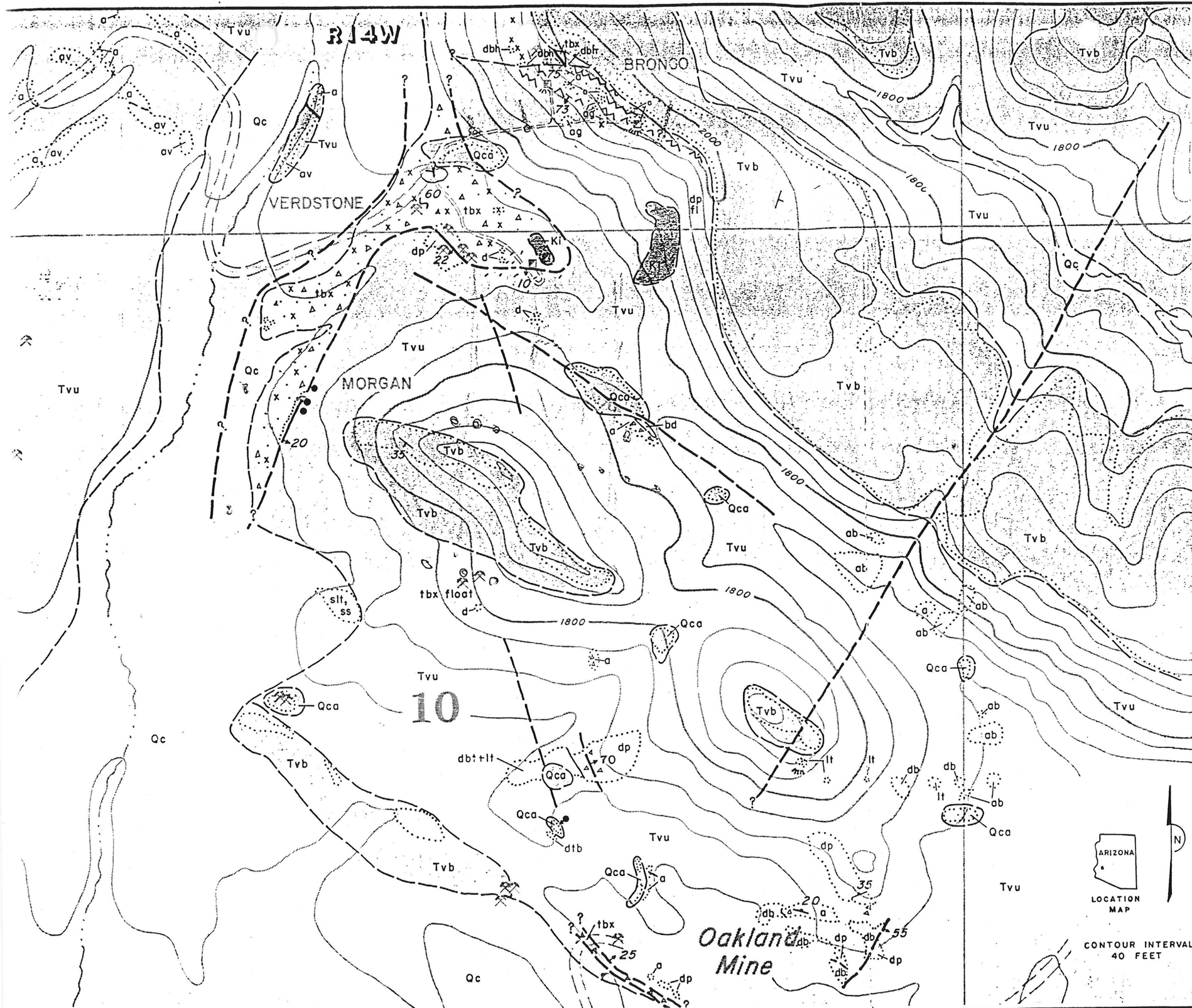
DATA: M. JOHNSON
DRAFTED BY: RDS/bw

DATE: JUNE 1987
REVISIONS: Dec. 87

M-13

HOMESTAKE

Fig. 2A



EXPLANATION

Qca	CALCREE CEMENTED TALUS
Qc	COLLUVIUM, ALLUVIUM LOCALLY SILTSTONE, SANDSTONE
Tvb	BASALT, MASSIVE VESICULAR
Tvu	UNDIFFERENTIATED VOLCANICS
d	RHYODACITE
dp	PORPHYRY
dt	TUFFS
db	BRECCIA
dtb	TUFF BRECCIA
dbh	HEMATITE BRECCIA
ds	SPHEROLITC RHYODACITE
dg	GLASSY DACITE TUFF
dsg	GLASSY SPHEROLITIC RHYODACITE TUFF
dsb	GLASSY RHYODACITE TUFF BRECCIA
dsl	WATERLAIN RHYODACITE TUFFS
dfl	FLOW BANDED RHYODACITE
a	ANDESITE
ap	PORPHYRY
at	TUFFS
al	LITHIC ANDESITE
ag	GRANULAR ANDESITE
av(p)	VESICULAR ANDESITE (PORPHYRY)
i	IGNIMBRITE
lt	LAPILLI TUFF
flt	WATERLAIN LITHIC TUFF
ftb	FELSIC TUFF BRECCIA
lhr	LAHARIC BRECCIA
bd	BASALTIC DIKE
Ki	GRANODIORITE (?) INTRUSIVE
tbx	TECTONIC BRECCIA, HEMATITIC WITH NUMEROUS QUARTZ FRAGMENTS AND VEINLETS. QUARTZ OFTEN GREEN COLORED WHERE MINERALIZED.

FAULT, SHOWING DIP. DASHED WHERE INFERRED

CONTACT, OUTCROP CONTACT

HEMATITE

SILICIFICATION QUARTZ VEINING

ARGILLIC ALTERATION

SHEARING

BRECCIATION

STOCKWORK SHEARING

PROPECT PIT, COSTEAN, SHAFT

DRILL HOLE

35 STRIKE AND DIP OF BEDDING

60 STRIKE AND DIP OF CRUMPLED BEDS

500 0 500 1000
FEET

GEOLOGY

HOMESTAKE MINING COMPANY

B.V.O. PROPERTY

YUMA and LA PAZ COUNTIES, ARIZONA

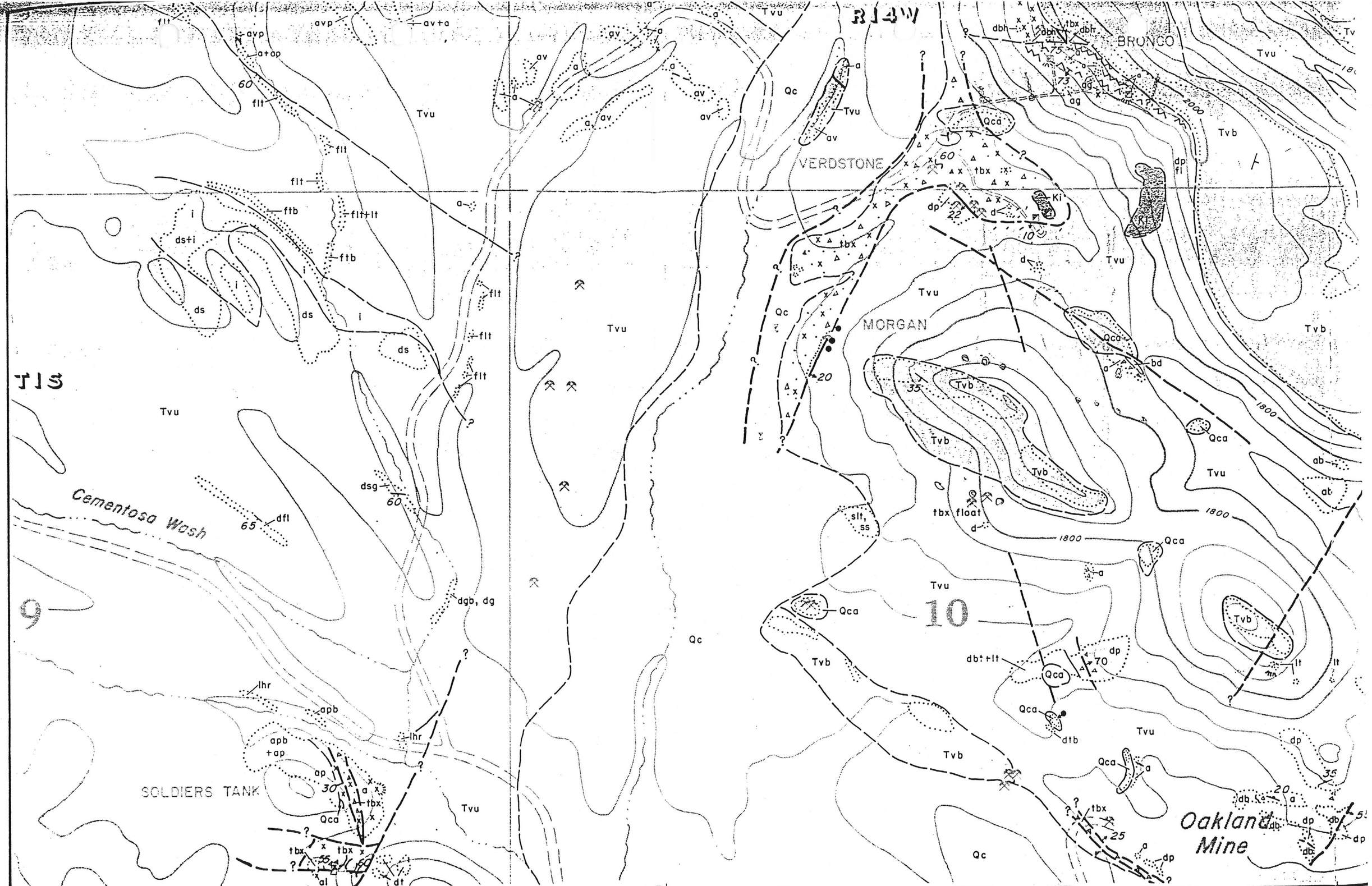
DATA: M. JOHNSON
DRAFTED BY: RDS/bw

DATE: JUNE 1987
REVISIONS:

M-17

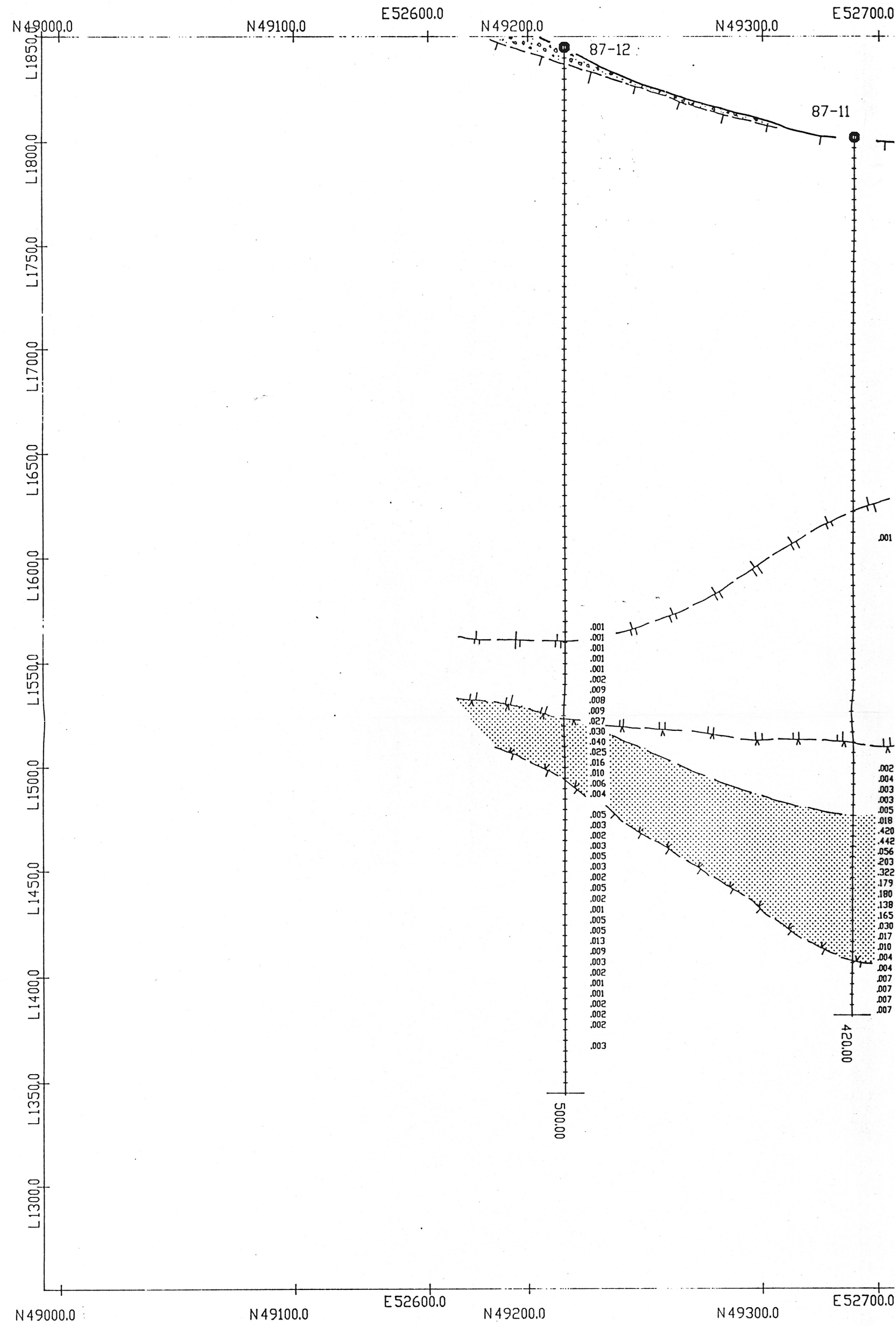
HOMESTAKE

Fig. 2



DATAPRINT N09237

M14-A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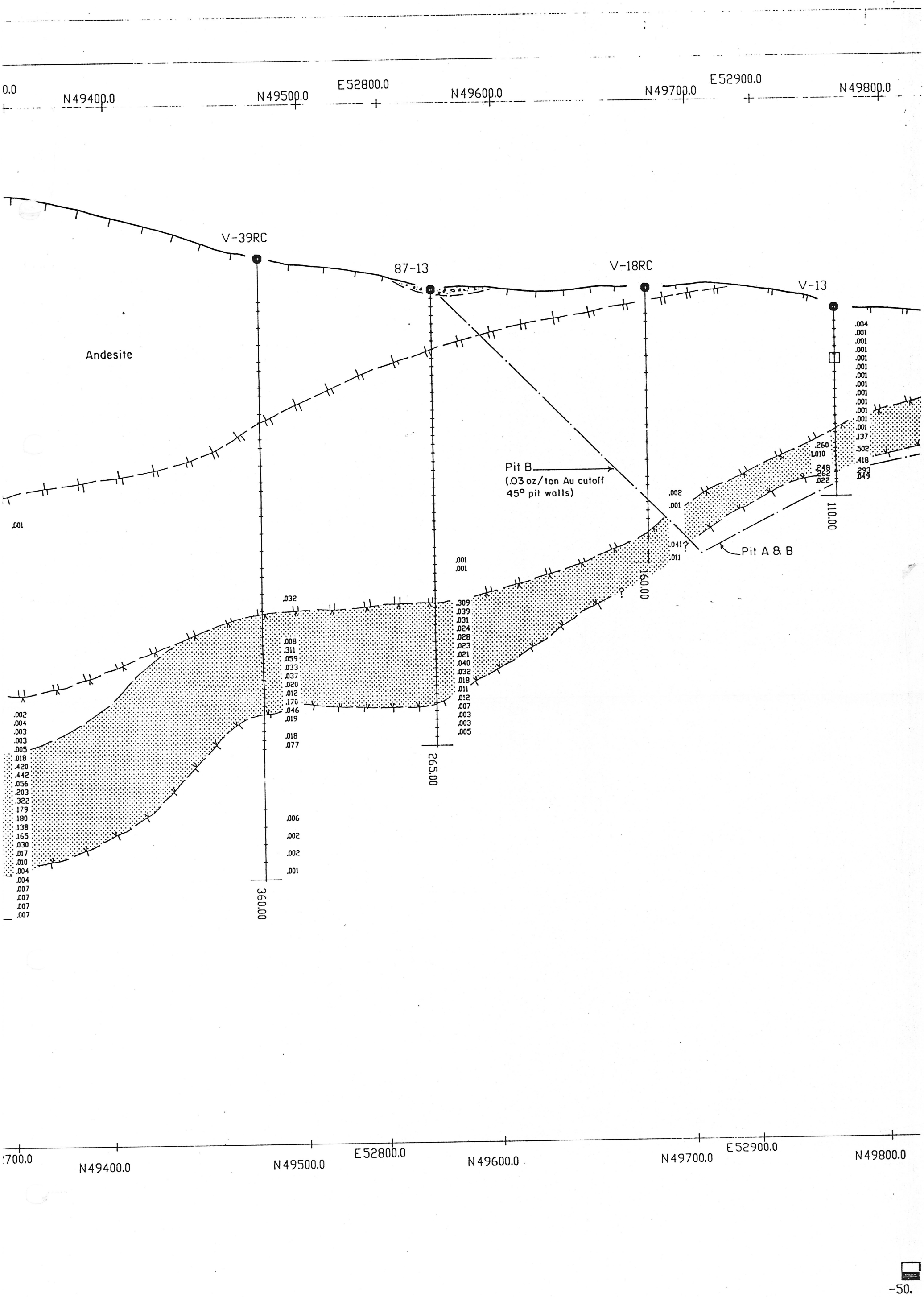
M37-1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N49600.0
N49700.0
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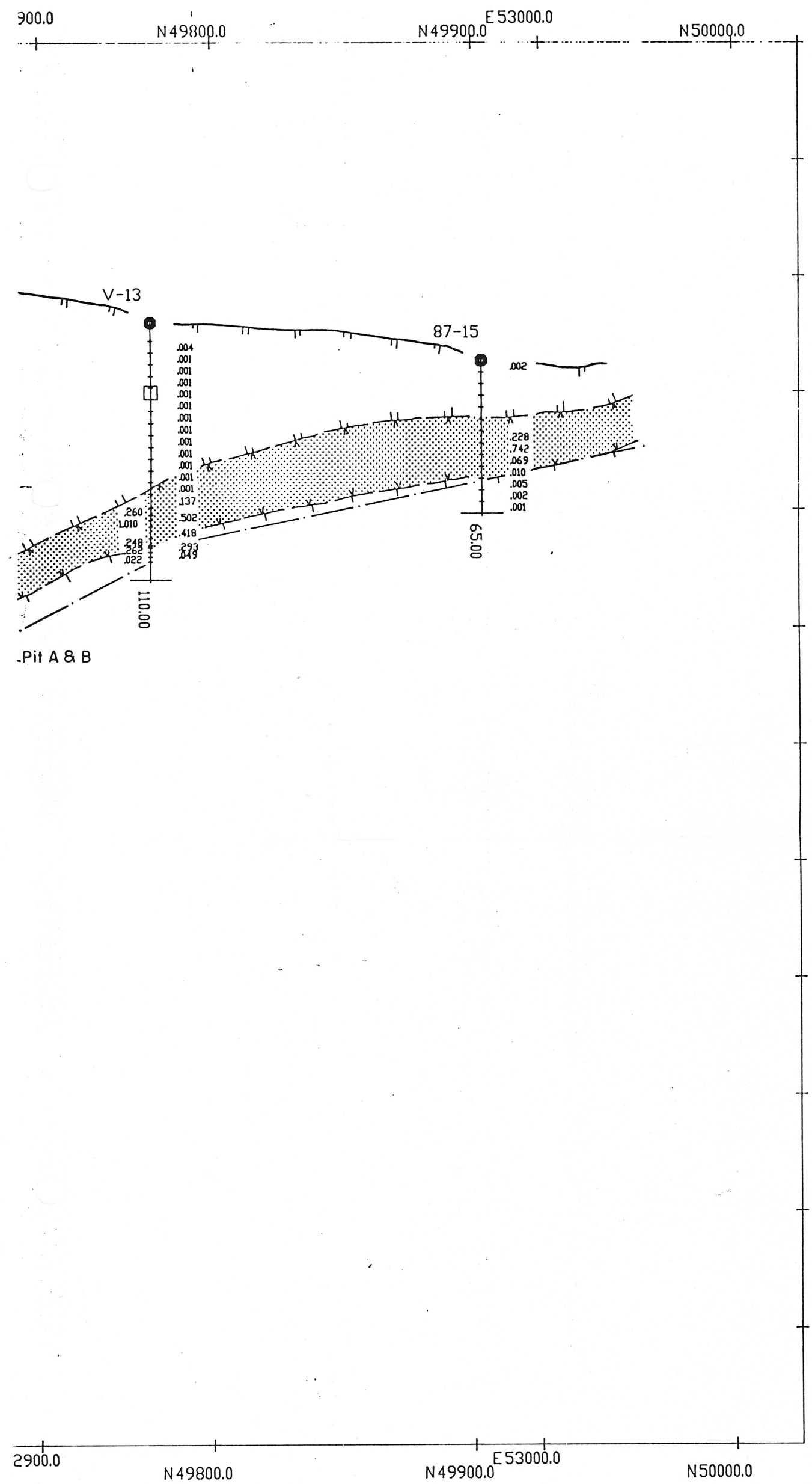
N49800.0
V-39RC
87-13
V-18RC
V-13
Andesite
Pit B
(.03 oz/ton Au cutoff
45° pit walls)
Pit A & B
110.00
160.00
265.00
360.00
-50.

M37-2



EXPLANATION

Propylitic alteration

Argillic alteration

Quartz veins and stockworks. Locally massive silicification ± brecciation, calcite.

Zones of ≥0.01 oz/ton Au mineralization

Drill hole intercept: Au oz/ton, Ag oz/ton

Reassay of pre-HMC data: Au oz/ton

SCALE

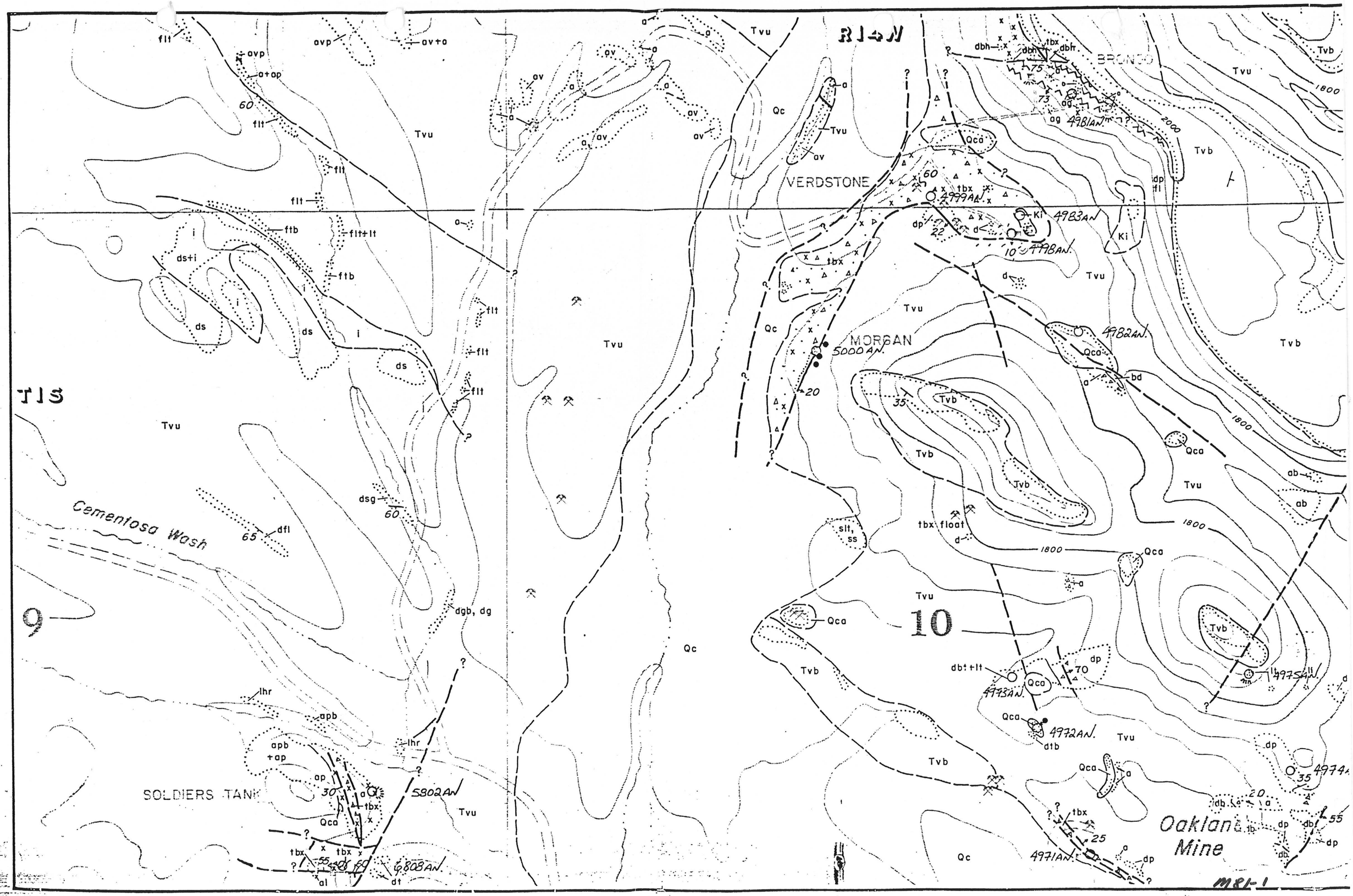
-50. 0. 50.

DATE : 1/22/1988	
UNITS : FEET	
REVISED BY	DATE
RDS/kap	FEB. 88

BVO PROJECT, Yuma County, Arizona
Verdstone Zone
Section V1 - V1'

Data Processed by : Homestake Mining Company
Software by : Geostat Systems, Golden CO.U

M-37-3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T15
BRONCO
VERDSTONE
MORGAN
SOLDIERS TANK
Cementosa Wash
Oakland Mine
9
10
Tvu
Tvb
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Qca
Ki
4981AN
4983AN
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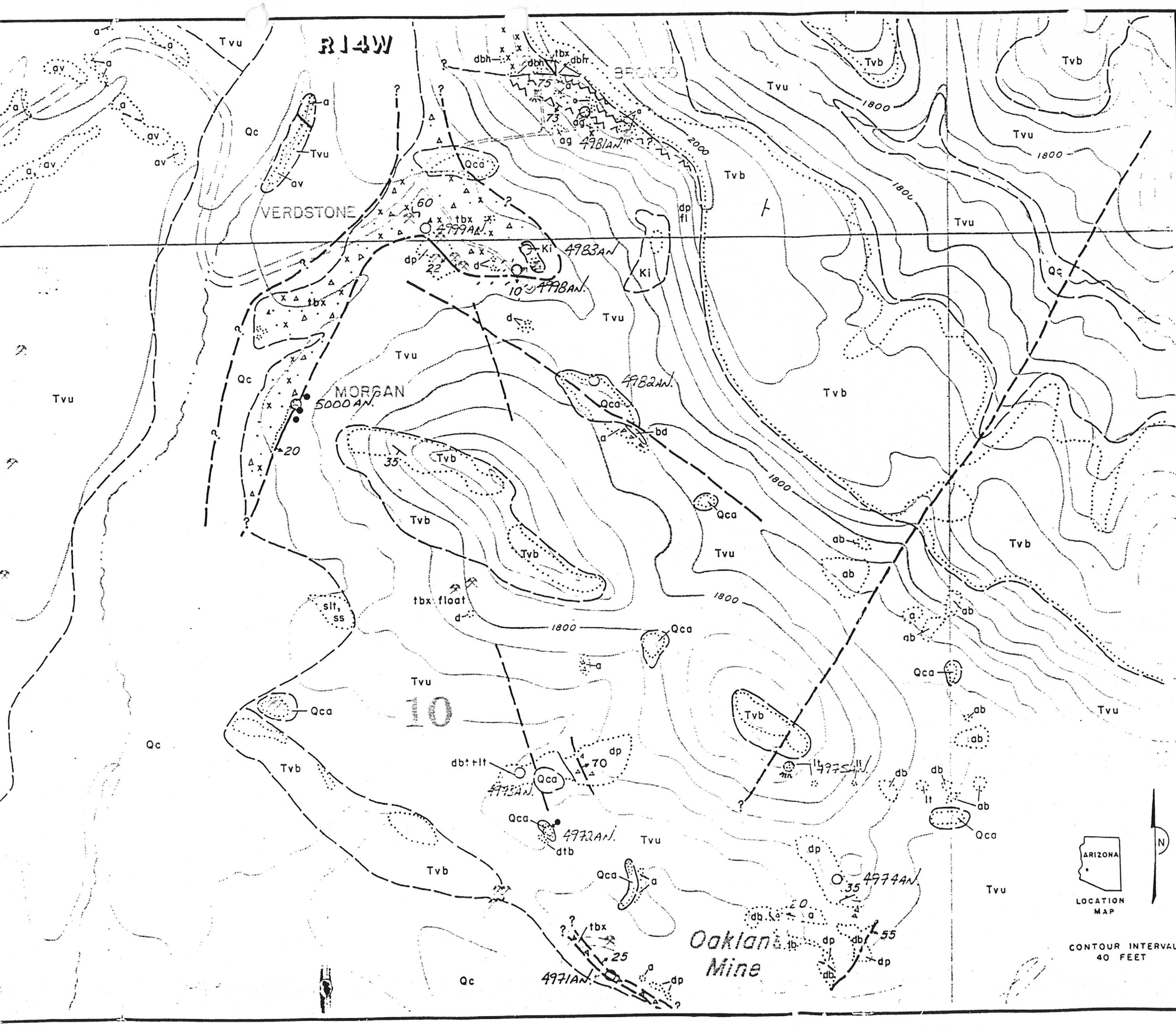
M81-1



EXPLANATION

Qca	CALCRETE, CEMENTED TALUS
Qc	COLLUVIUM, ALLUVIUM LOCALLY SILTSTONE, SANDSTONE
Tvb	BASALT, MASSIVE VESICULAR
Tvu	UNDIFFERENTIATED VOLCANICS

- d — RHYODACITE
  - dp — PORPHYRY
  - df — TUFFS
  - db — BRECCIA
  - dtb — TUFF BRECCIA
  - dbh — HEMATITE BRECCIA
  - ds — SPHEROLITC RHYODACITE
  - dg — GLASSY DACITE TUFF
  - dsg — GLASSY SPHEROLITIC RHYODACITE TUFF
  - dsb — GLASSY RHYODACITE TUFF BRECCIA
  - dsl — WATERLAIN RHYODACITE TUFFS
  - dfl — FLOW BANDED RHYODACITE
- a — ANDESITE
  - ap — PORPHYRY
  - at — TUFFS
  - al — LITHIC ANDESITE
  - ag — GRANULAR ANDESITE
  - av(p) — VESICULAR ANDESITE (PORPHYRY)
- i — IGNIMBRITE
  - it — LAPILLI TUFF
  - flt — WATERLAIN LITHIC TUFF
  - ftb — FELSIC TUFF BRECCIA
  - ihr — LAHARIC BRECCIA
- bd — BASALTIC DIKE

Ki — GRANODIORITE (?) INTRUSIVE

tbx — TECTONIC BRECCIA, HEMATITIC WITH NUMEROUS QUARTZ FRAGMENTS AND VEINLETS. QUARTZ OFTEN GREEN COLORED WHERE MINERALIZED.

FAULT, SHOWING DIP. DASHED WHERE INFERRED

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STOCKWORK SHEARING

PROPECT PIT, COSTEAN, SHAFT

DRILL HOLE

35 — STRIKE AND DIP OF BEDDING

60 — STRIKE AND DIP OF CRUMPLED BEDS

500 0 500 1000
FEET

PETROGRAPHIC SAMPLE LOCATIONS.

GEOLOGY

HOMESTAKE MINING COMPANY

B.V.O. PROPERTY

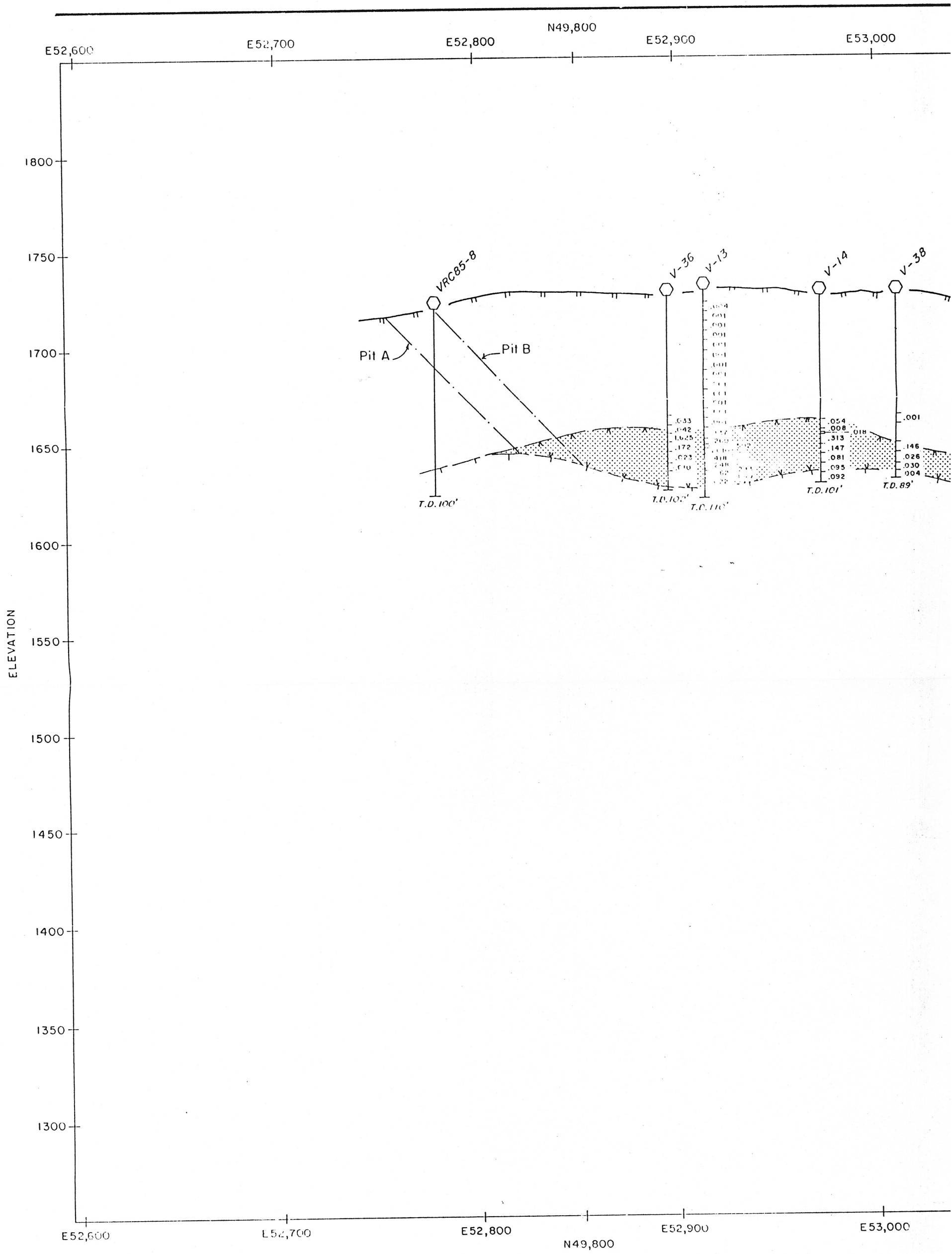
YUMA and LA PAZ COUNTIES, ARIZONA

DATA: M. JOHNSON
DRAFTED BY: RDS/bw
DATE: JUNE 1987
REVISIONS:

HOMESTAKE

Fig. 2

M-8142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1400
1350
1300
ELEVATION
VRC85-8
V-36
V-13
V-14
V-38
Pit A
Pit B
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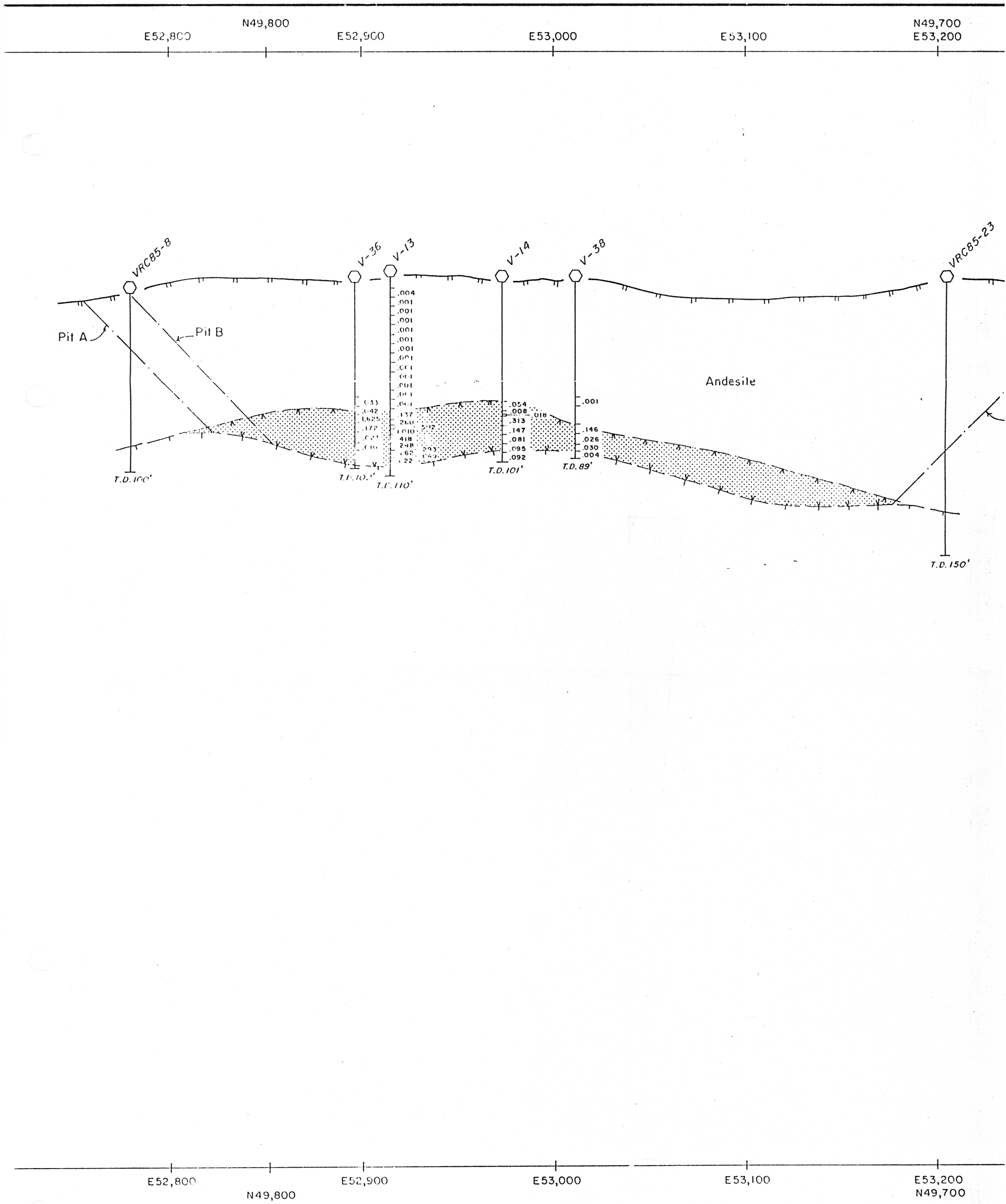
.042
1.625
.172
.023
.010
.054
.008
.313
.147
.081
.095
.092
.018
.001
.146
.026
.030
.004
T.D. 100'
T.D. 102'
T.D. 110'
T.D. 101'
T.D. 89'

39-1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VRC85-8
V-36
V-13
V-14
V-38
VRC85-23
Pit A
Pit B
Andesite
T.D. 100'
T.D. 110'
T.D. 101'
T.D. 89'
T.D. 150'
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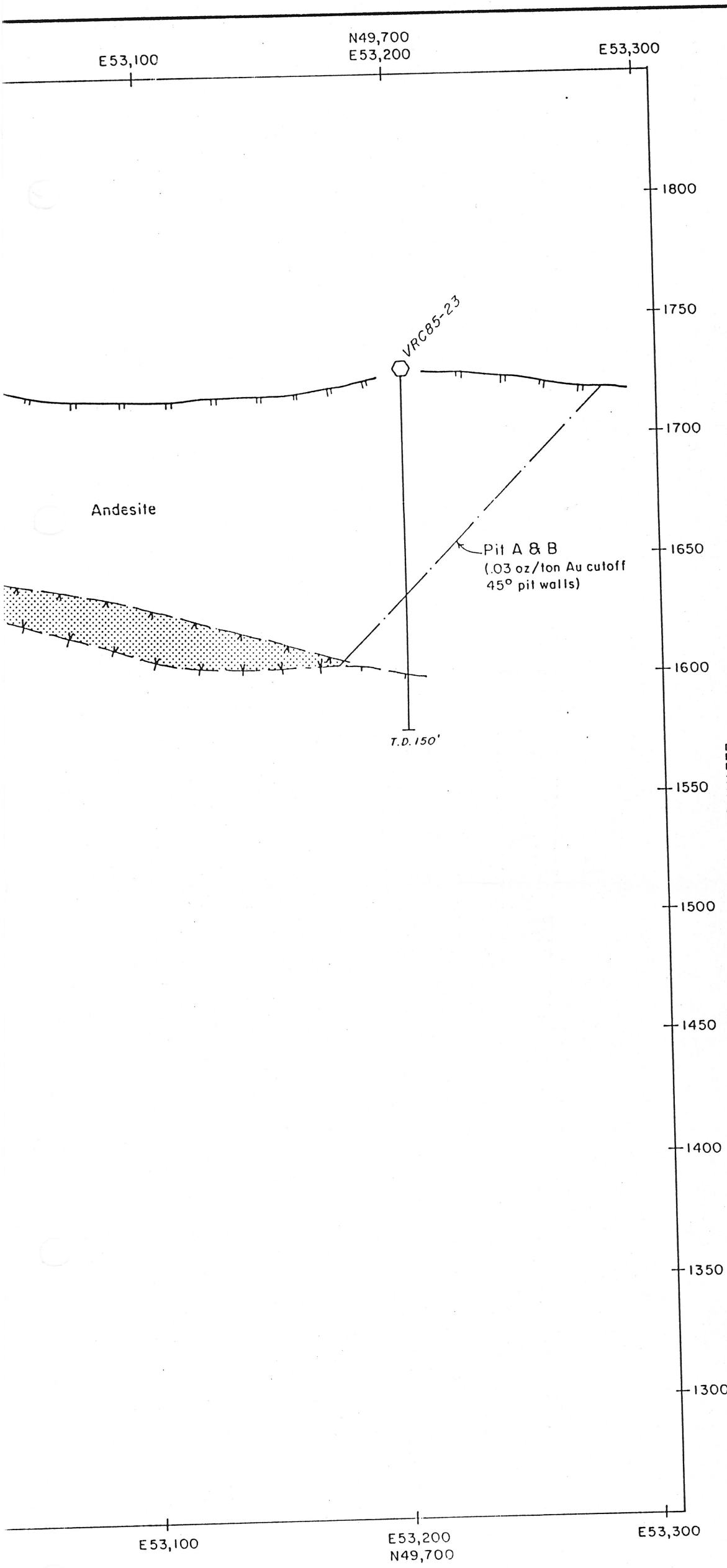
39-2



EXPLANATION

- Propylitic alteration
- Argillic alteration
- Quartz veins and stockworks. Locally massive silicification ± brecciation, calcite.
- Zones of ≥0.01 oz/ton Au mineralization
- Drill hole intercept: Au oz/ton, Ag oz/ton
- Reassay of pre-HMC data: Au oz/ton

50 0 50 100
FEET

Section V3-V3'

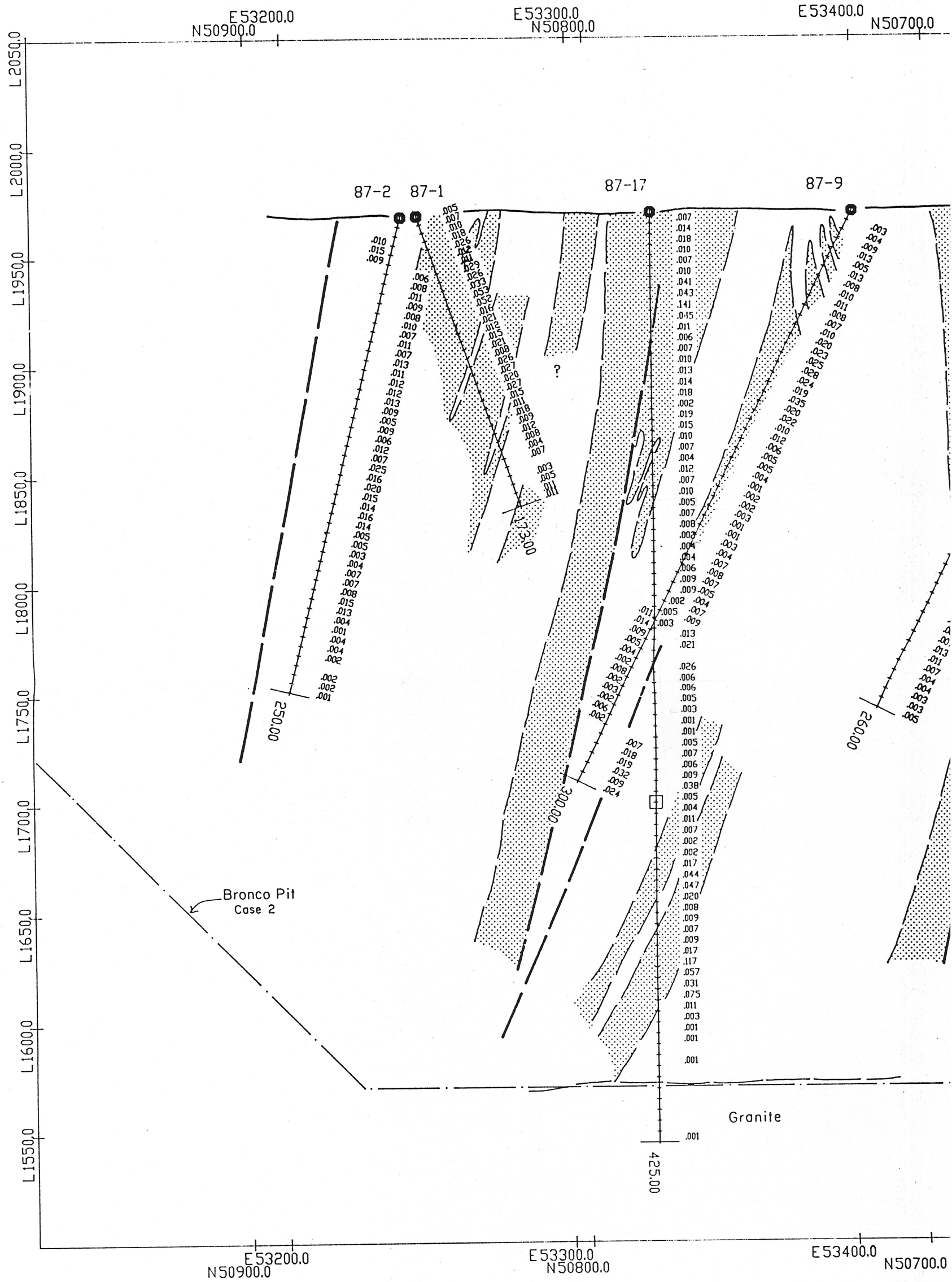
HOMESTAKE MINING COMPANY

VERDSTONE ZONE
B.V.O. PROPERTY
YUMA COUNTY, ARIZONA

DATA: M. Johnson	DATE: FEB. 1988
DRAFTED BY: RDS-kap	REVISIONS:

HOMESTAKE

M-39-3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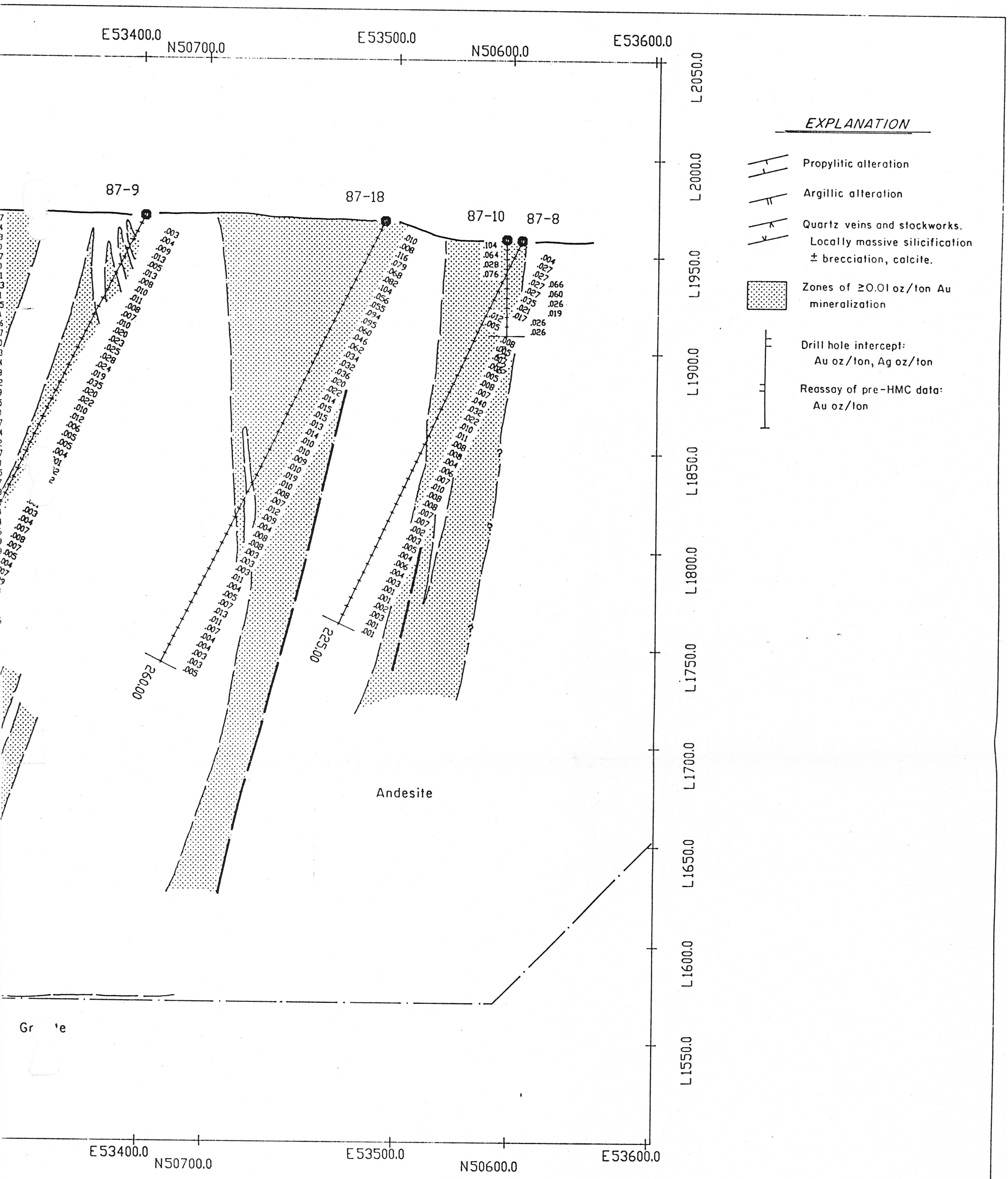
Bronco Pit
Case 2
Granite

M41-1



SCALE

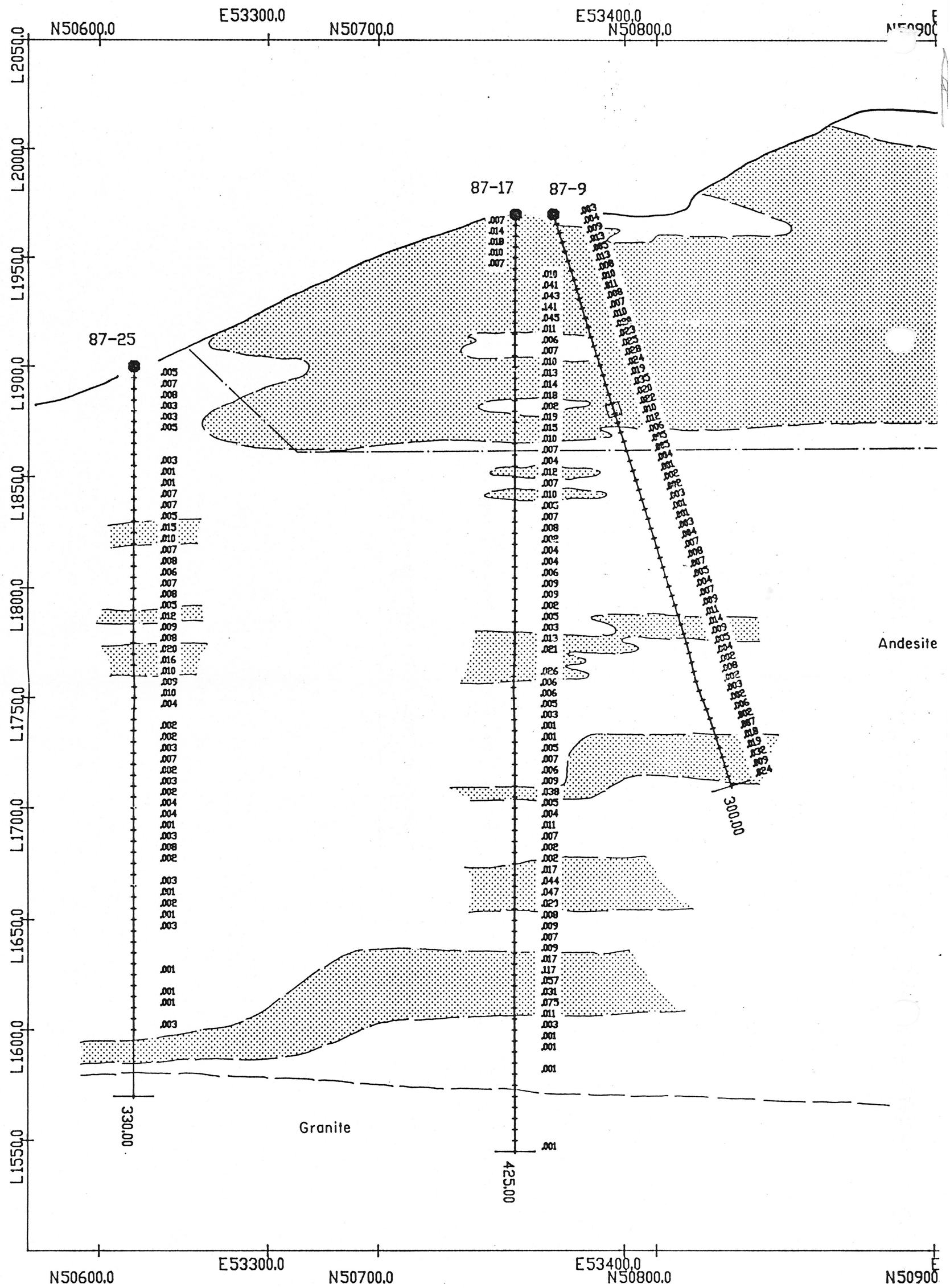
-50. 0. 50.

DATE : 1/22/1988	
UNITS : FEET	
REVISED BY	DATE
RDS/kap	FEB.1988

BVO PROJECT, Yuma County, Arizona
Bronco Zone, Case 2
Section B2 - B2'
Mineralization Associated with Steeply Dipping Structures

Data Processed by : Homestake Mining Company
Software by : Geostat Systems, Golden CO.U

M-91-2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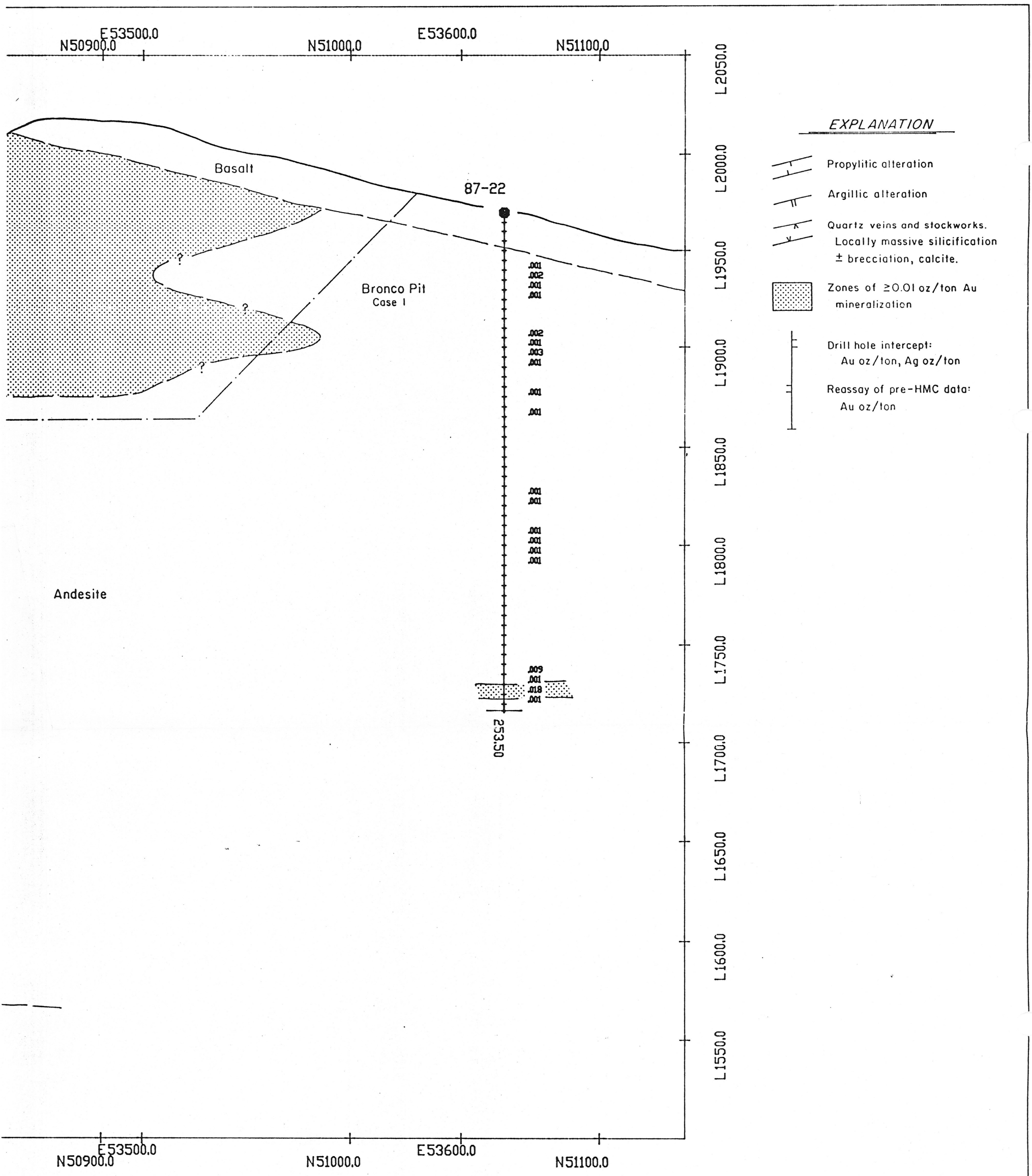
87-25
87-17
87-9
Andesite
Granite
330.00
425.00
300.00

40-1



SCALE

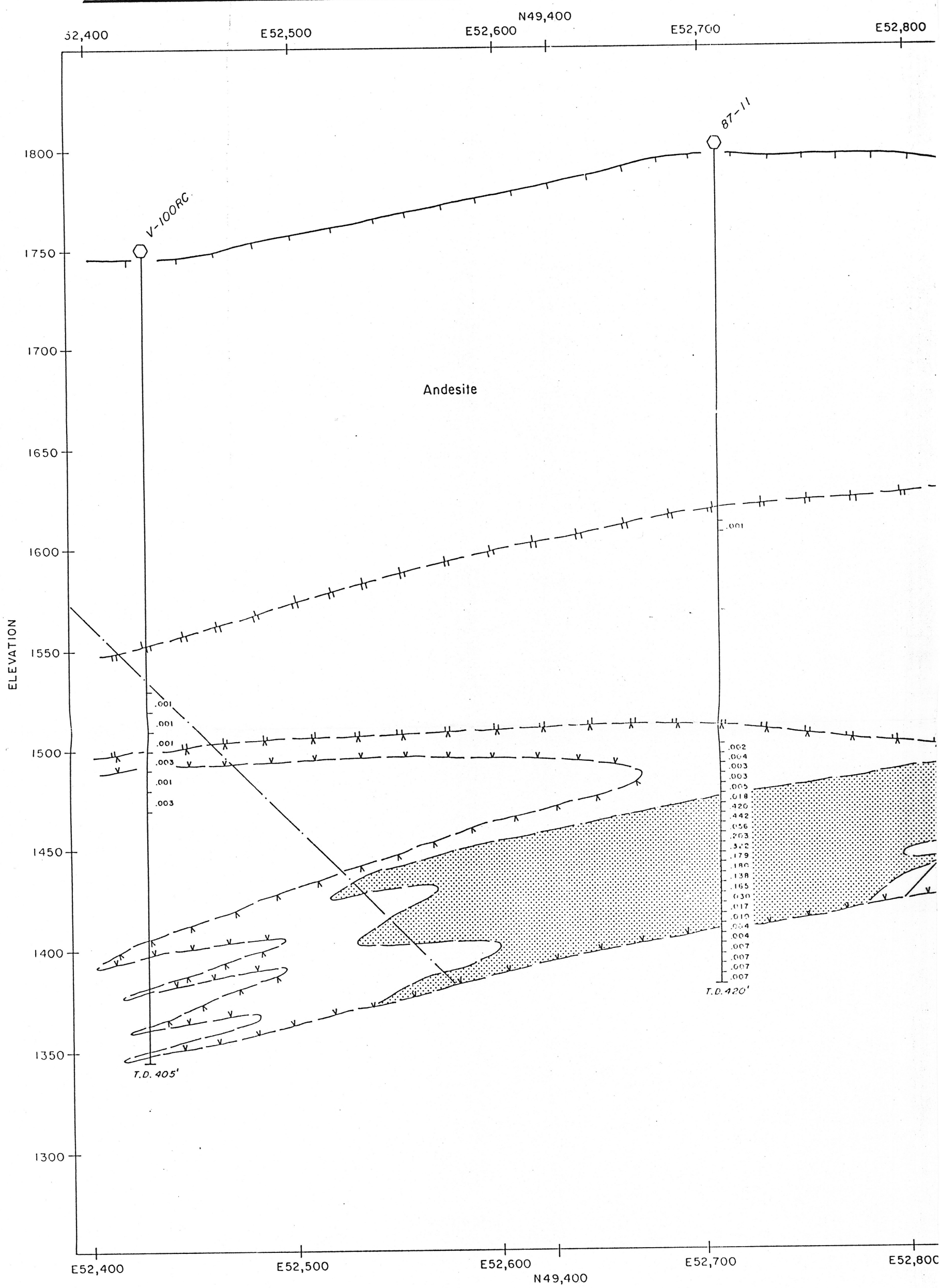
-50. 0. 50.

DATE : 1/22/1988	
UNITS : FEET	
REVISED BY	DATE
RDS/kap	FEB.1988

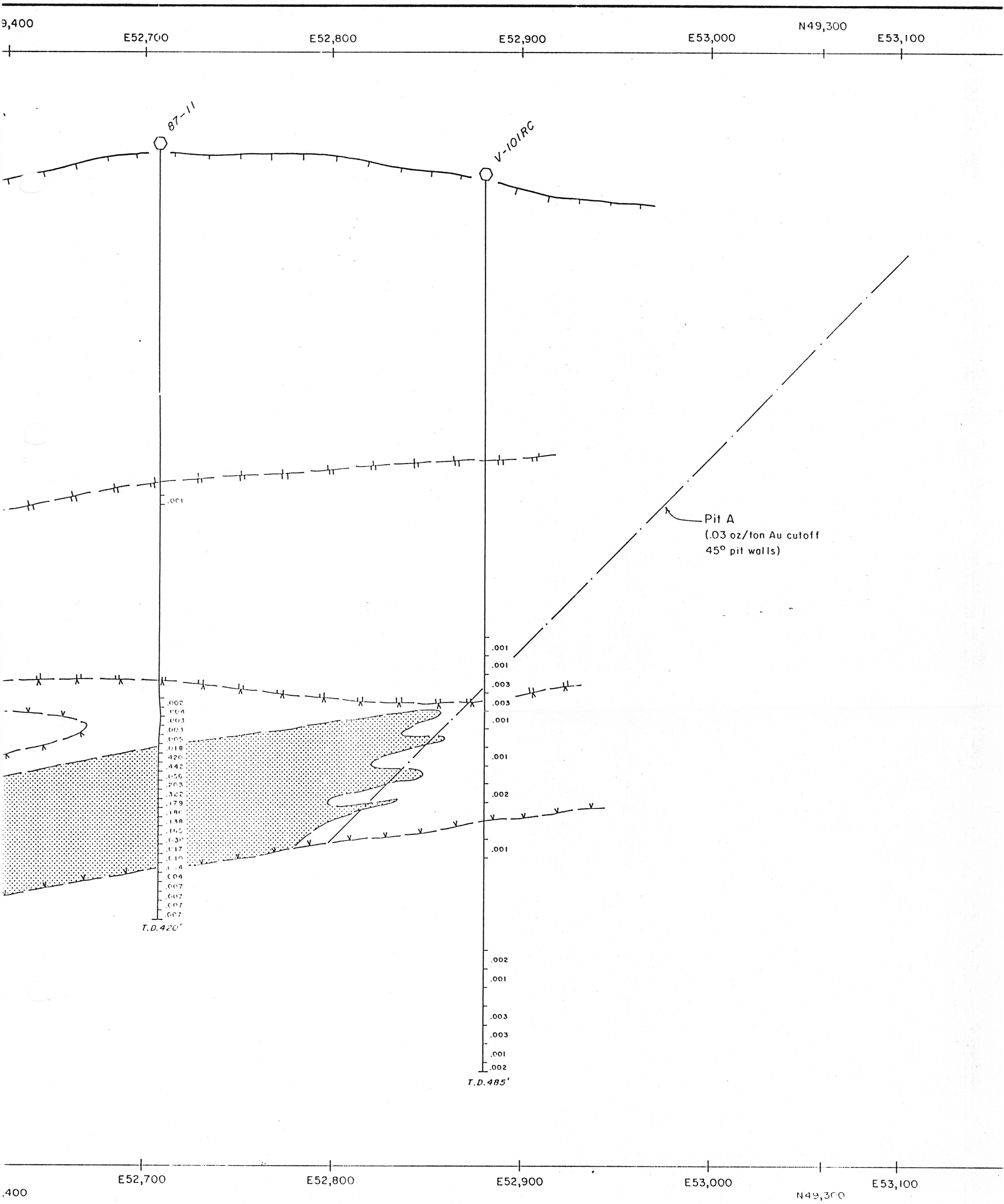
BVO PROJECT, Yuma County, Arizona
Bronco Zone, Case 1
Section B1 - B1'
Mineralization is Flat Lying

Data Processed by : Homestake Mining Company
Software by : Geostat Systems, Golden CO.U

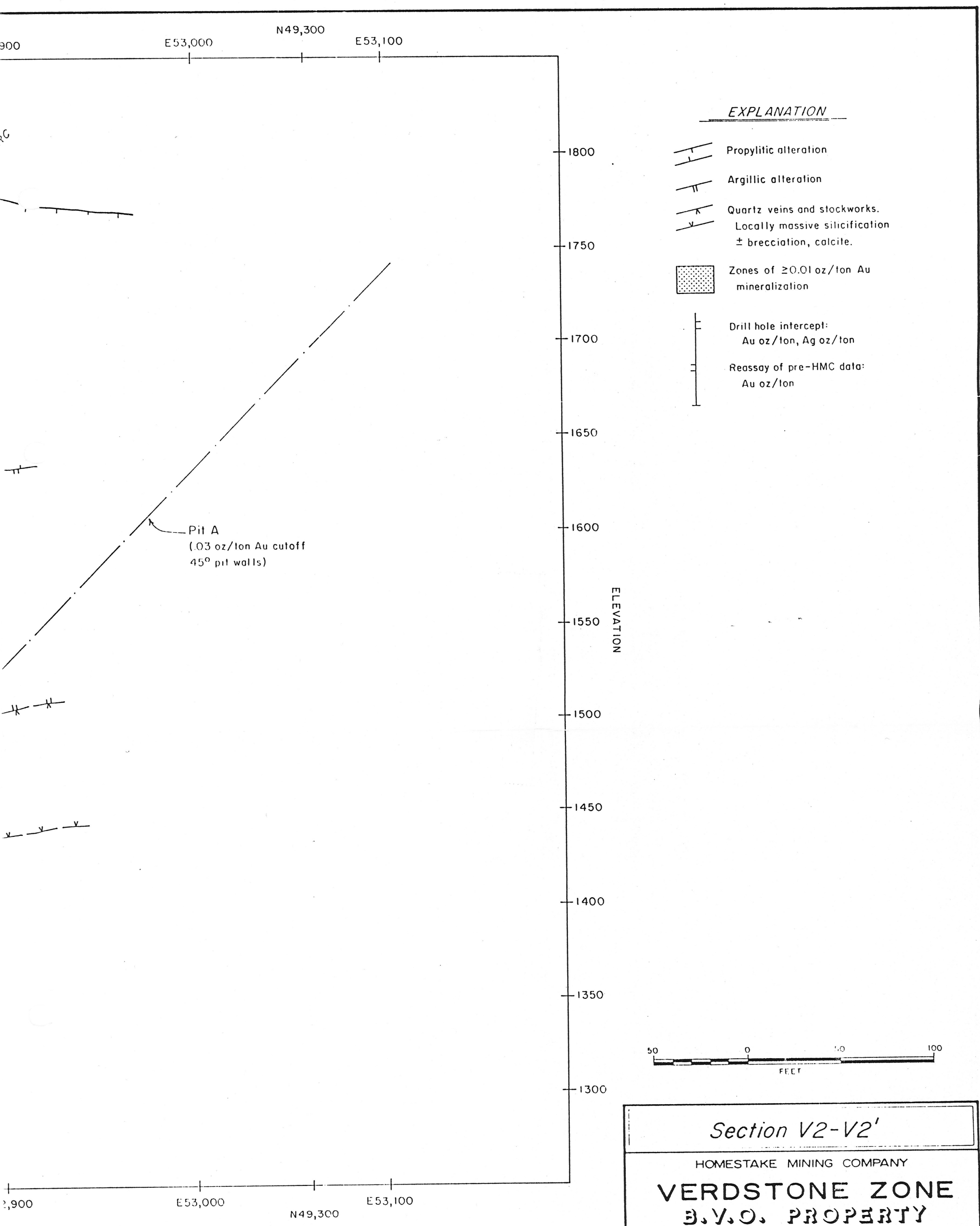
M-90-2


E52,400
E52,500
E52,600
N49,400
E52,700
E52,800
1800
1750
1700
1650
1600
1550
1500
1450
1400
1350
1300
ELEVATION
V-100RC
87-11
Andesite
.001
.001
.001
.001
.003
.001
.003
.001
.002
.004
.003
.003
.005
.018
.420
.442
.056
.203
.342
.179
.180
.138
.165
.030
.017
.010
.004
.004
.007
.007
.007
.007
T.D. 405'
T.D. 420'
E52,400
E52,500
E52,600
N49,400
E52,700
E52,800

M38-1


9,400
E52,700
E52,800
E52,900
E53,000
N49,300
E53,100
87-11
V-101RC
Pit A
(.03 oz/ton Au cutoff
45° pit walls)
T.D. 420'
T.D. 485'
E52,700
E52,800
E52,900
E53,000
E53,100
N49,300

M 38-2



Section V2-V2'

HOMESTAKE MINING COMPANY

VERDSTONE ZONE
B.V.O. PROPERTY
YUMA COUNTY, ARIZONA

DATA M.Johnson DRAFTED BY: RDS-kap	DATE FEB. 1988 REVISIONS:

HOMESTAKE

M-38-3

OAKLAND (+) YUMA Co.

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email: info@abingtonventures.com

July 9, 2003 TRADING SYMBOL: ABV-V (shares) / ABV.WT (warrants)

NEWS RELEASE

ABINGTON DRILLING INTERSECTS ADDITIONAL 13.7 FEET OF .209 opt (7.66 gpt) GOLD AND COMMISSIONS FURTHER GEOLOGICAL AND ENGINEERING STUDIES

Mr. Walter Brenner is very pleased to report the last two drill holes (of the initial 6 hole program) have intersected the target vein of high-grade gold in the Verdstone 3 West (V3W) zone. The assay result of the upper portion of hole VDC03-05 is better than the first 4 holes, as previously reported, and further confirm the presence of a distinct zone of high-grade gold mineralization. Detailed assay analysis of VDC03-05 and VDC03-06 are reproduced herein and reveal significant silver content as was present in previous holes. Further assay analysis, geological and engineering work is underway. Additional results will be reported as received.

The vertical HQ Diamond Drill holes were completed on the Verdstone Property in Yuma County, Arizona between April 26 and May 27. Intersection lengths noted in the following table are presented in feet of Apparent Thickness (A.T.) logged in the drill core. The upper portion of the vein is almost flat; therefore, A.T. will be close to True Thickness.

Hole # VDC03-05 total depth of 330.9 feet

Hole	Drill type	From	To	Length (ft)	Gold (gpt)	Gold (opt)	Silver (gpt)	Silver (opt)
VDC03-05	core	176.3	180.0	3.7	25.67	0.749	123.00	3.59
VDC03-05	core	180.0	190.0	10.0	1.09	0.032	25.70	0.75
VDC03-05	core	190.0	200.0	10.0	0.98	0.029	13.60	0.40
VDC03-05	core	200.0	211.4	11.4	0.39	0.011	5.00	0.15
VDC03-05	core	218.8	220.2	1.4	0.50	0.015	0.90	0.03
VDC03-05	core	279.5	290.0	10.5	5.24	0.153	42.00	1.23
VDC03-05	core	290.0	300.5	10.5	2.29	0.067	40.00	1.17
VDC03-05	core	300.5	330.9	30.4	1.30	0.038	3.40	0.10

Hole # VDC03-06 total depth of 362 feet

Hole	Drill type	From	To	Length (ft)	Gold (gpt)	Gold (opt)	Silver (gpt)	Silver (opt)
VDC03-06	core	234.2	234.6	0.4	7.37	0.215	80.00	2.33
VDC03-06	core	240.1	242.3	2.2	5.41	0.158	35.70	1.04
VDC03-06	core	331.5	333.5	2.0	0.50	0.015	4.90	0.14

On the basis of these successful drilling results, management intends to commission a formal geological report as to whether bulk tonnage sampling of this potential ore body is warranted and file the same with the TSX and other applicable regulatory agencies. It is management's intention to primarily focus on discovering mineable zones of mineralization in the highly prospective Verdstone area and seeks to put V3W into active production and yield positive cash flow for the Company. All transactions or proposed transactions are expressly subject to TSX and all other regulatory approvals.

The Verdstone Mine consisted of three stacked zones of mineralization, which were profitably mined, one after the other, from approximately 1989 to 1994. While in production, approximately 500,000 tons of mined veins yielded economic grades of gold and silver. The apparent discovery of another, related but distinct zone (V3W) is consistent with the geology of epithermal gold deposits and could indicate replication throughout the area, therefore management is optioning additional mineral claims.

As noted in previous press releases of the Company, Mr. John Stockwell, P.Geol. has been retained to independently supervise the drilling program and log the core for assay analysis which is being done in Canada. Mr. Stockwell is a "qualified person" under the requirements of National Instrument 43-101 (Standards of Disclosure for Mineral Projects).

ON BEHALF OF THE BOARD OF DIRECTORS
ABINGTON VENTURES INC.

Per: *Walter Brenner*
Walter Brenner, *President*

The TSX has in no way passed upon the merits of the proposed transaction and has neither approved nor disapproved the information contained herein.