



CONTACT INFORMATION

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Arizona Department of Mines and Mineral Resources Mining Collection

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DRAFT

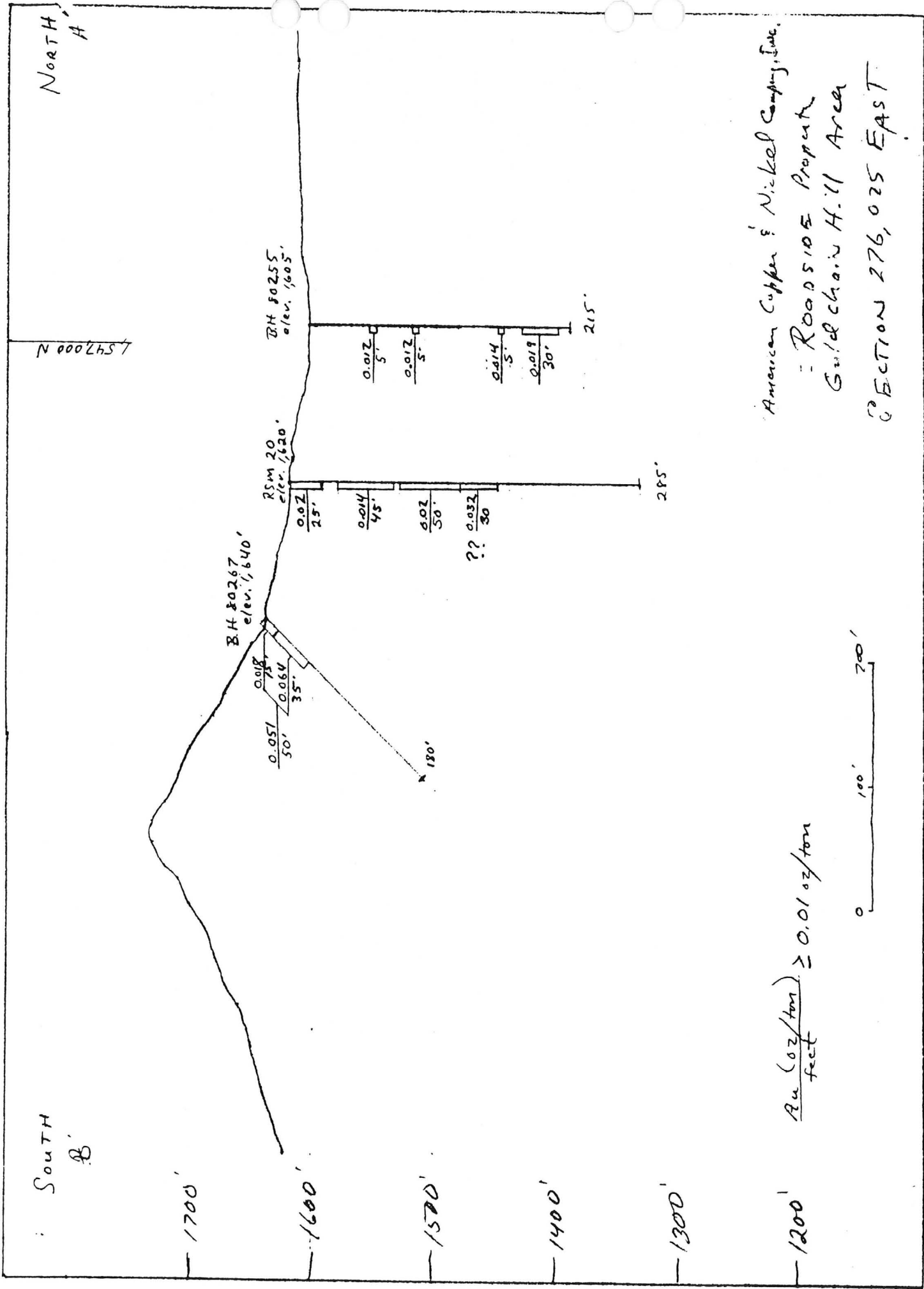
DUPLICATE

PROPERTY EXAMINATION REPORT

December 12, 1990

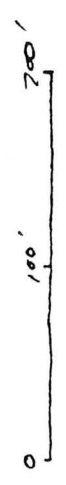
PROPERTY NAME: Roadside Mine Lease	
PRIORITY: high	COMMODITY: gold
EXAMINED BY: P. O'Hara	
REPORT REQUESTED BY: Ivy Minerals Inc.	
AMS SHEET: Kingman	TOPOGRAPHIC MAP: Davis Dam 7.5' (AZ-NEV) Union Pass 7.5', Burns Spring 7.5' and Spirit Mountain 7.5' (AZ-NEV) (figure 1)
DISTRICT: Katherine	COUNTY: Mohave STATE: Arizona
TOWNSHIP,RANGE,SECTION: T21N/R21W/S 1, 2, 3, 10, 11, 12, 13, 14, 24 T22N/R21W/S 25, 26, 27, 34, 35, 36 T21N/R20W/S 4, 6, 7, 18	

6/2002
3m } - CON - of Report 9 of 10
file.



American Copper & Nickel Company, Inc.
 = Roadside Property
 Grid chain H. 11 Area
 SECTION 276, 025 EAST

$$\frac{Au \text{ (oz/ton)}}{\text{feet}} \geq 0.01 \text{ oz/ton}$$



SOUTH
B'

NORTH
A'

1700'

1600'

1500'

1400'

1300'

1200'

N 1547000 N

BH 80267
elev. 1640'

RSM 20
elev. 1620'

BH 80255
elev. 1605'

0.02
25'

0.014
45'

0.02
50'

?? 0.032
30'

0.012
5'

0.012
5'

0.014
5'

0.019
30'

215'

285'

180'

200'

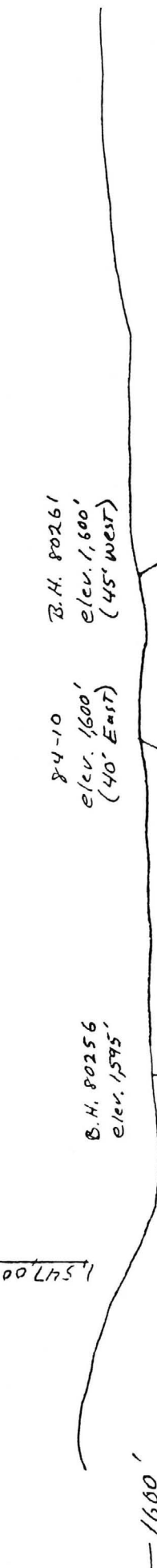
100'

0

NORTH

1,547,000 North

SOUTH



B.H. 80261
elev. 1,600'
(45° West)

84-10
elev. 1,600'
(40° East)

B.H. 80256
elev. 1,595'

0.012
5'

0.018
25'

(15° East)
300'

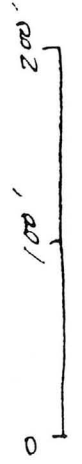
0.032
5'
0.016
20'
0.011
15'

500'
(45° West)

American Copper & Nickel Company, Inc.

ROADSIDE PROPERTY
GOLD CHAIN HILL AREA
SECTION 275,675 EAST

1100' $\frac{\text{Avg. Coz/ton}}{\text{feet}} \geq 0.01 \text{ oz/ton}$



1600'

1500'

1400'

1300'

1200'

1100'

North

South

1,547,000 North

1700'

1600'

1500'

1400'

1300'

1200'

BH. 80260
elev. 1630'

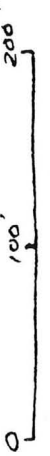
BH 80269
elev. 1635'

0.011
5'
0.018
5'
0.014
5'

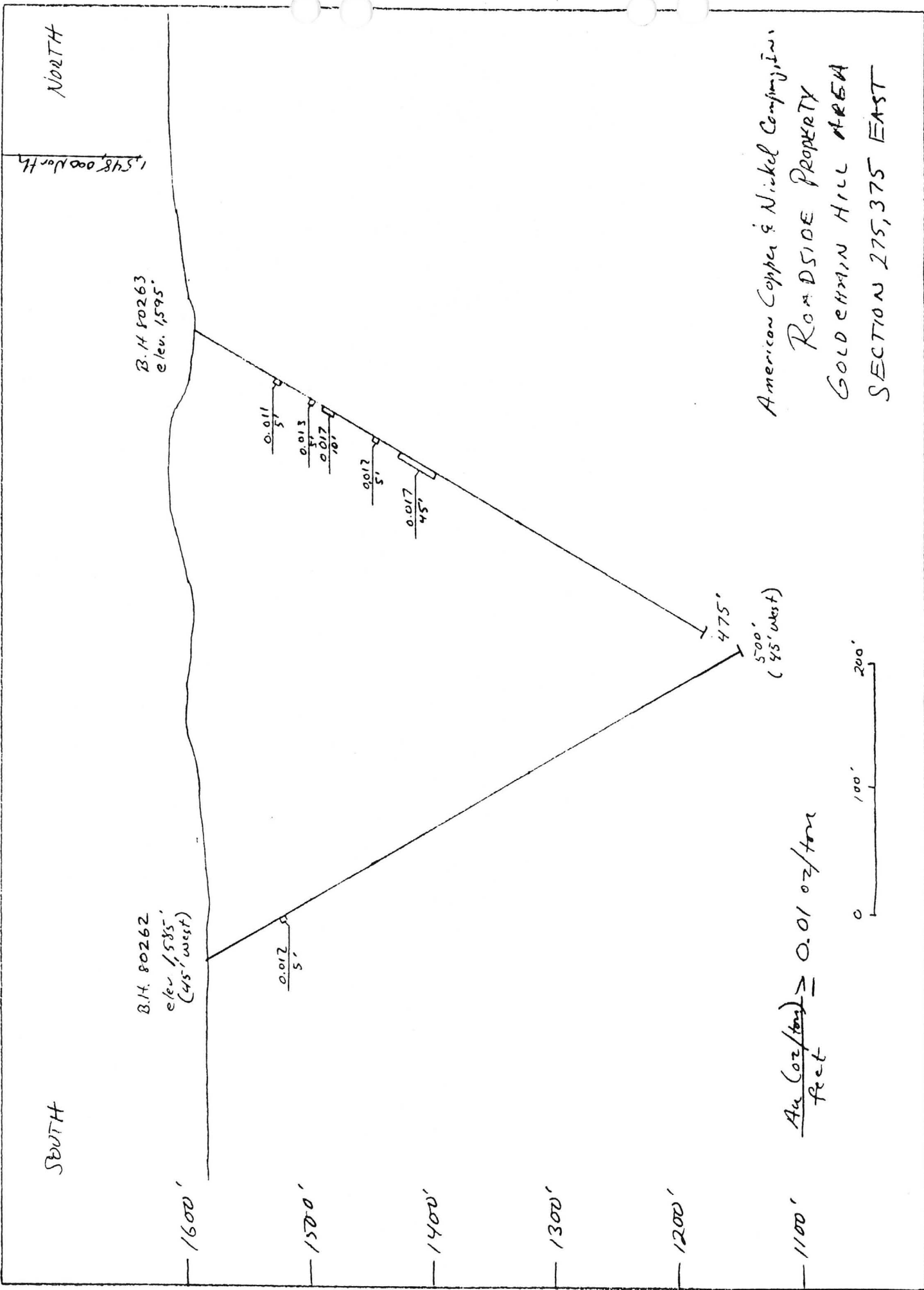
0.019
10'
320'

0.021
20'
0.031
70'
0.011
10'
330'

$\frac{\text{Au (oz/ton)}}{\text{feet}} \geq 0.01 \text{ oz/ton}$



American Copper & Nickel Company, Inc.
Roadside Property
Gold Chain Hill AREA
SECTION 276, 125 EAST



SOUTH

NORTH

B.H. 80262
elev 1585'
(45' west)

B.H. 80263
elev 1595'

1,548.000 North

1600'

1500'

1400'

1300'

1200'

1100'

0.012
5'

0.011
5'

0.013
5'

0.017
10'

0.017
5'

0.017
45'

475'
500'
(45' west)

$\frac{Au (oz/ton)}{Rect} \geq 0.01 oz/ton$

0 100' 200'

American Copper & Nickel Company, Inc.
ROADSIDE PROPERTY
GOLDEN HILL AREA
SECTION 27S, 37S EAST

NORTH

SOUTH

1,547,000 North

84-5
elev. 1600'
(25' West)

B.H. 80257
elev. 1575'
(35' East)

1600'

1500'

1400'

1300'

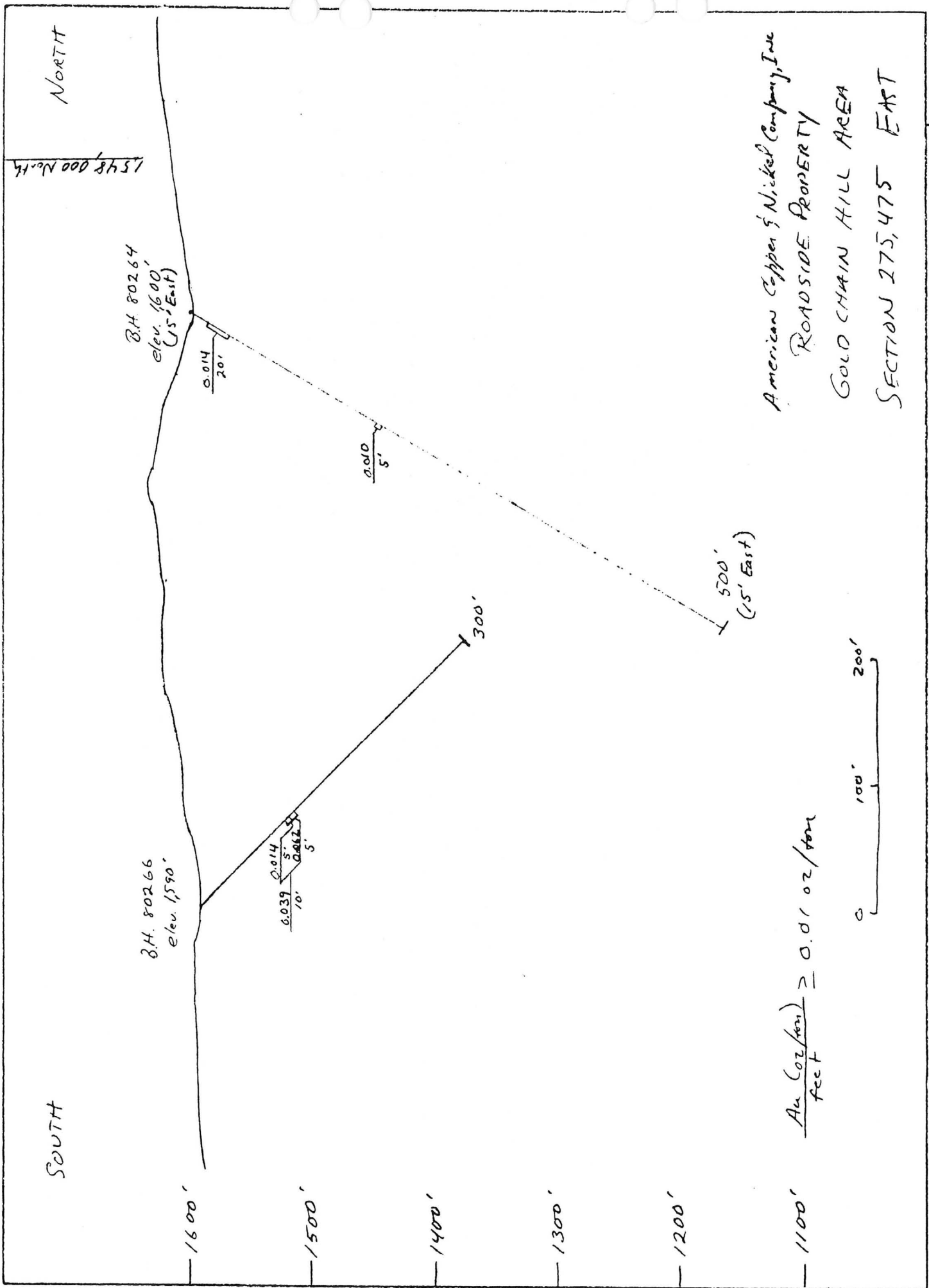
1200'

1100'

500'

0 100' 200'

American Copper & Nickel Company, Inc.
ROXTON PROPERTY
GOLCHAIN HILL AREA
SECTION 175, 175 EAST



SOUTH

NORTH

BH 80264
elev. 1600'
(15' East)

BH 80266
elev. 1590'

0.014
20'

0.039
70'
0.014
5'
0.012
5'

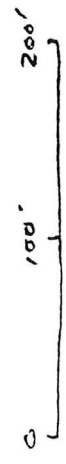
0.010
5'

300'

500'
(15' East)

American Copper & Nickel Company, Inc.
ROADSIDE PROPERTY
GOLD CHAIN HILL AREA
SECTION 275,475 EAST

$$\frac{\text{Au (oz/ton)}}{\text{feet}} \geq 0.0102/\text{ton}$$



1600'

1500'

1400'

1300'

1200'

1100'

SOUTH

NORTH

1,547,000 N

1600'

BH80257
EL 1575'

84-5
EL 1600'

1500'

pEgd

pEgd

pEgd

1400'

(25' WEST)
TD 285'

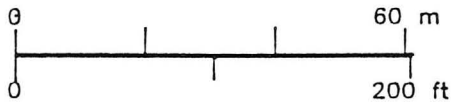
Tand

1300'

1200'

1100'

(35' EAST)
TD 500'



AMERICAN COPPER AND NICKEL CO., INC.

SPARKS, NEVADA

Project: ROADSIDE PROPERTY Area: MOHAVE COUNTY, ARIZONA

SECTION 275,175 EAST SHEET 1 FIGURE 1

Supervisor:	Instrument:	Date drawn:	Revised:
Compiled by:	Drawn by: R. LASSEN	3-30-90	
Scale: 1' = 100'	File:	N.T.S.	

SOUTH

NORTH

1,547,000 N

1600'

BH80257
EL 1575' 20

84-5
EL 1600'

1500'

1400'

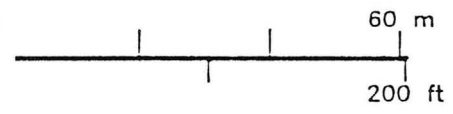
1300'

1200'

1100'

(25' WEST)
TD 285'

(35' EAST)
TD 500'



chips - carbonate veins to

AMERICAN COPPER AND NICKEL CO., INC.
SPARKS, NEVADA

Project: ROADSIDE PROPERTY Area: MOHAVE COUNTY, ARIZONA

SECTION 275,175 EAST SHEET 1 FIGURE

Supervisor:	Instrument:	Date drawn:	Revised:
Compiled by:	Drawn by: R. LASSEN	3-30-90	
Scale: 1"=100'	File:	N.T.S.	

SOUTH

NORTH

1,547,000 N

1600'

BH80257
EL 1575'

57

84-5
EL 1600'

1500'

1400'

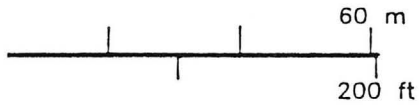
1300'

1200'

1100'

(25' WEST)
TD 285'

(35' EAST)
TD 500'



chips - FeOx SQ

AMERICAN COPPER AND NICKEL CO., INC.
SPARKS, NEVADA

Project: ROADSIDE PROPERTY Area: MOHAVE COUNTY, ARIZONA

SECTION 275,175 EAST SHEET 1 FIGURE

Supervisor:	Instrument:	Date drawn: 3-30-90		Revised:
Compiled by:	Drawn by: R. LASSEN	N.T.S.		
Scale: 1"=100'	File:			

SOUTH

NORTH

1,547,000 N

1600'

BH80257
EL 1575' 20

84-5
EL 1600'

1500'

1400'

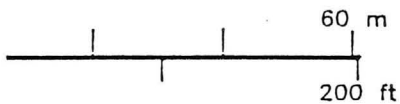
1300'

1200'

1100'

(35' EAST)
TD 500'

(25' WEST)
TD 285'



chips - vein qtz ^{2/10} ~~5/10~~

AMERICAN COPPER AND NICKEL CO., INC.

SPARKS, NEVADA

Project: ROADSIDE PROPERTY Area: MOHAVE COUNTY, ARIZONA

SECTION 275,175 EAST

SHEET 1 FIGURE

Supervisor:

Instrument:

Compiled by:

Drawn by: R. LASSEN

Date drawn: 3-30-90

Revised:

Scale: 1"=100'

File:

N.T.S.

SOUTH

NORTH

1,547,000 N

1600'

BH80257
EL 1575'

9

84-5
EL 1600'

1500'

1400'

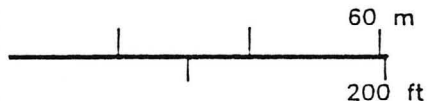
1300'

1200'

1100'

(35' EAST)
TD 500'

(25' WEST)
TD 285'



matrix calcite sq

AMERICAN COPPER AND NICKEL CO., INC.

SPARKS, NEVADA

Project: ROADSIDE PROPERTY Area: MOHAVE COUNTY, ARIZONA

SECTION 275,175 EAST

SHEET
1

FIGURE

Supervisor:

Instrument:

Compiled by:

Drawn by: R. LASSEN

Date drawn:
3-30-90

Revised:

Scale: 1' = 100'

File:

N.T.S.

SOUTH

NORTH

1,547,000 N

1600'

BH80257
EL 1575'

5

84-5
EL 1600'

1500'

1400'

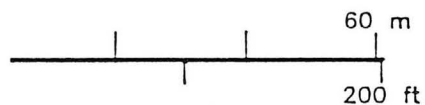
1300'

1200'

1100'

(35' EAST)
TD 500'

(25' WEST)
TD 285'



matrix FeOx SQ

AMERICAN COPPER AND NICKEL CO., INC.
SPARKS, NEVADA

Project: ROADSIDE PROPERTY Area: MOHAVE COUNTY, ARIZONA

SECTION 275,175 EAST

SHEET 1
FIGURE

Supervisor:	Instrument:	Date drawn:	Revised:
Compiled by:	Drawn by: R. LASSEN	3-30-90	
Scale: 1"=100'	File:	N.T.S.	

SOUTH

NORTH

1,547,000 N

1600'

BH80257
EL 1575'

84-5
EL 1600'

1500'

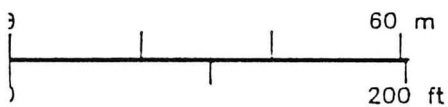
1400'

1300'

1200'

1100'

(25' Wet
TD 285'



(35° EAST)
TD 500'

Gold ppm

AMERICAN COPPER AND NICKEL CO., INC.
SPARKS, NEVADA

Project: ROADSIDE PROPERTY Area: MOHAVE COUNTY, ARIZONA

SECTION 275,175 EAST

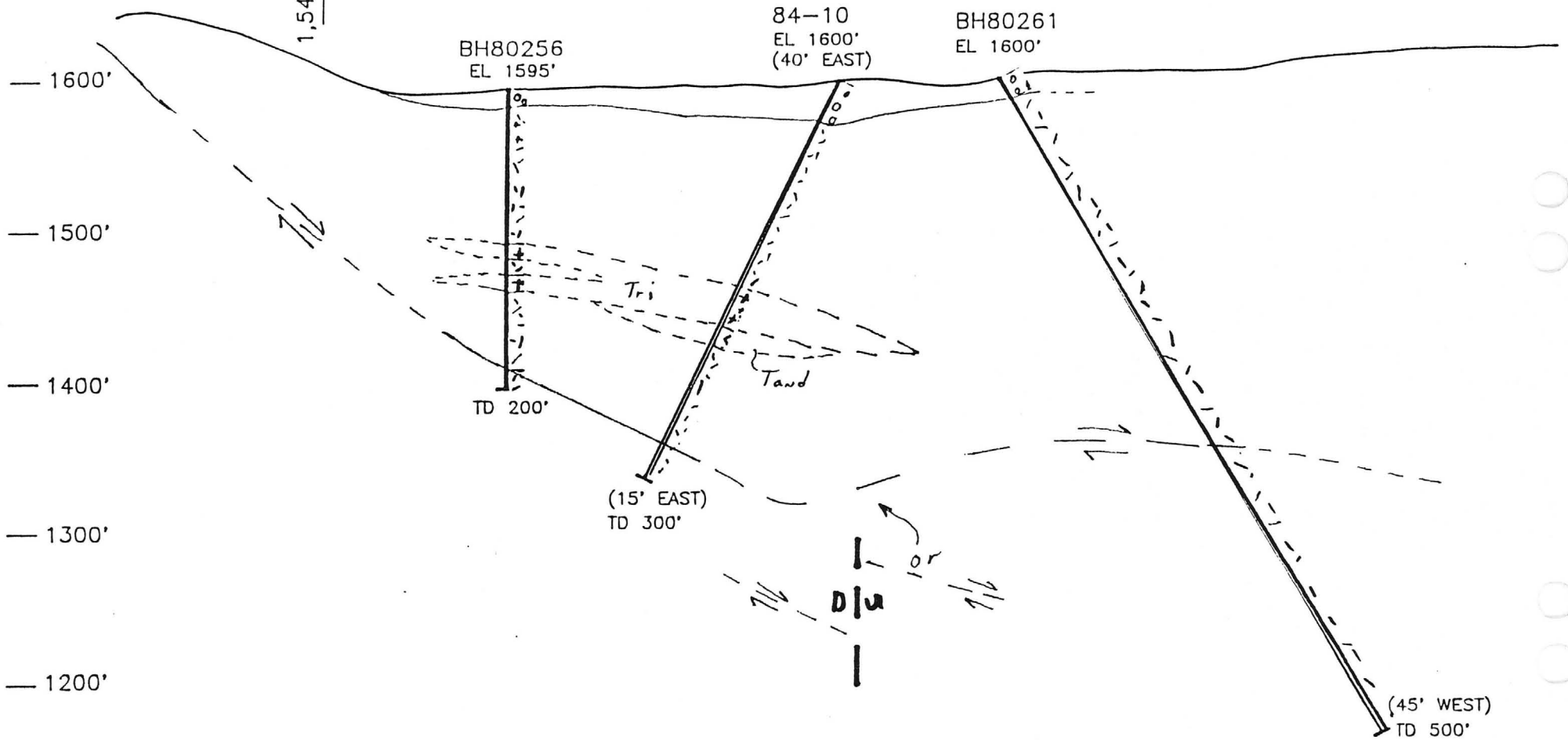
SHEET 1
FIGURE

Supervisor:	Instrument:	Date drawn:	Revised:
Compiled by:	Drawn by: R. LASSEN	3-30-90	
Scale: 1"=100'	File:	N.T.S.	

SOUTH

NORTH

1,547,000 N



AMERICAN COPPER AND NICKEL CO., INC.
SPARKS, NEVADA

Project: ROADSIDE PROPERTY Area: MOHAVE COUNTY, ARIZONA

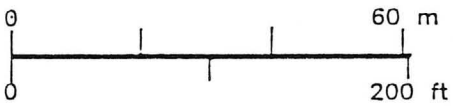
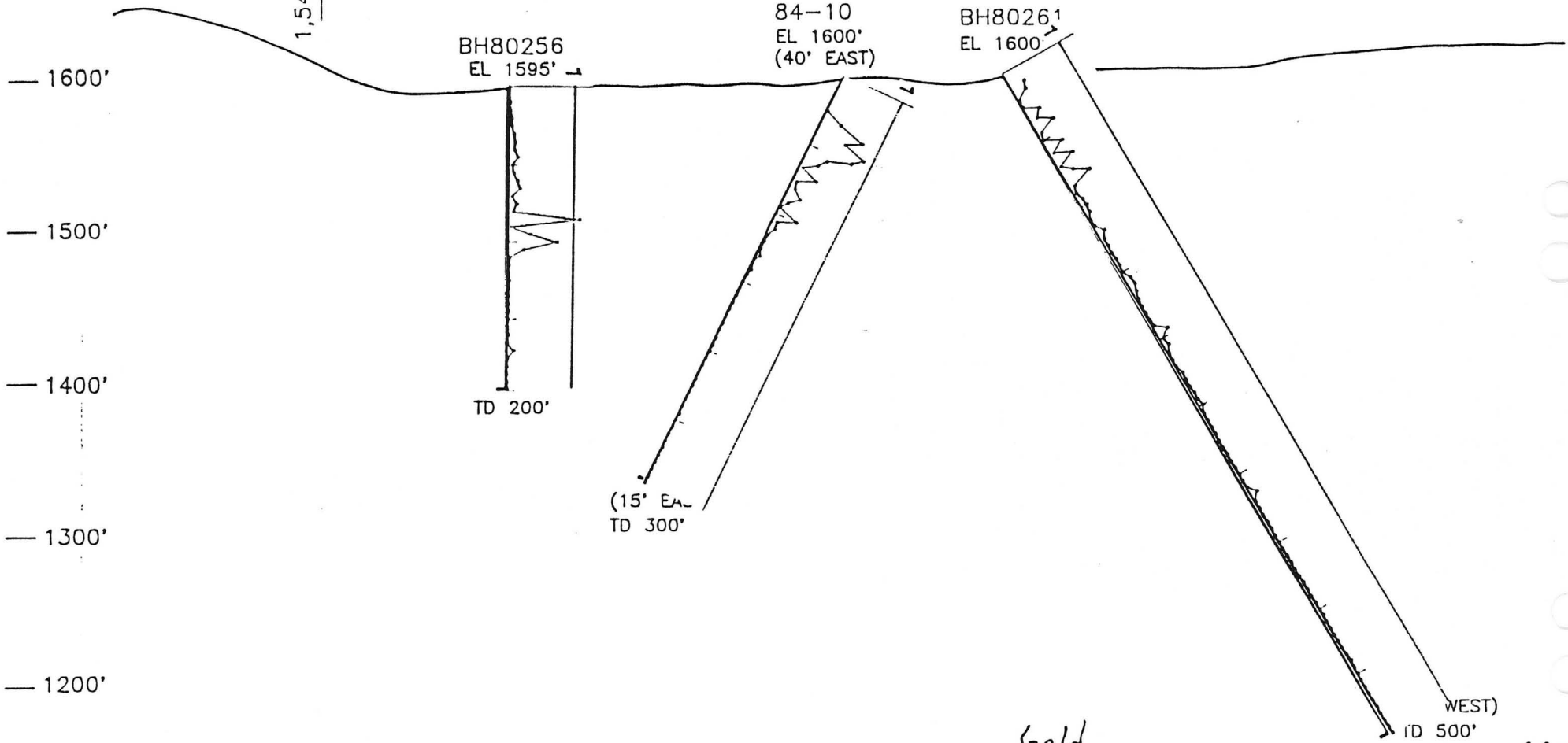
SECTION 275,675 EAST SHEET 1 FIGURE 1

Supervisor:	Instrument:	Date drawn:	Revised:
Compiled by:	Drawn by: R. LASSEN	3-30-90	
Scale: 1"=100'	File:	N.T.S.	

SOUTH

NORTH

1,547,000 N



Gold

WEST)

ID 500'

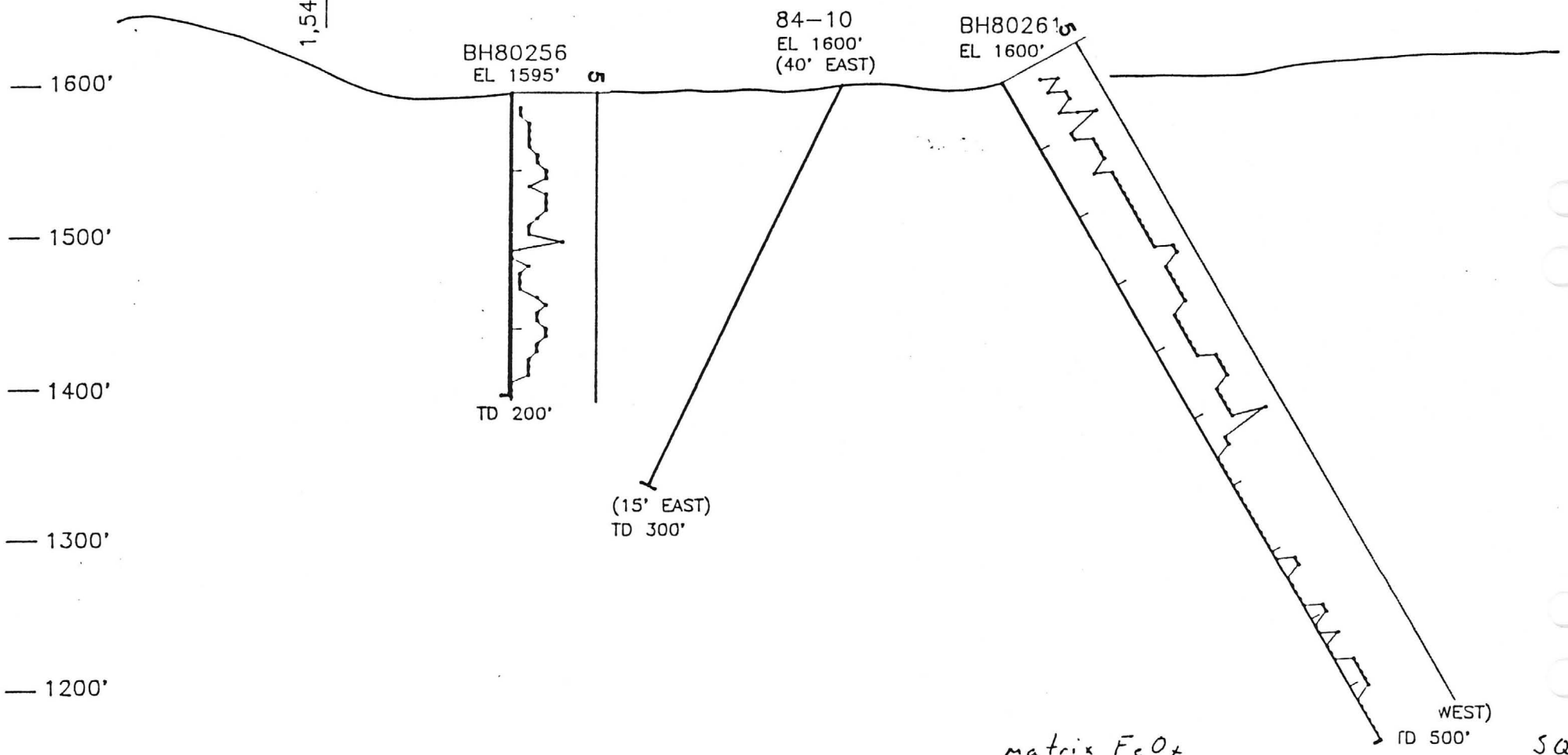
rpm

AMERICAN COPPER AND NICKEL CO., INC.			
SPARKS, NEVADA			
Project: ROADSIDE PROPERTY		Area: MOHAVE COUNTY, ARIZONA	
SECTION 275,675 EAST			SHEET 1
FIGURE 1			
Supervisor:	Instrument:		
Compiled by:	Drawn by: R. LASSEN	Date drawn: 3-30-90	Revised:
Scale: 1"=100'	File:	N.T.S.	

SOUTH

NORTH

1,547,000 N



TD 200'

84-10
EL 1600'
(40' EAST)

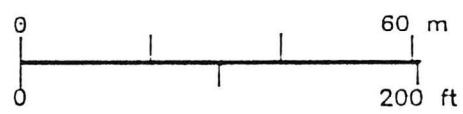
BH80261
EL 1600'

(15' EAST)
TD 300'

WEST)
TD 500'

matrix FeOx

SQ

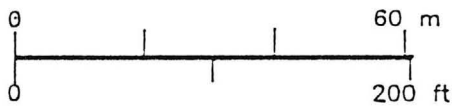
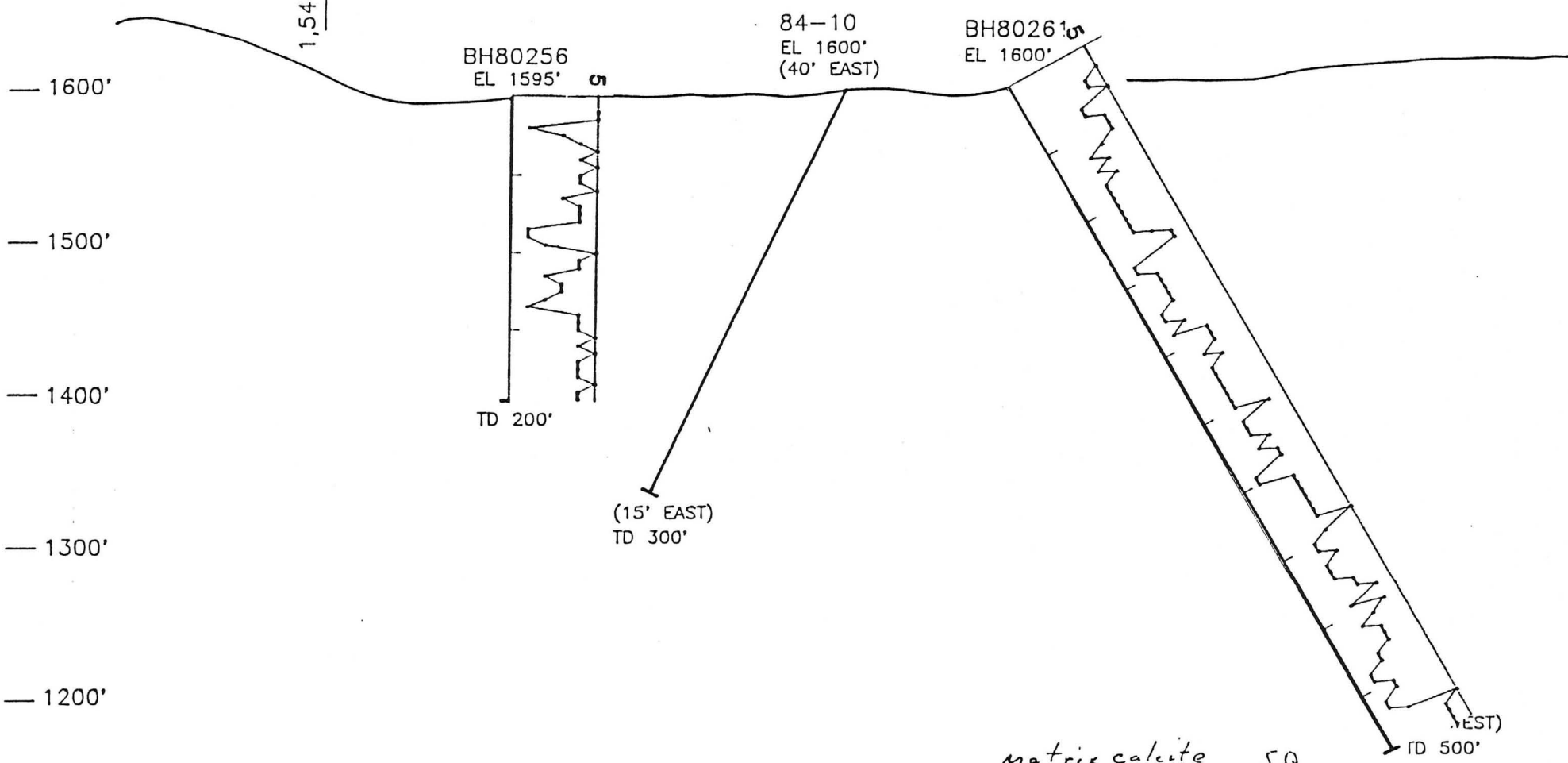


AMERICAN COPPER AND NICKEL CO., INC.			
SPARKS, NEVADA			
Project: ROADSIDE PROPERTY		Area: MOHAVE COUNTY, ARIZONA	
SECTION 275,675 EAST			SHEET 1
Supervisor:		Instrument:	
Compiled by:		Drawn by: R. LASSEN	
Scale: 1"=100'		Date drawn: 3-30-90	
File:		Revised:	
		N.T.S.	

SOUTH

NORTH

1,547,000 N

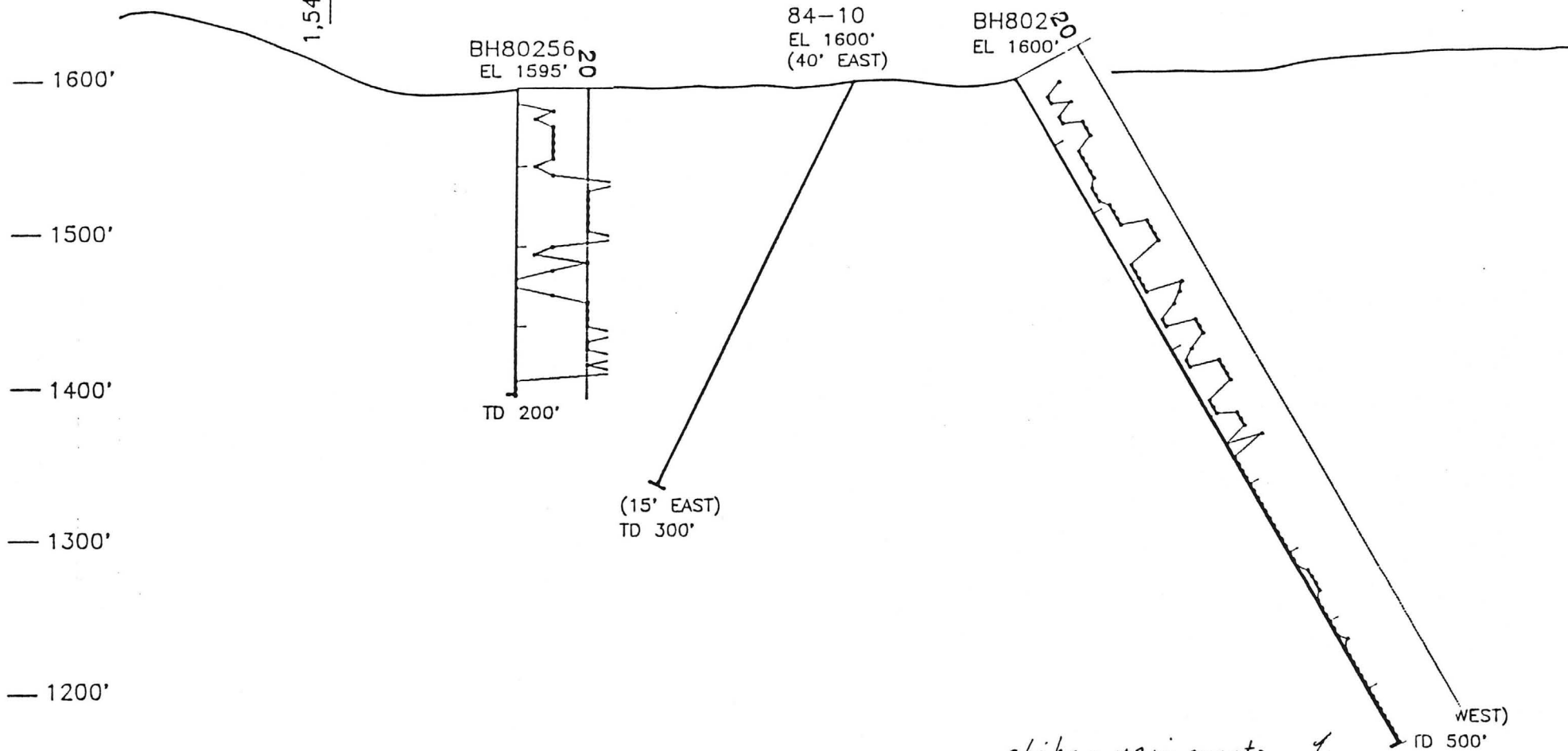


AMERICAN COPPER AND NICKEL CO., INC.			
SPARKS, NEVADA			
Project: ROADSIDE PROPERTY		Area: MOHAVE COUNTY, ARIZONA	
SECTION 275,675 EAST			FIGURE
			1
Supervisor:	Instrument:		
Compiled by:	Drawn by: R. LASSEN	Date drawn: 3-30-90	Revised:
Scale: 1' = 100'	File:	N.T.S.	

SOUTH

NORTH

1,547,000 N



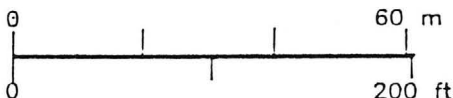
— 1600'

— 1500'

— 1400'

— 1300'

— 1200'

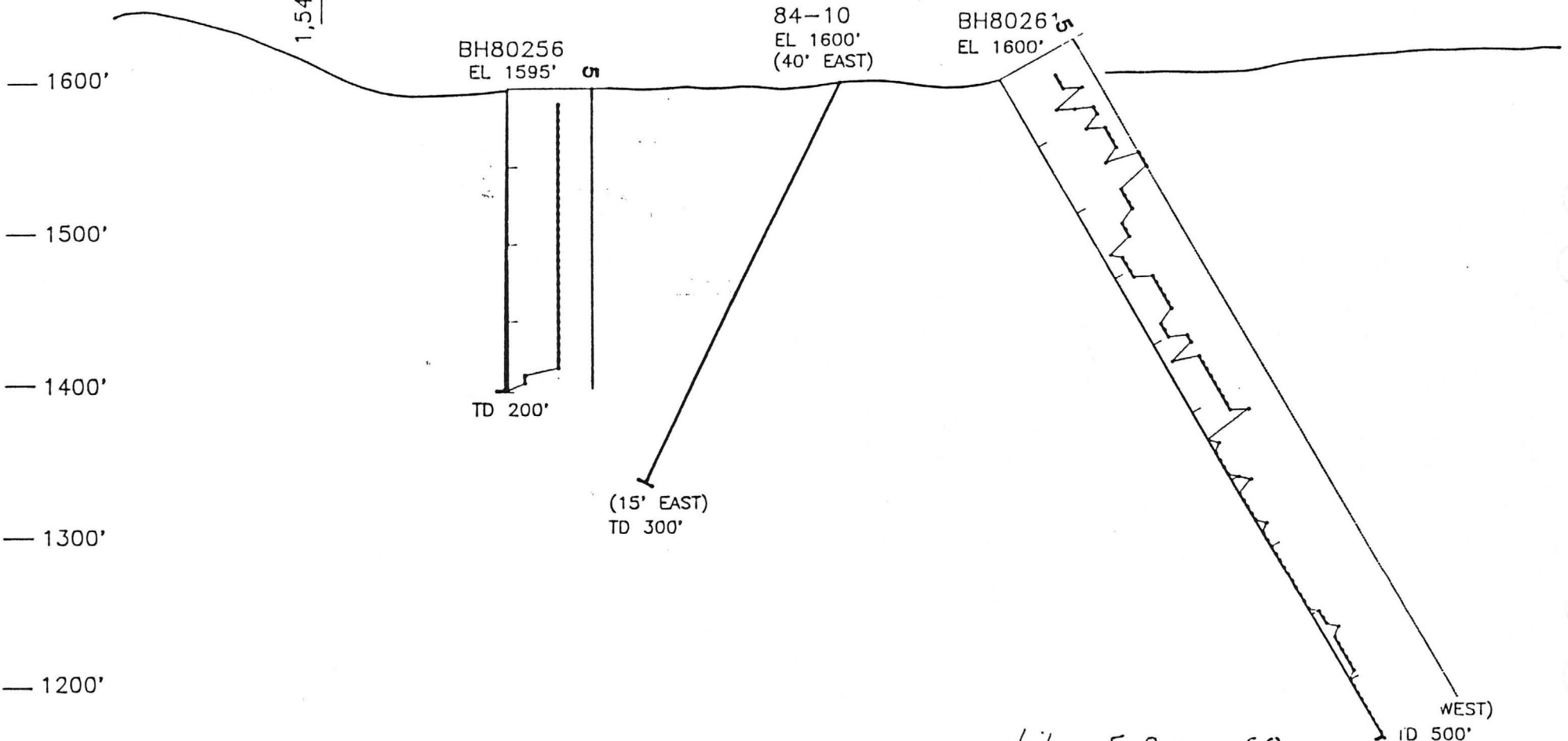


AMERICAN COPPER AND NICKEL CO., INC.			
SPARKS, NEVADA			
Project: ROADSIDE PROPERTY		Area: MOHAVE COUNTY, ARIZONA	
SECTION 275,675 EAST			SHEET 1
FIGURE 1			
Supervisor:	Instrument:		
Compiled by:	Drawn by: R. LASSEN	Date drawn: 3-30-90	Revised:
Scale: 1"=100'	File:	N.T.S.	

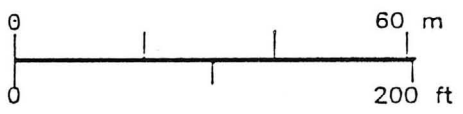
SOUTH

NORTH

1,547,000 N



chips - FeO & SQ

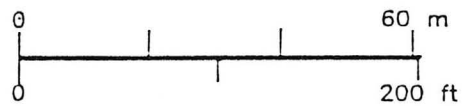
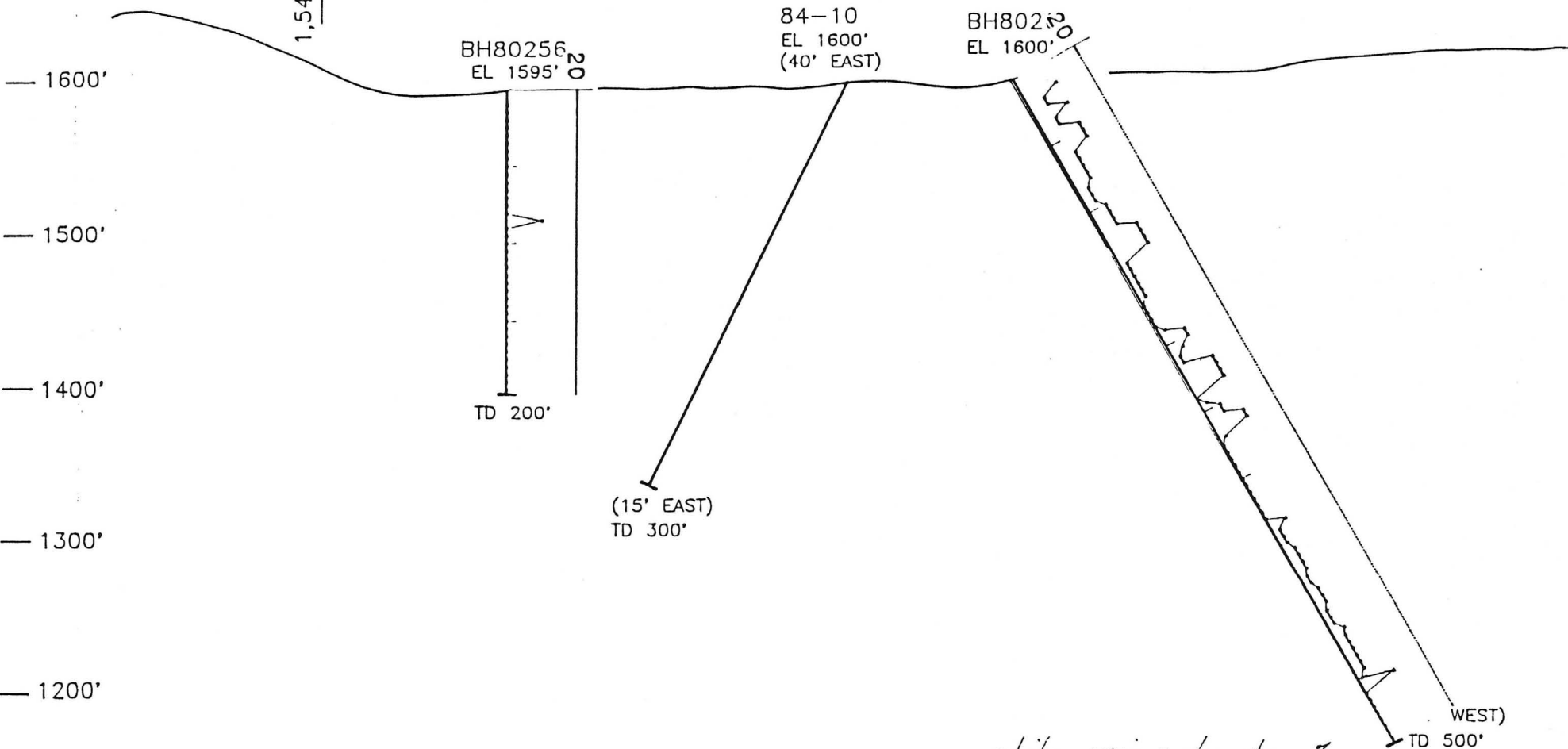


AMERICAN COPPER AND NICKEL CO., INC.			
SPARKS, NEVADA			
Project: ROADSIDE PROPERTY		Area: MOHAVE COUNTY, ARIZONA	
SECTION 275,675 EAST			SHEET 1
Supervisor:		Instrument:	
Compiled by:		Drawn by: R. LASSEN	Date drawn: 3-30-90
Scale: 1"=100'		File:	N.T.S.

SOUTH

NORTH

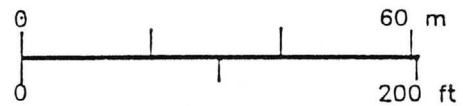
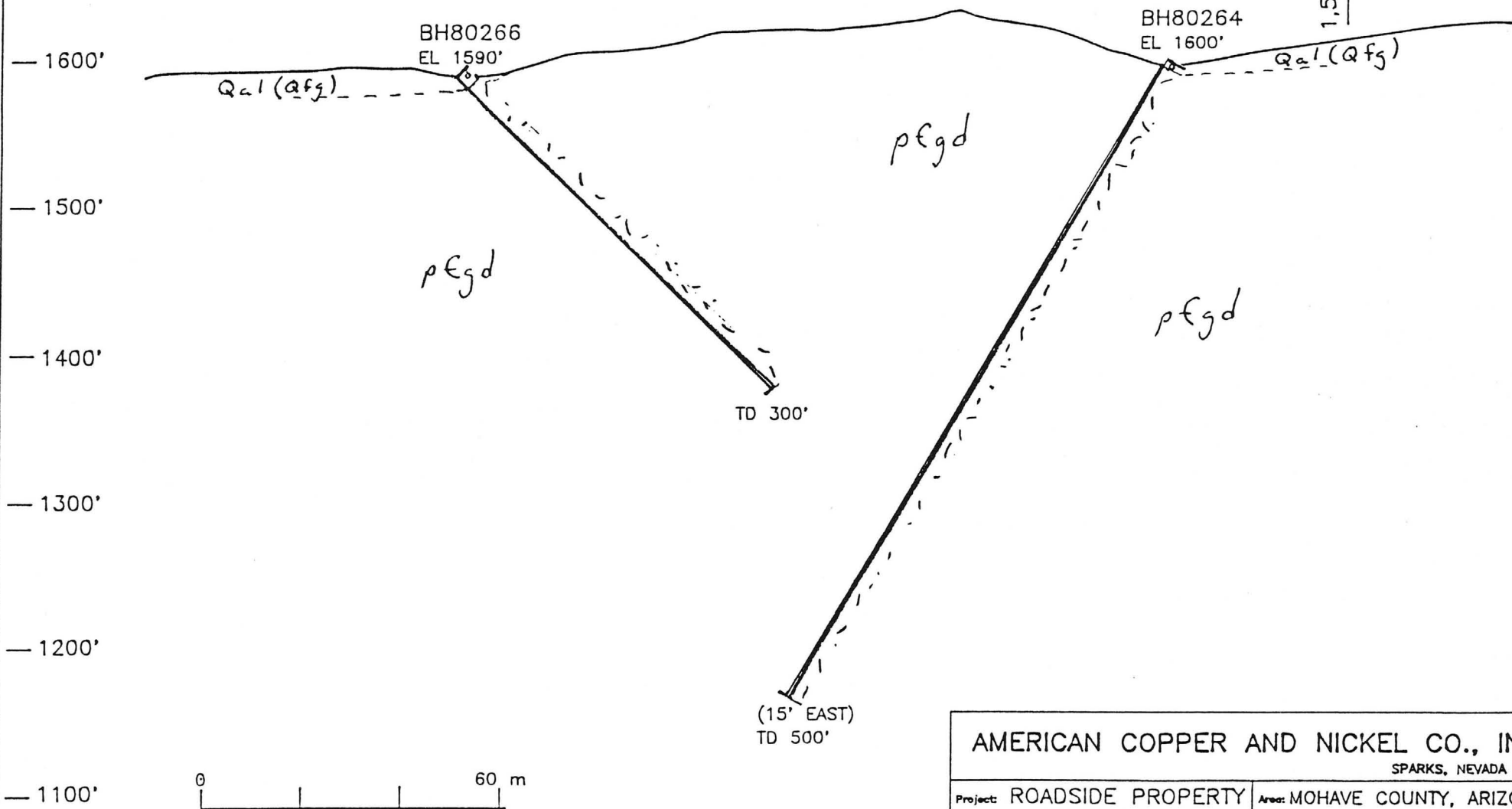
1,547,000 N



AMERICAN COPPER AND NICKEL CO., INC.			
SPARKS, NEVADA			
Project: ROADSIDE PROPERTY		Area: MOHAVE COUNTY, ARIZONA	
SECTION 275,675 EAST			SHEET 1
Supervisor:		Instrument:	
Compiled by:		Date drawn: 3-30-90	
Scale: 1"=100'		Revised:	
File:		N.T.S.	

SOUTH

NORTH

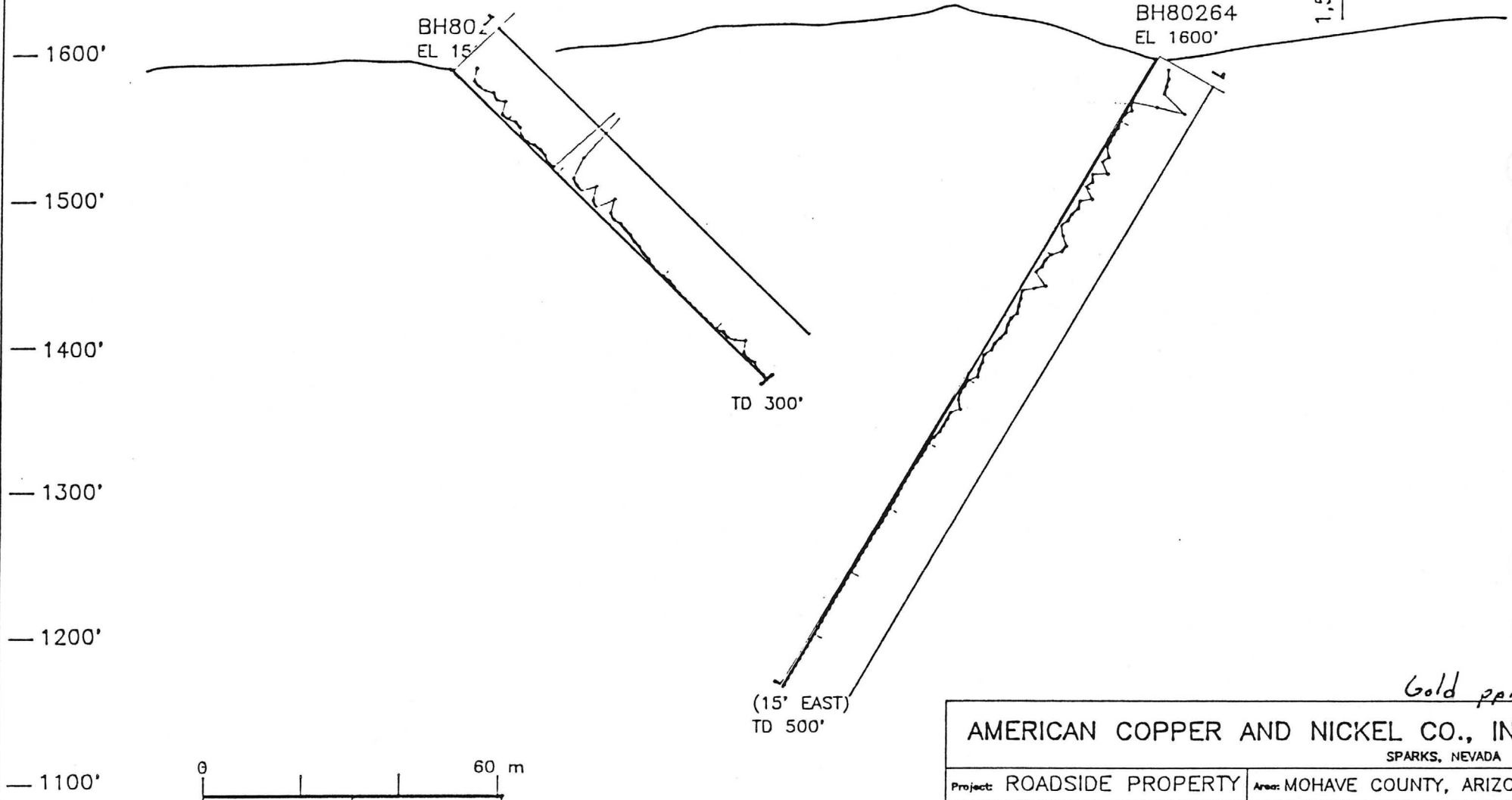


AMERICAN COPPER AND NICKEL CO., INC.			
SPARKS, NEVADA			
Project: ROADSIDE PROPERTY		Area: MOHAVE COUNTY, ARIZONA	
SECTION 275,475 EAST			SHEET 1
Supervisor:		Instrument:	
Compiled by:		Drawn by: R. LASSEN	
Scale: 1"=100'		Date drawn: 3-30-90	
File:		Revised: N.T.S.	

SOUTH

NORTH

1,548,000 N



Gold ppm

AMERICAN COPPER AND NICKEL CO., INC.
 SPARKS, NEVADA

Project: ROADSIDE PROPERTY Area: MOHAVE COUNTY, ARIZONA

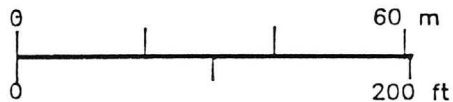
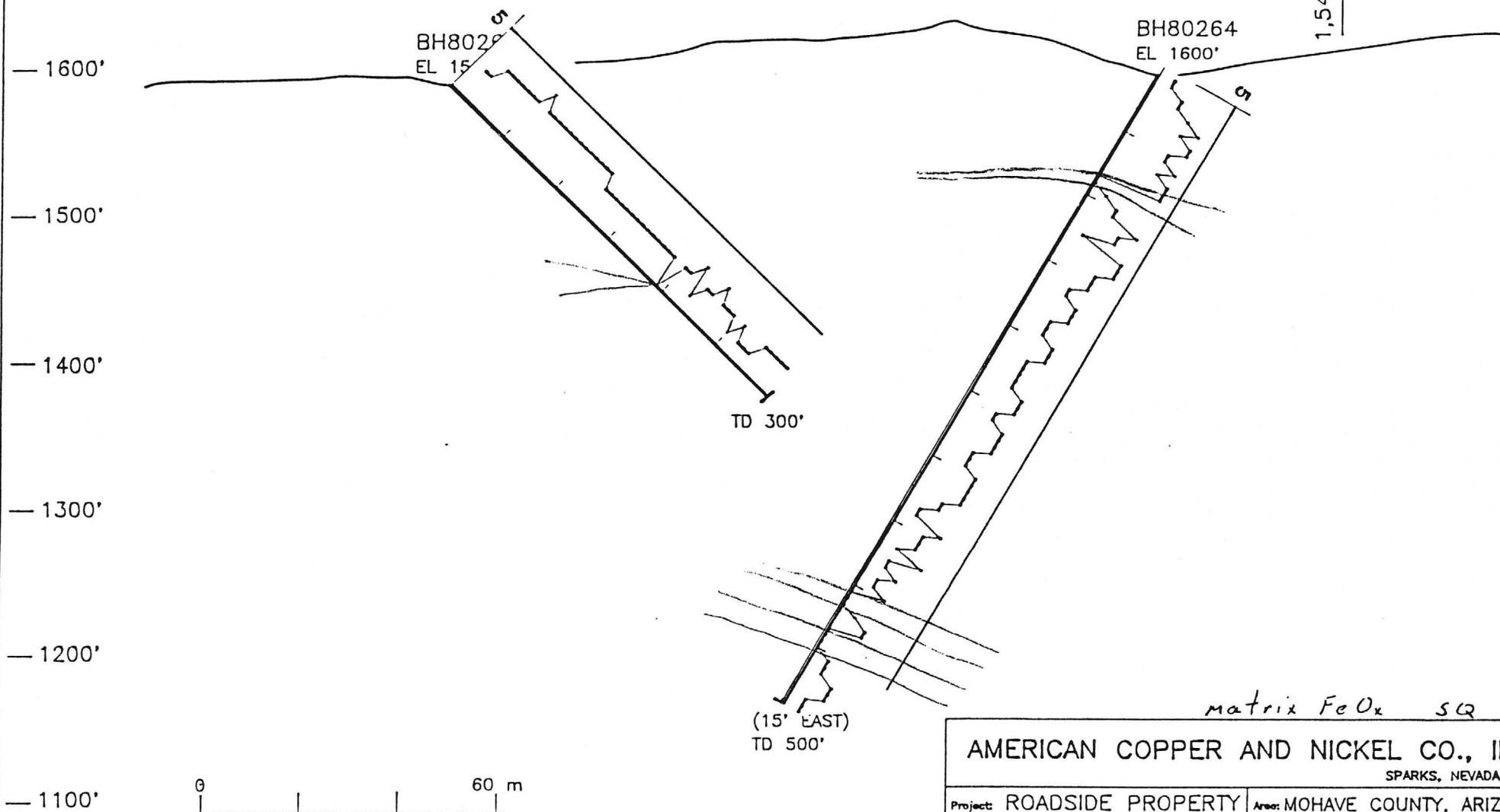
SECTION 275,475 EAST SHEET 1 FIGURE 1

Supervisor:	Instrument:	Date drawn:	Revised:
Compiled by:	Drawn by: R. LASSEN	3-30-90	
Scale: 1' = 100'	File:	N.T.S.	

SOUTH

NORTH

1,548,000 N



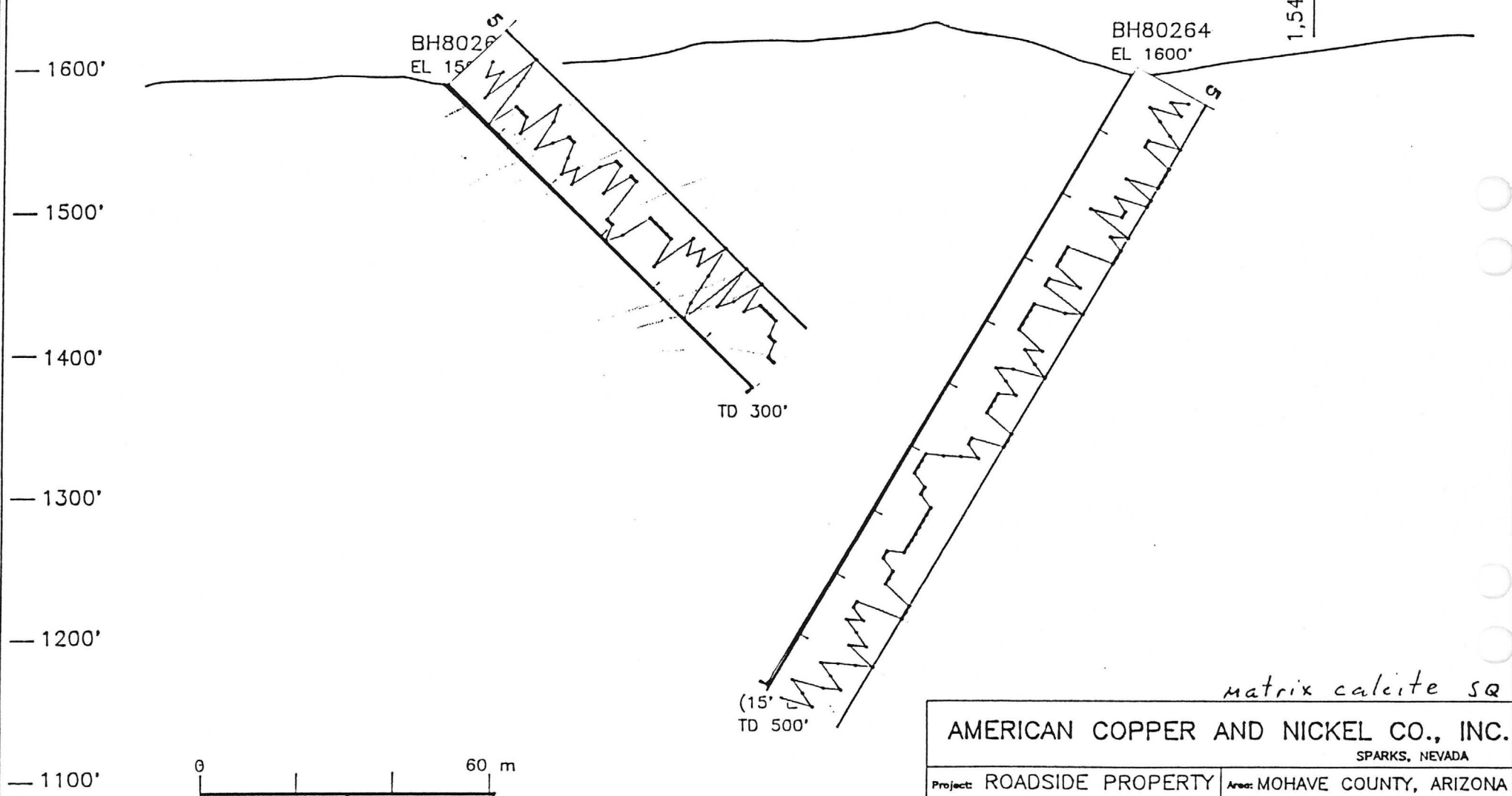
matrix FeOx SQ

AMERICAN COPPER AND NICKEL CO., INC.			
SPARKS, NEVADA			
Project: ROADSIDE PROPERTY		Area: MOHAVE COUNTY, ARIZONA	
SECTION 275,475 EAST			SHEET 1
Supervisor:		Instrument:	
Compiled by:		Drawn by: R. LASSEN	
Scale: 1"=100'		Date drawn: 3-30-90	
File:		Revised: N.T.S.	

SOUTH

NORTH

1,548,000 N



(15'
TD 500'

TD 300'

BH80264
EL 1600'

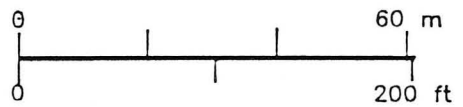
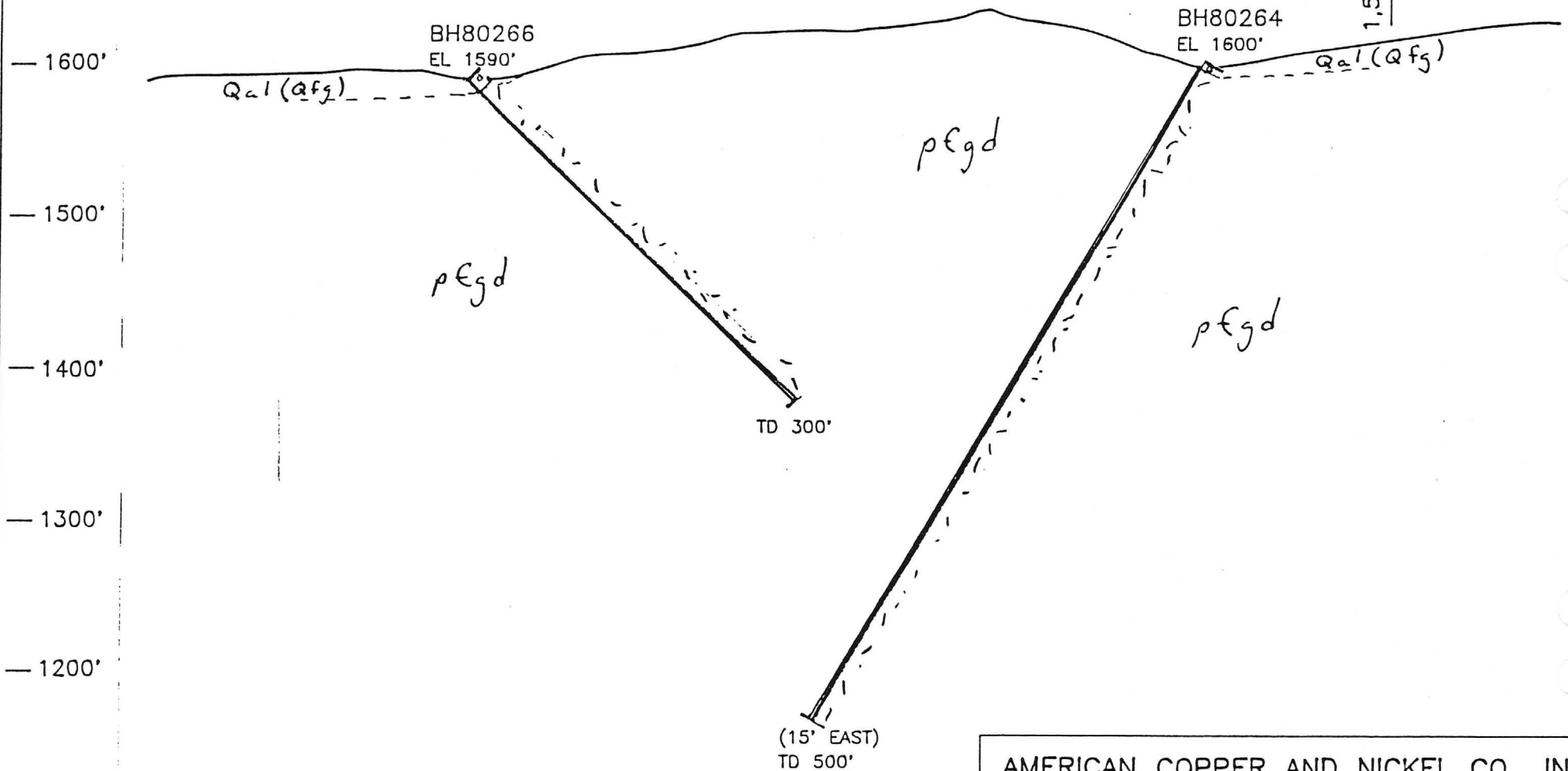
BH80266
EL 1550'

matrix calcite sq

AMERICAN COPPER AND NICKEL CO., INC.			
SPARKS, NEVADA			
Project: ROADSIDE PROPERTY		Area: MOHAVE COUNTY, ARIZONA	
SECTION 275,475 EAST			SHEET 1
Supervisor:		Instrument:	
Compiled by:		Drawn by: R. LASSEN	
Scale: 1' = 100'		Date drawn: 3-30-90	
File:		Revised:	
N.T.S.			

SOUTH

NORTH



AMERICAN COPPER AND NICKEL CO., INC.
SPARKS, NEVADA

Project: ROADSIDE PROPERTY Area: MOHAVE COUNTY, ARIZONA

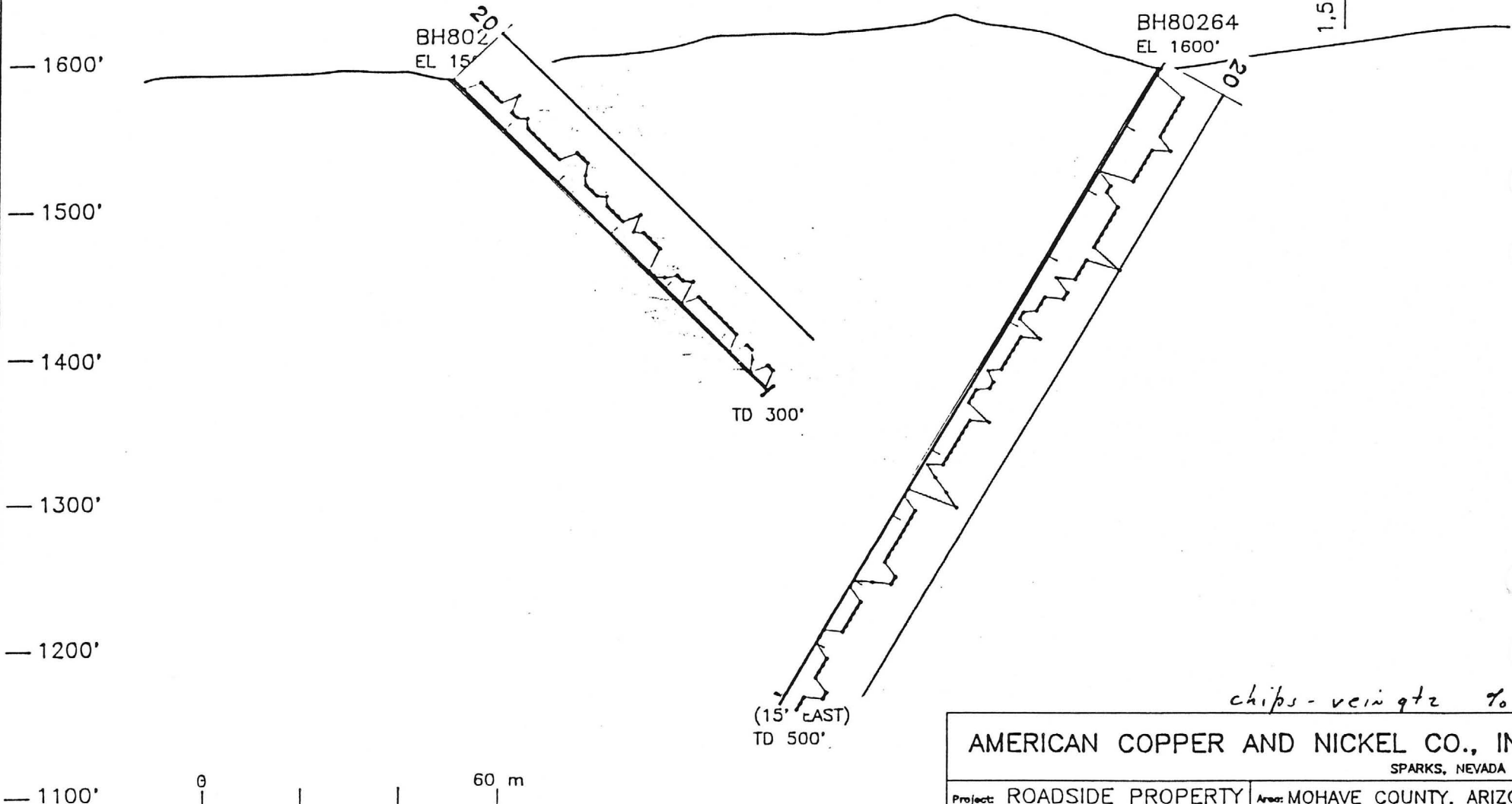
SECTION 275,475 EAST SHEET 1 FIGURE

Supervisor:	Instrument:	Date drawn:	Revised:
Compiled by:	Drawn by: R. LASSEN	3-30-90	
Scale: 1' = 100'	File:	N.T.S.	

SOUTH

NORTH

1,548,000 N



chips - vein qtz %

AMERICAN COPPER AND NICKEL CO., INC.

SPARKS, NEVADA

Project: ROADSIDE PROPERTY Area: MOHAVE COUNTY, ARIZONA

SECTION 275,475 EAST

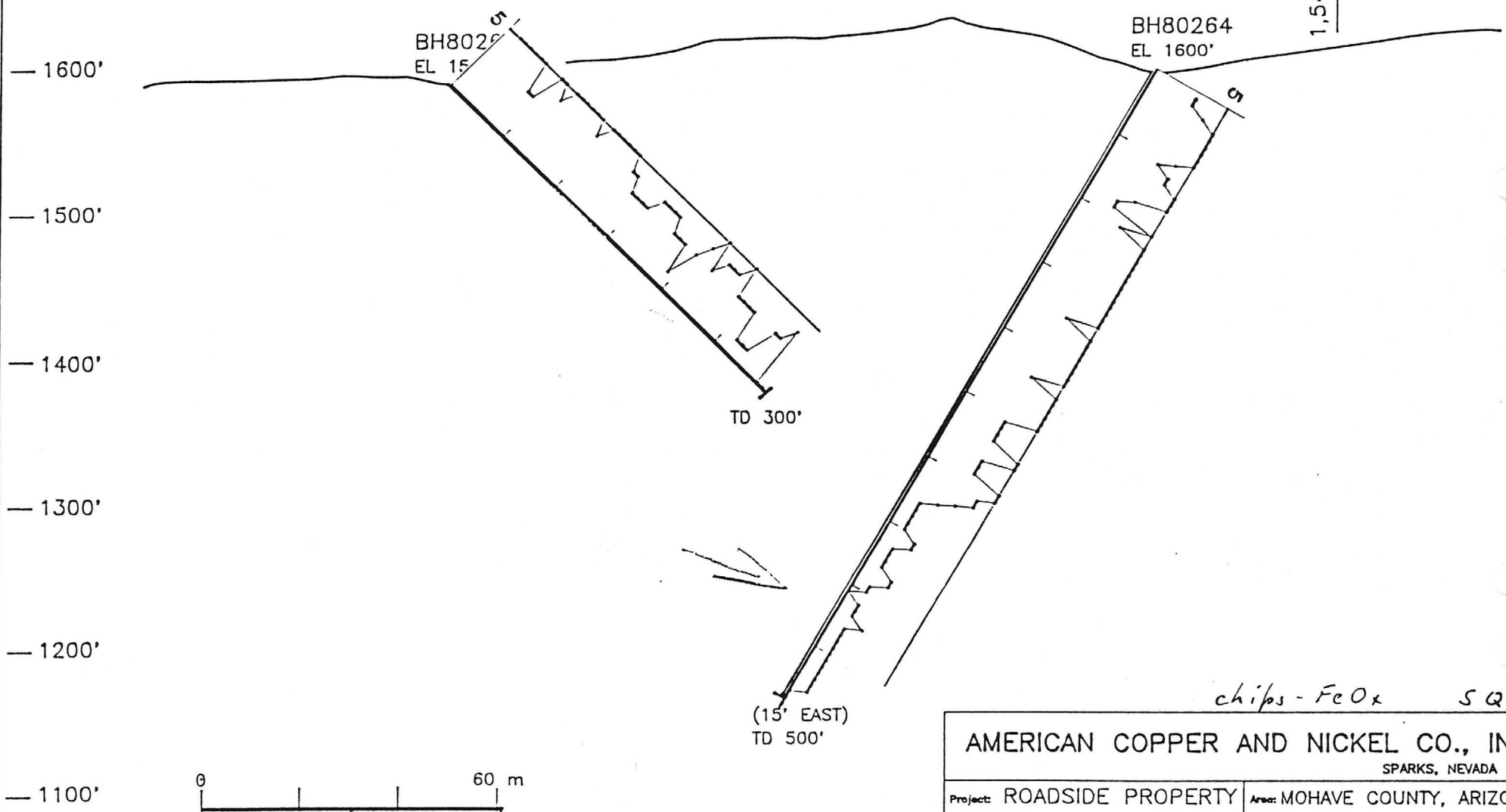
SHEET	FIGURE
1	

Supervisor:	Instrument:	Date drawn:	Revised:
Compiled by:	Drawn by: R. LASSEN	3-30-90	
Scale: 1' = 100'	File:	N.T.S.	

SOUTH

NORTH

1,548,000 N



chips - FeOx SQ

AMERICAN COPPER AND NICKEL CO., INC.
SPARKS, NEVADA

Project: ROADSIDE PROPERTY Area: MOHAVE COUNTY, ARIZONA

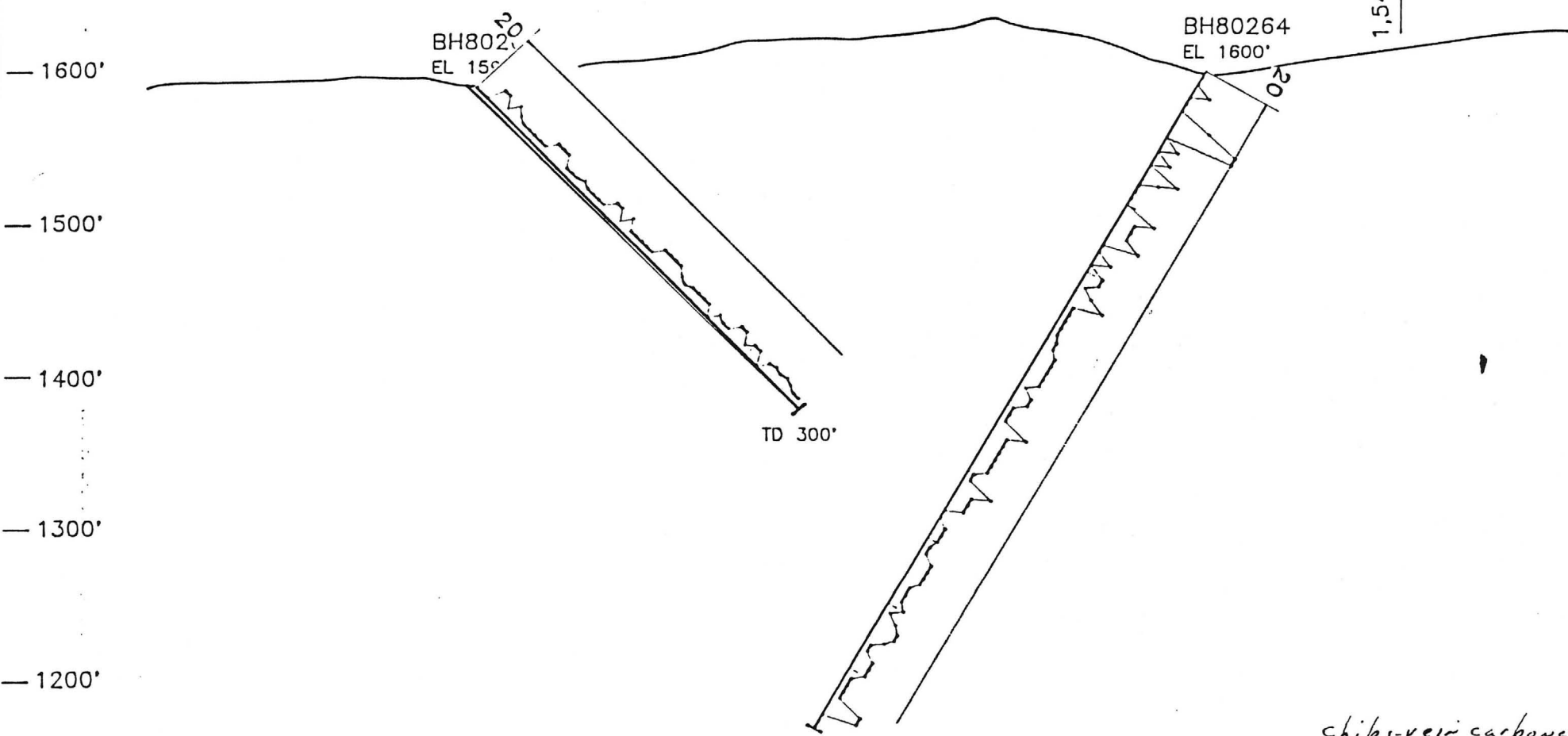
SECTION 275,475 EAST SHEET 1 FIGURE

Supervisor:	Instrument:	Date drawn:	Revised:
Compiled by:	Drawn by: R. LASSEN	3-30-90	
Scale: 1' = 100'	File:	N.T.S.	

SOUTH

NORTH

1,548,000 N



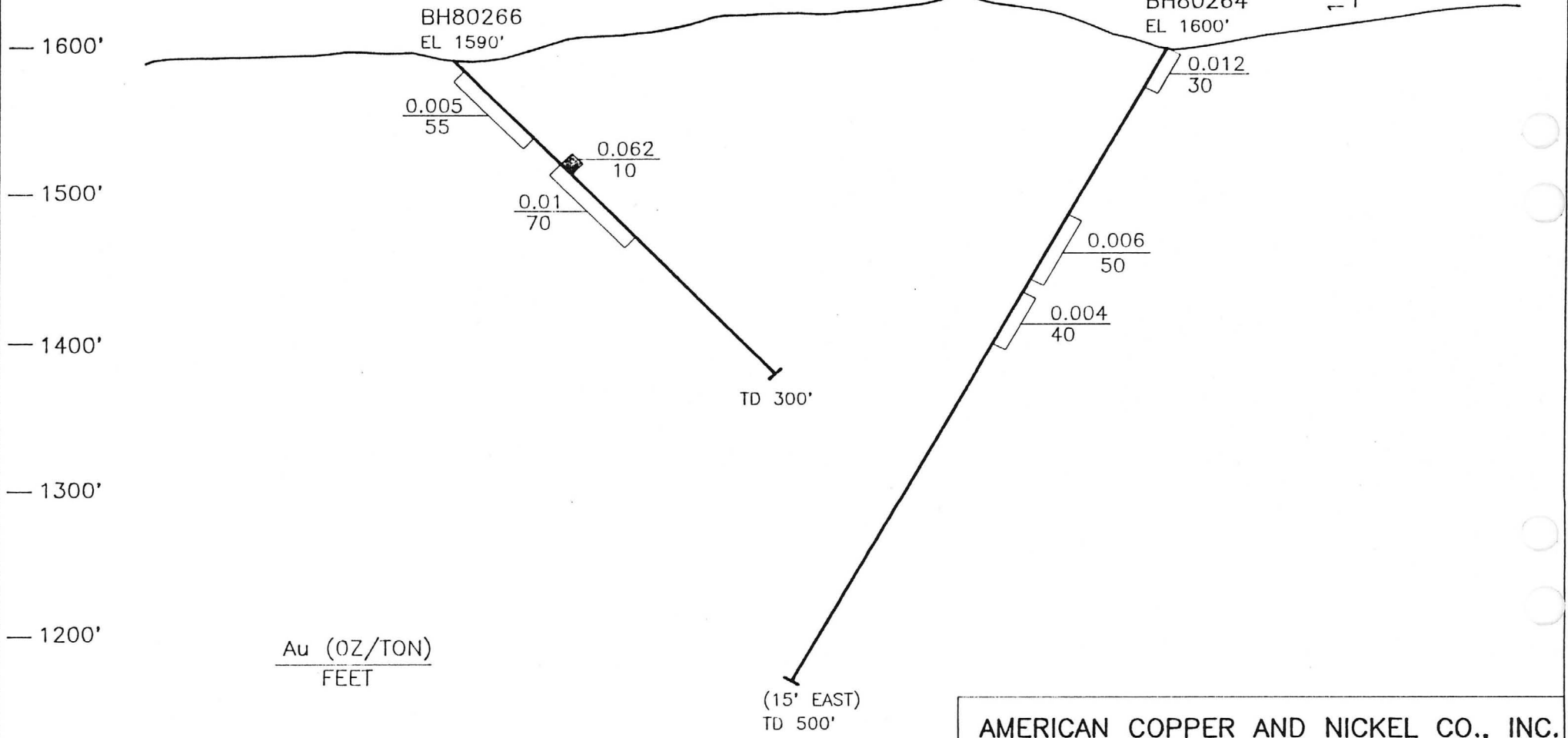
chips-vein carbonated

AMERICAN COPPER AND NICKEL CO., INC.			
SPARKS, NEVADA			
Project: ROADSIDE PROPERTY		Area: MOHAVE COUNTY, ARIZONA	
SECTION 275,475 EAST			SHEET 1
Supervisor:		Instrument:	
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Scale: 1' = 100'		File:	Revised: N.T.S.

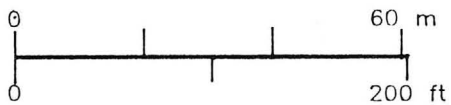
SOUTH

NORTH

1,548,000 N



Au (OZ/TON)
FEET

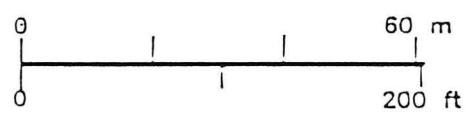
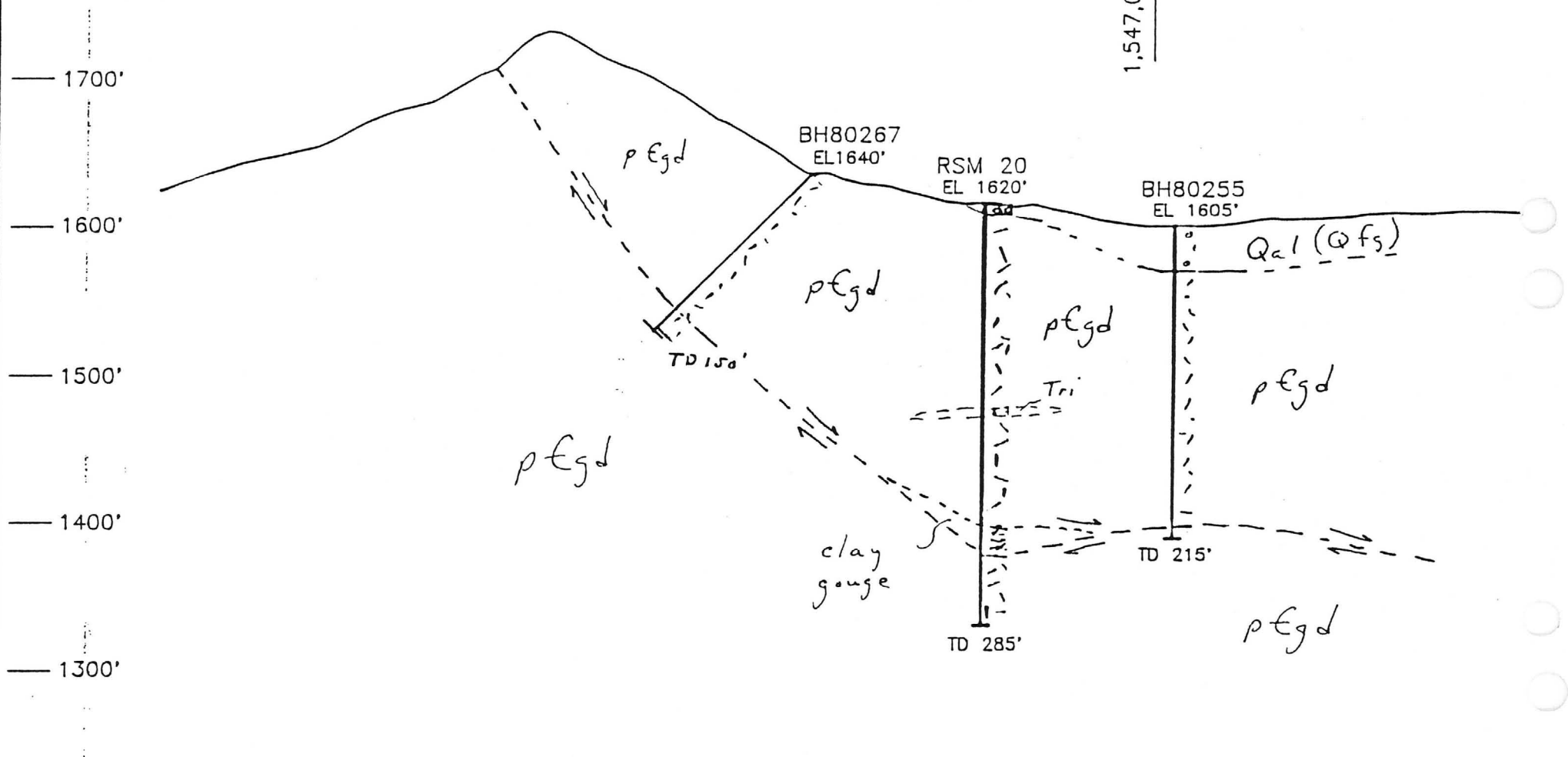


AMERICAN COPPER AND NICKEL CO., INC.			
SPARKS, NEVADA			
Project: ROADSIDE PROPERTY		Area: MOHAVE COUNTY, ARIZONA	
SECTION 275,475 EAST			SHEET 1
Supervisor:		Instrument:	
Complied by:		Drawn by: R. LASSEN	
Scale: 1" = 100'		Date drawn: 3-30-90	
File:		Revised:	
		N.T.S.	

SOUTH

NORTH

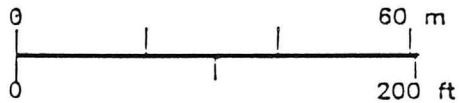
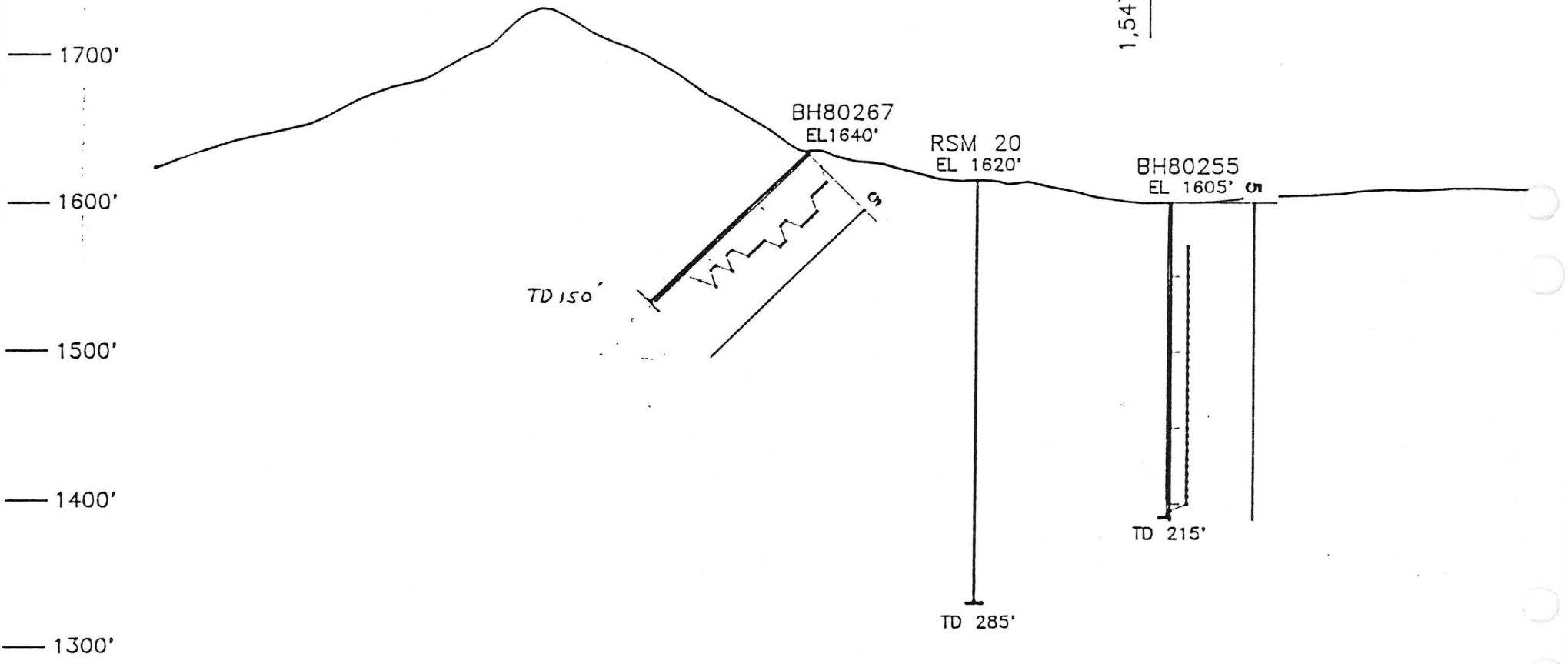
1,547,000 N



AMERICAN COPPER AND NICKEL CO., INC.			
SPARKS, NEVADA			
Project: ROADSIDE PROPERTY		Area: MOHAVE COUNTY, ARIZONA	
SECTION 276,025 EAST			SHEET 1
FIGURE 1			
Supervisor:	Instrument:		
Compiled by:	Drawn by: R. LASSEN	Date drawn: 3-30-90	Revised:
Scale: 1"=100'	File:	N.T.S.	

SOUTH

NORTH

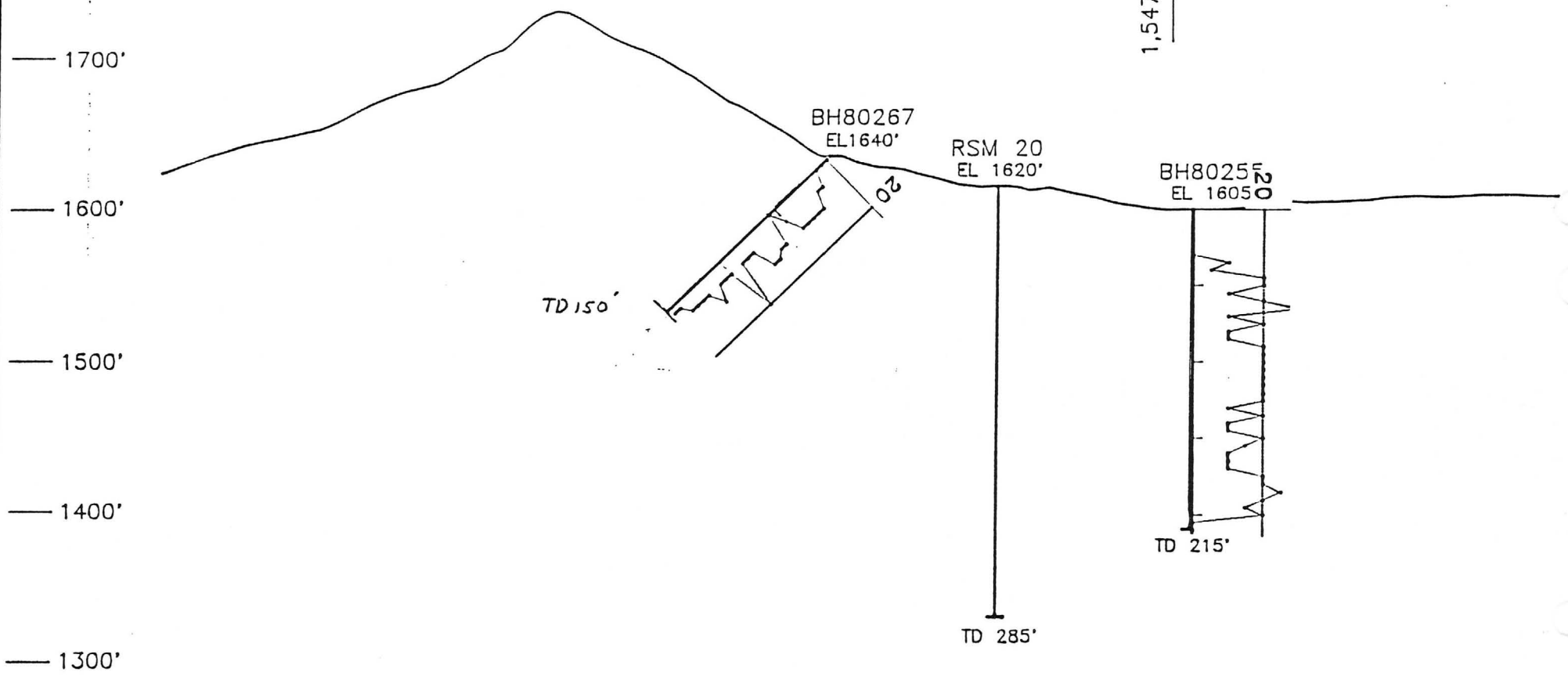


matrix FeOx SQ

AMERICAN COPPER AND NICKEL CO., INC.			
SPARKS, NEVADA			
Project: ROADSIDE PROPERTY		Area: MOHAVE COUNTY, ARIZONA	
SECTION 276,025 EAST			SHEET 1
Supervisor:		Instrument:	
Compiled by:		Drawn by: R. LASSEN	
Scale: 1' = 100'		Date drawn: 3-30-90	
		Revised:	
		File:	
		N.T.S.	

SOUTH

NORTH



chips-vein quartz ls

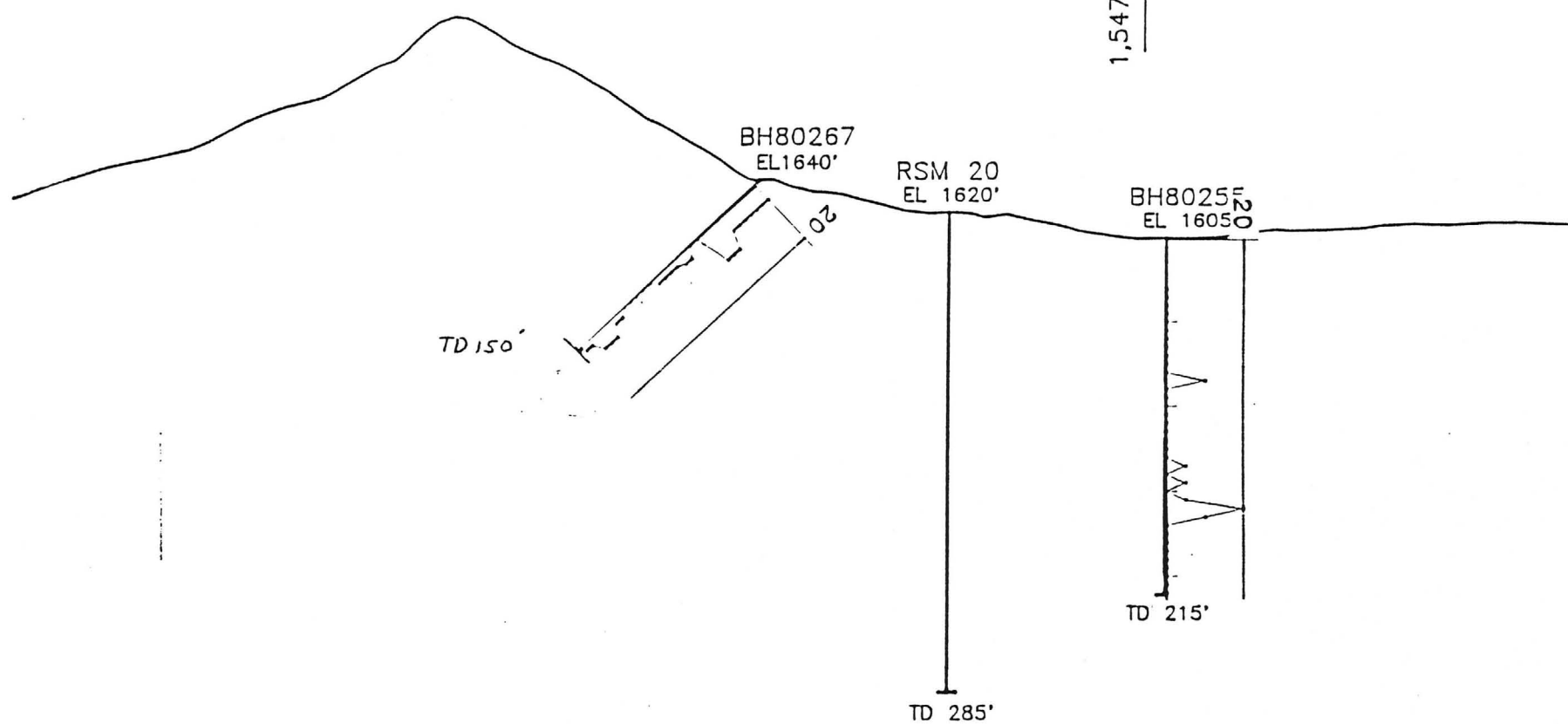
AMERICAN COPPER AND NICKEL CO., INC.			
SPARKS, NEVADA			
Project: ROADSIDE PROPERTY		Area: MOHAVE COUNTY, ARIZONA	
SECTION 276,025 EAST			SHEET 1
Supervisor:		Instrument:	
Compiled by:		Drawn by: R. LASSEN	
Scale: 1"=100'		Date drawn: 3-30-90	
Filed:		Revised:	
		N.T.S.	

SOUTH

NORTH

1,547,000 N

1700'
1600'
1500'
1400'
1300'



TD 150'

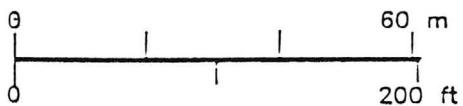
BH80267
EL 1640'

RSM 20
EL 1620'

BH80255
EL 16050'

TD 215'

TD 285'



chips-vein carbonate

AMERICAN COPPER AND NICKEL CO., INC.

SPARKS, NEVADA

Project: ROADSIDE PROPERTY Area: MOHAVE COUNTY, ARIZONA

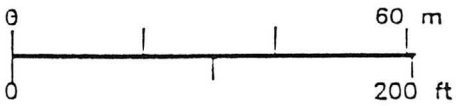
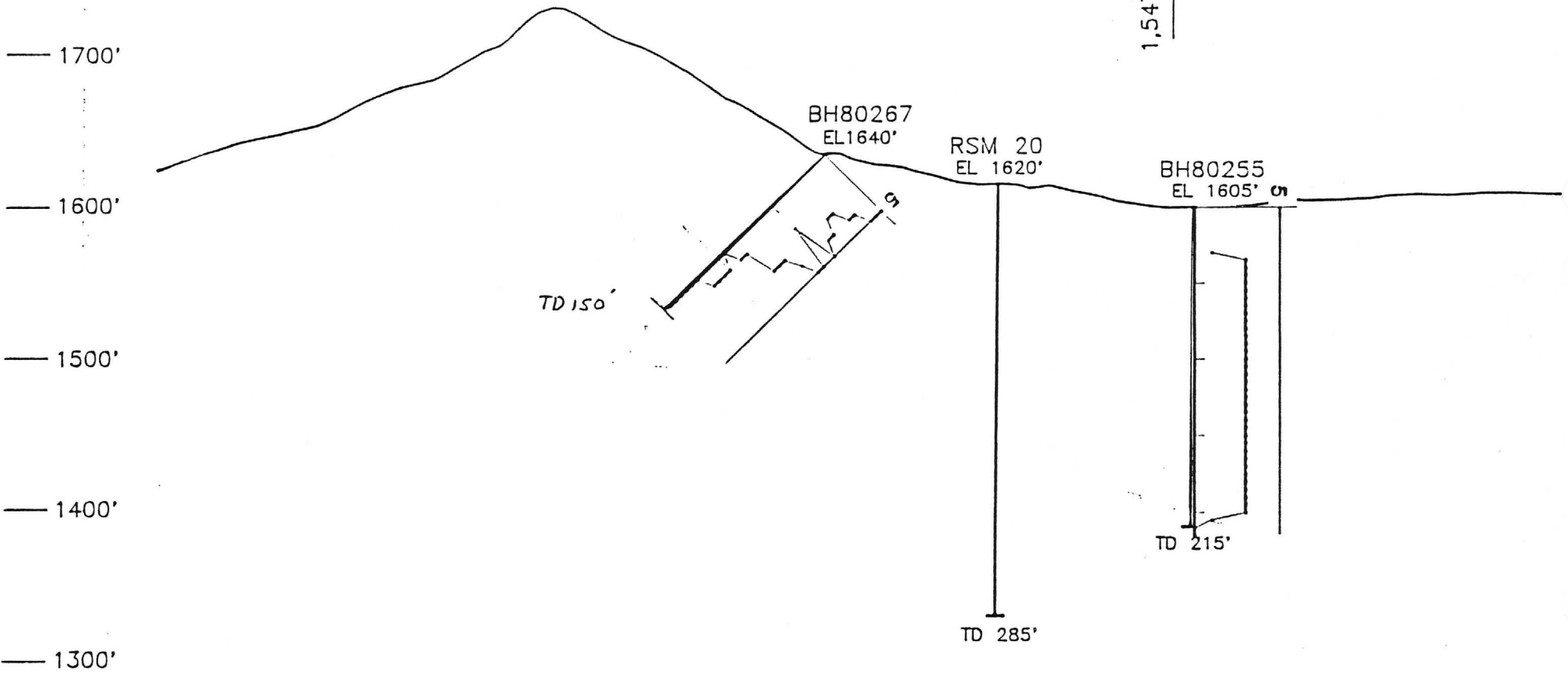
SECTION 276,025 EAST SHEET 1 FIGURE

Supervisor:	Instrument:	Date drawn:	Revised:
Compiled by:	Drawn by: R. LASSEN	3-30-90	
Scale 1' = 100'	Files:	N.T.S.	

SOUTH

NORTH

1,547,000 N



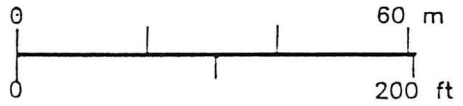
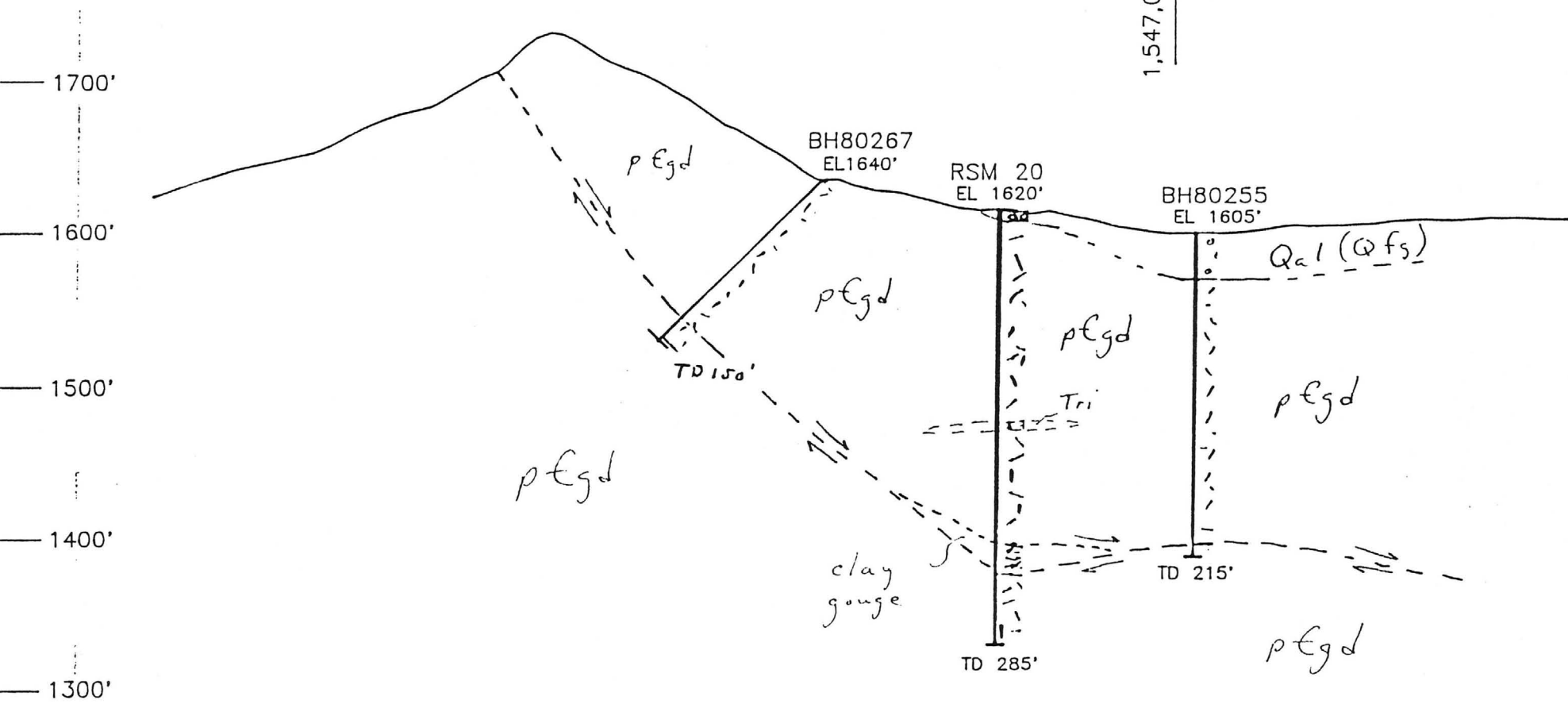
chips - FeOx SQ

AMERICAN COPPER AND NICKEL CO., INC.			
SPARKS, NEVADA			
Project: ROADSIDE PROPERTY		Area: MOHAVE COUNTY, ARIZONA	
SECTION 276,025 EAST			SHEET 1
Supervisor:		Instrument:	
Compiled by:		Drawn by: R. LASSEN	
Scale: 1"=100'		Date drawn: 3-30-90	
File:		Revised: N.T.S.	

SOUTH

NORTH

1,547,000 N

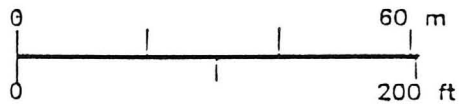
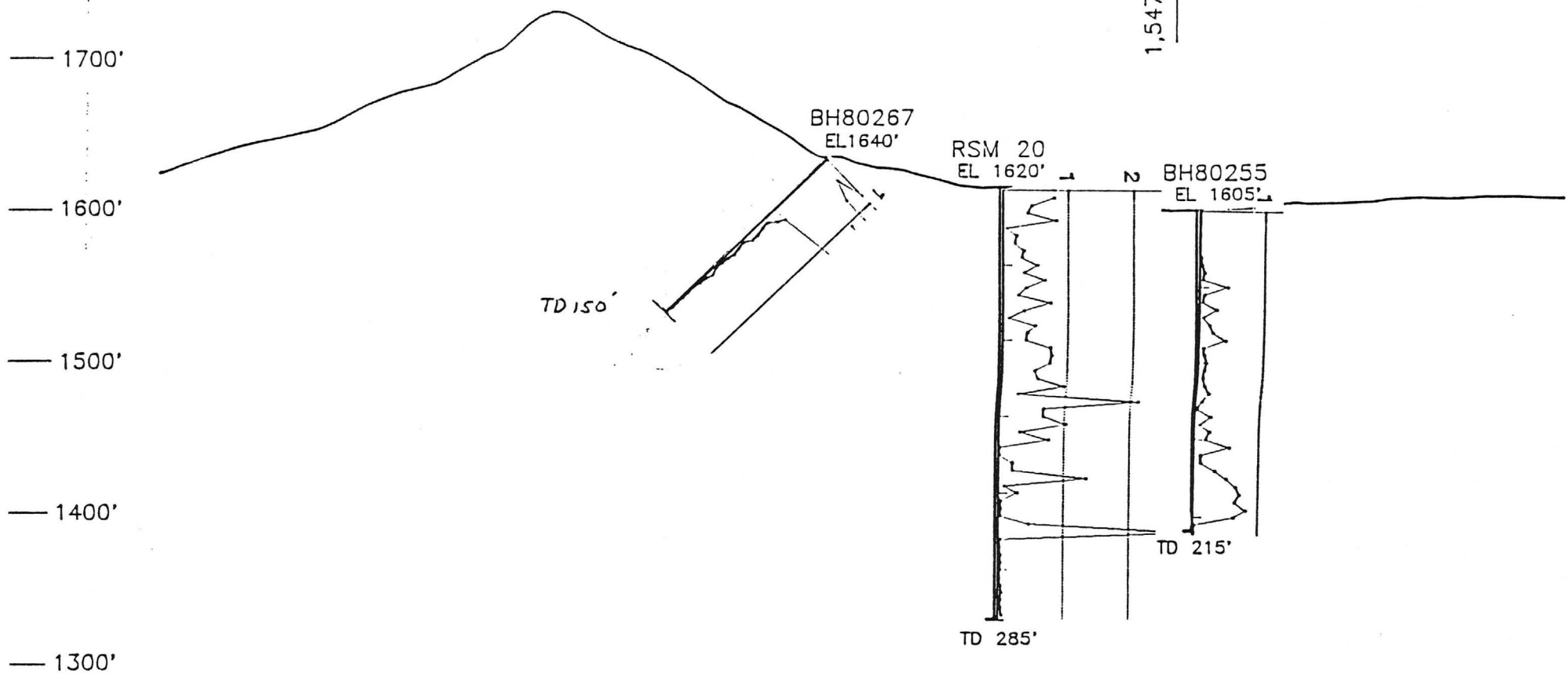


AMERICAN COPPER AND NICKEL CO., INC.			
SPARKS, NEVADA			
Project: ROADSIDE PROPERTY		Area: MOHAVE COUNTY, ARIZONA	
SECTION 276,025 EAST			SHEET 1
Supervisor:		Instrument:	
Compiled by:		Drawn by: R. LASSEN	
Scale: 1' = 100'		Date drawn: 3-30-90	Revised:
		File:	N.T.S.

SOUTH

NORTH

1,547,000 N



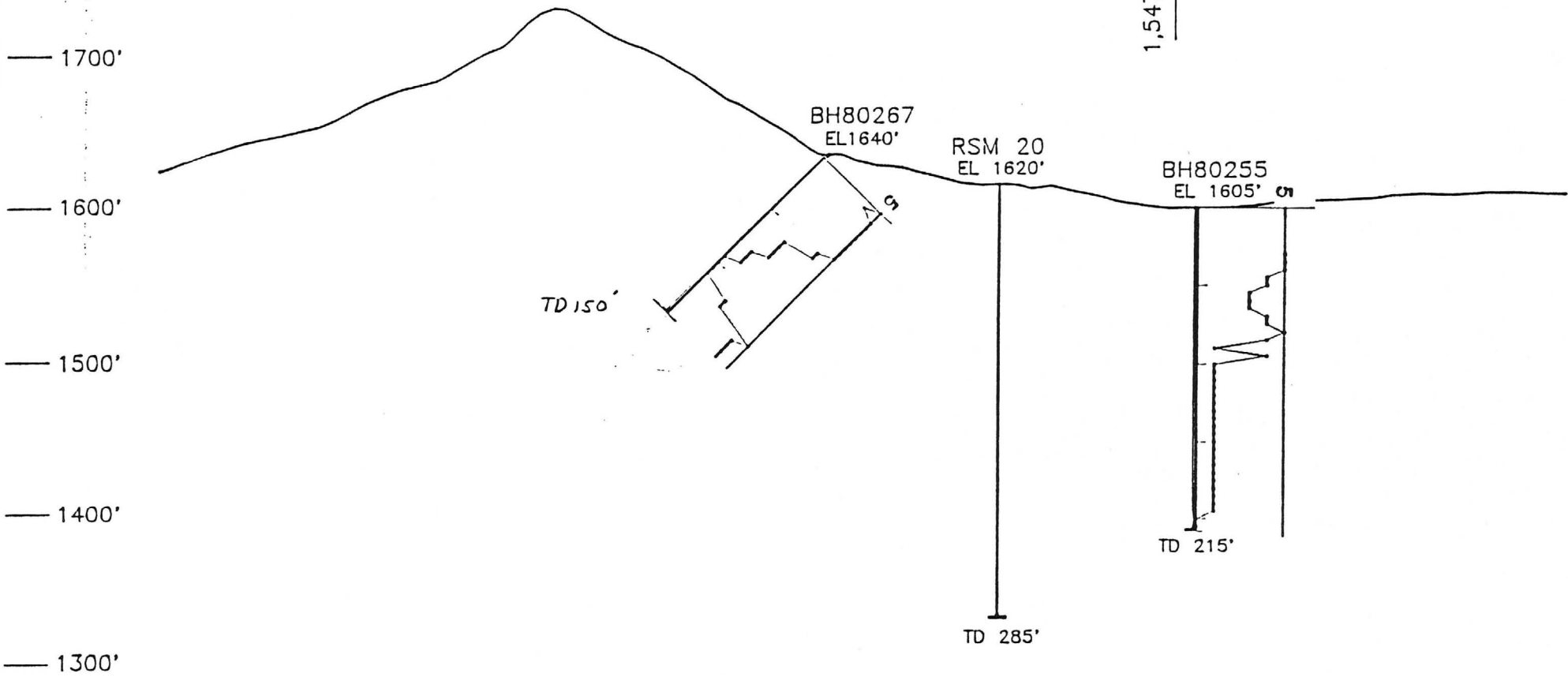
Gold ppm

AMERICAN COPPER AND NICKEL CO., INC.			
SPARKS, NEVADA			
Project: ROADSIDE PROPERTY		Area: MOHAVE COUNTY, ARIZONA	
SECTION 276,025 EAST			SHEET 1
Supervisor:		Instrument:	
Compiled by:		Drawn by: R. LASSEN	
Scale: 1" = 100'		Date drawn: 3-30-90	Revised:
		File:	N.T.S.

SOUTH

NORTH

1,547,000 N



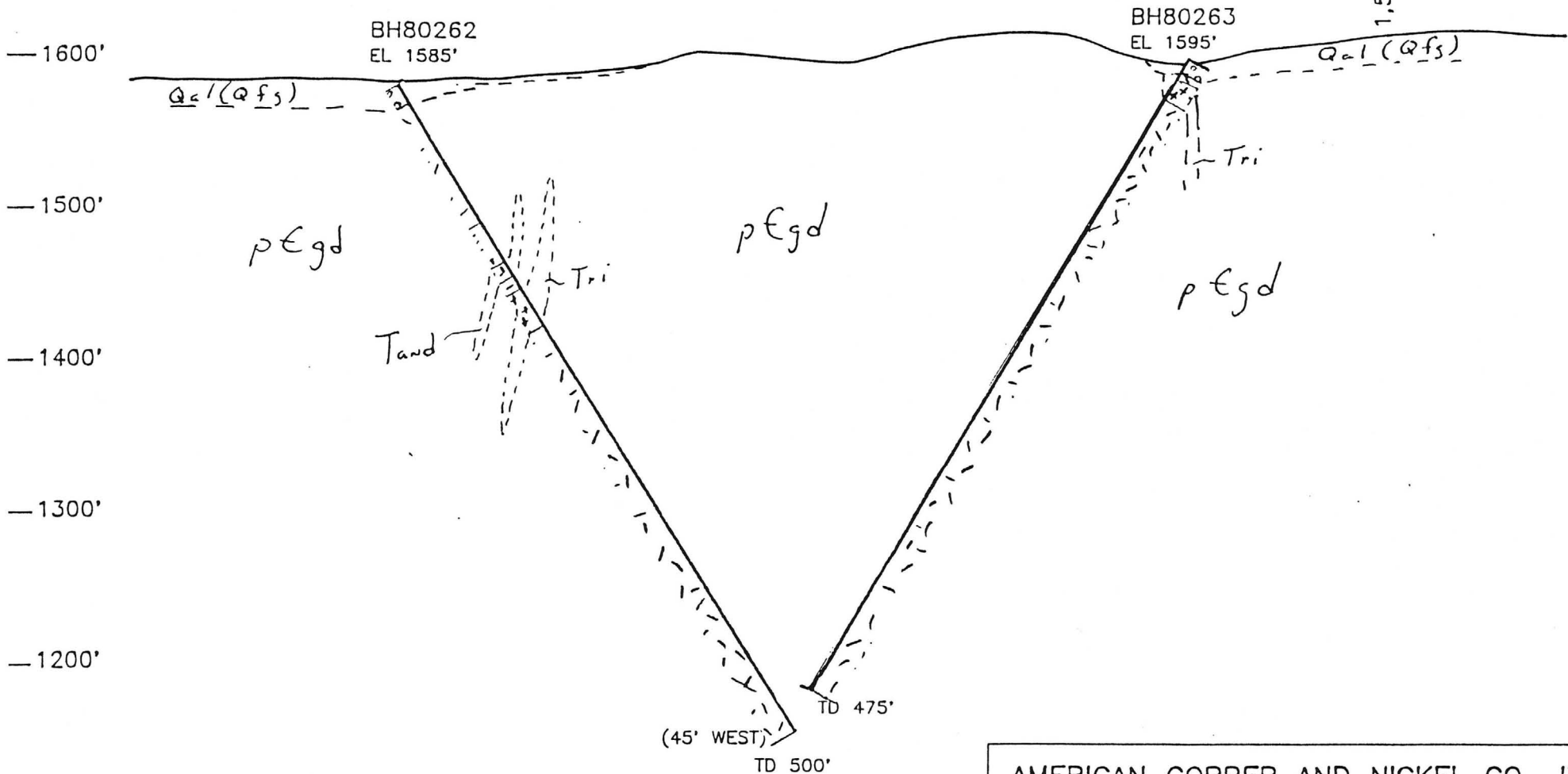
matrix calcite sq

AMERICAN COPPER AND NICKEL CO., INC.			
SPARKS, NEVADA			
Project: ROADSIDE PROPERTY		Area: MOHAVE COUNTY, ARIZONA	
SECTION 276,025 EAST			SHEET 1
Supervisor:		Instrument:	
Compiled by:		Drawn by: R. LASSEN	
Scale: 1' = 100'		Date drawn: 3-30-90	
File:		Revised: N.T.S.	

SOUTH

NORTH

1,548,000 N

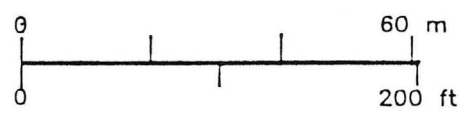
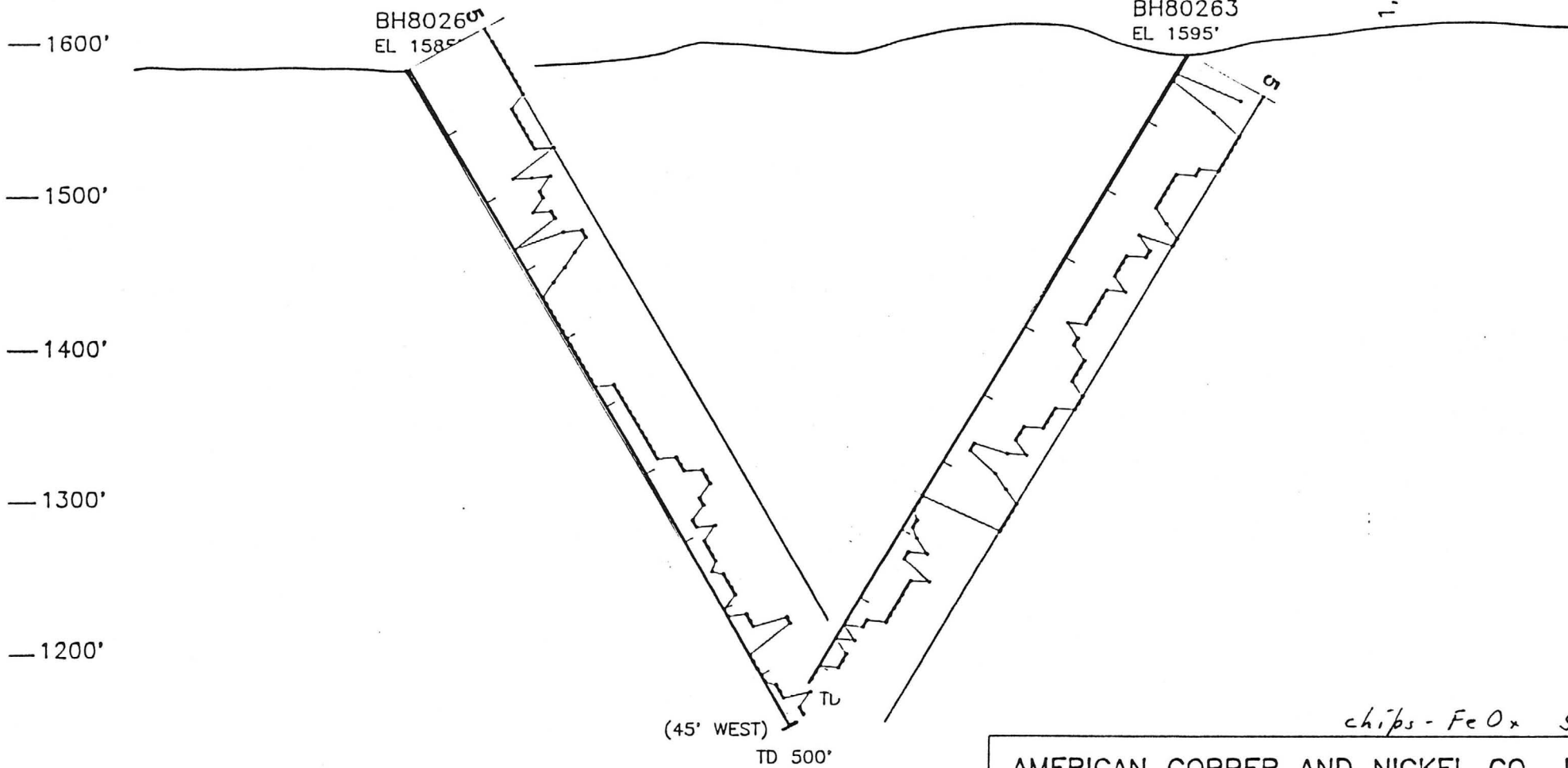


AMERICAN COPPER AND NICKEL CO., INC.			
SPARKS, NEVADA			
Project: ROADSIDE PROPERTY		Area: MOHAVE COUNTY, ARIZONA	
SECTION 276,025 EAST			SHEET 1
FIGURE			
Supervisor:	Instrument:		
Compiled by:	Drawn by: R. LASSEN	Date drawn: 3-30-90	Revised:
Scale: 1"=100'	File:	N.T.S.	

SOUTH

NORTH

1,548,000 N



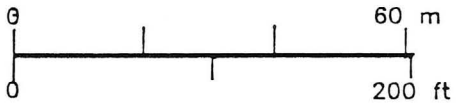
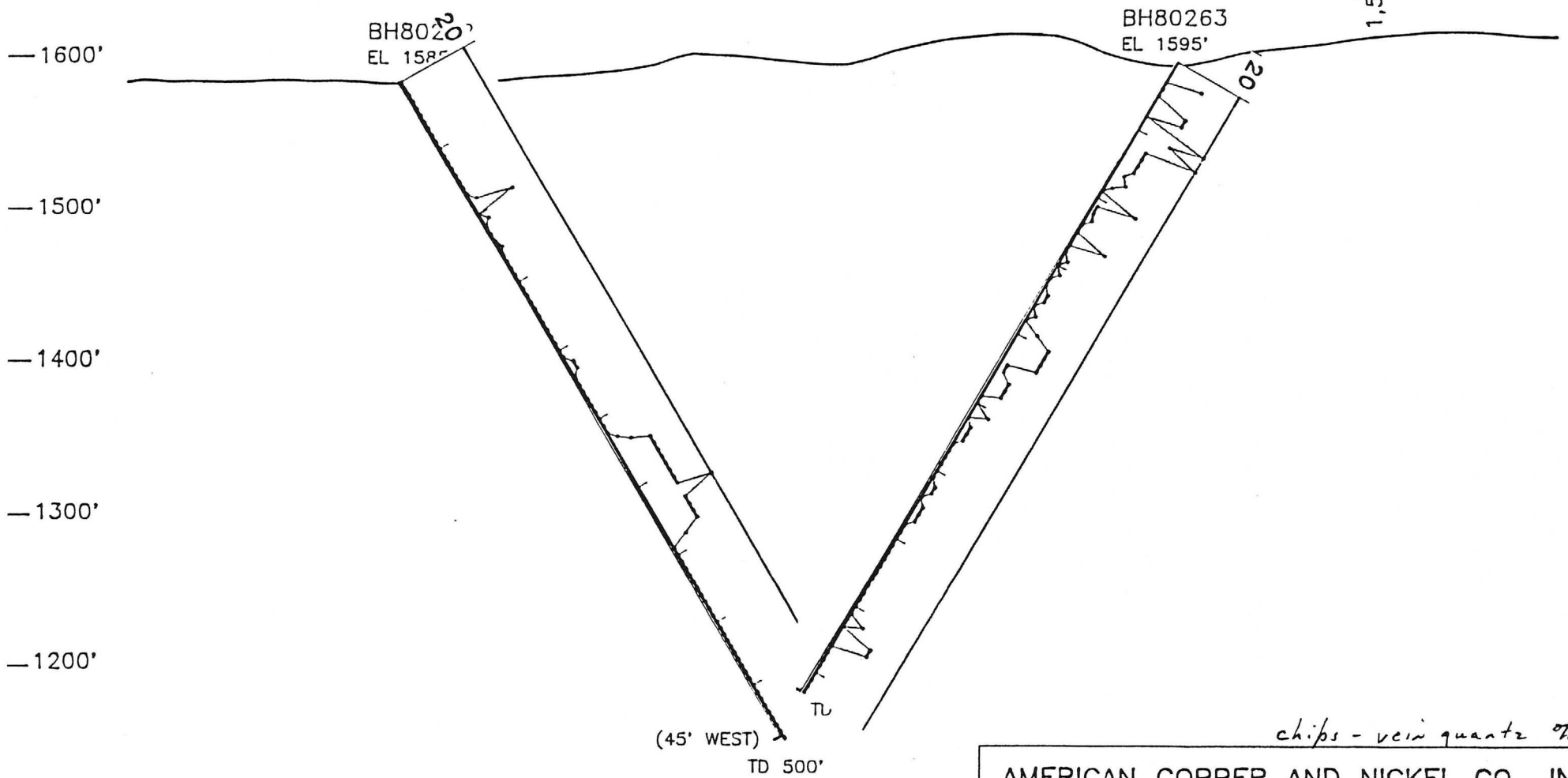
chips - FeOx SQ

AMERICAN COPPER AND NICKEL CO., INC.			
SPARKS, NEVADA			
Project: ROADSIDE PROPERTY		Area: MOHAVE COUNTY, ARIZONA	
SECTION 276,025 EAST			SHEET 1
Supervisor:		Instrument:	
Compiled by:		Date drawn: 3-30-90	
Scale: 1' = 100'		Revised:	
Filed:		N.T.S.	

SOUTH

NORTH

1,548,000 N



AMERICAN COPPER AND NICKEL CO., INC. SPARKS, NEVADA			
Project: ROADSIDE PROPERTY		Area: MOHAVE COUNTY, ARIZONA	
SECTION 276,025 EAST			SHEET 1
Supervisor:		Instrument:	
Compiled by:		Drawn by: R. LASSEN	Date drawn: 3-30-90
Scale: 1'=100'		File:	Revised: N.T.S.

SOUTH

NORTH

1,548,000 N

—1600'
—1500'
—1400'
—1300'
—1200'

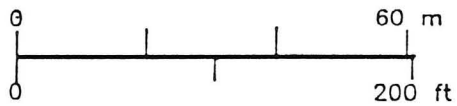
BH80262
EL 1588'

BH80263
EL 1595'

(45° WEST)

TD 500'

matrix calcite SQ

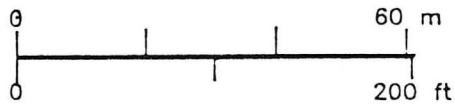
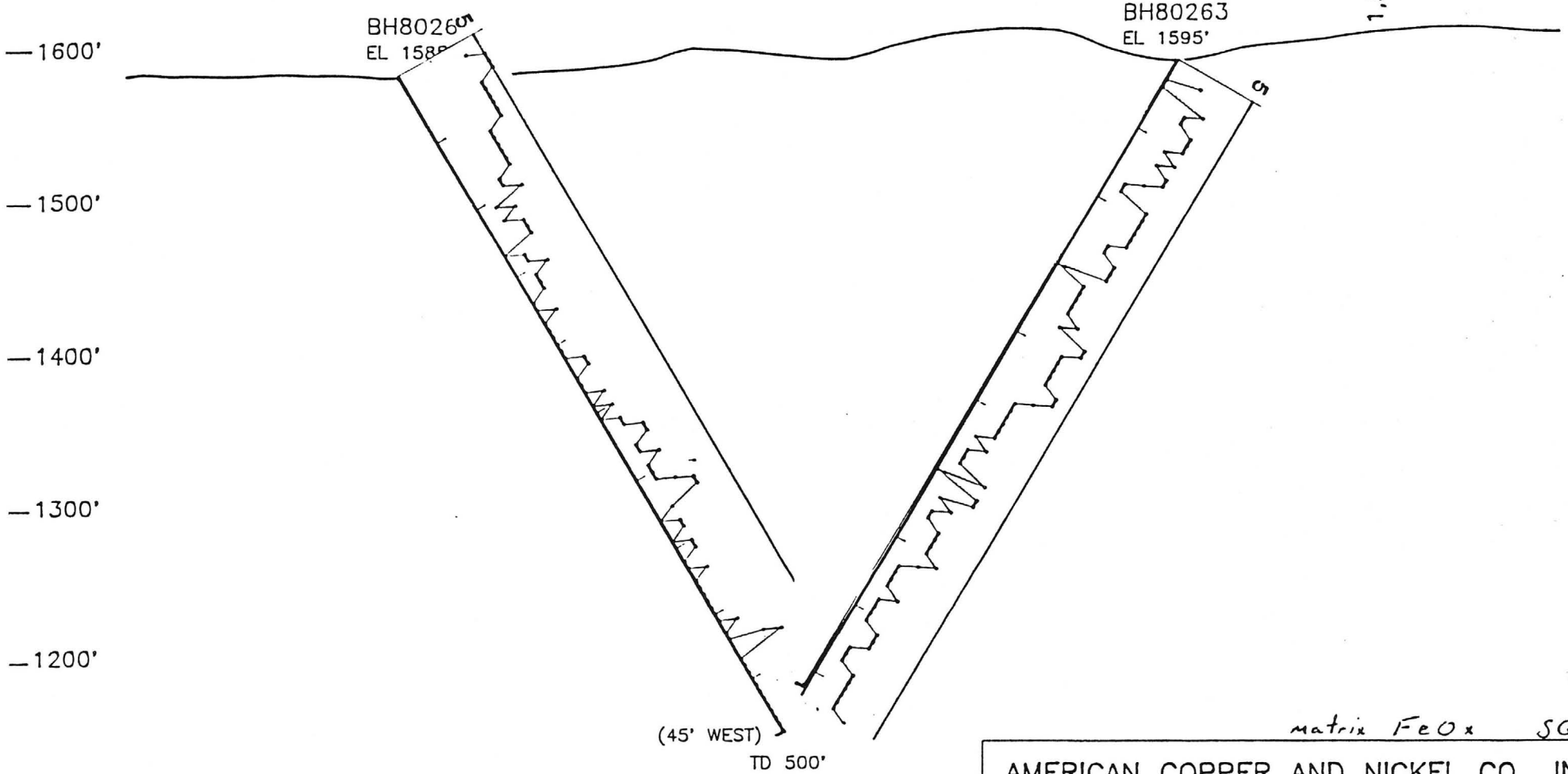


AMERICAN COPPER AND NICKEL CO., INC.			
SPARKS, NEVADA			
Project: ROADSIDE PROPERTY		Area: MOHAVE COUNTY, ARIZONA	
SECTION 276,025 EAST			SHEET 1
Supervisor:		Instrument:	
Compiled by:		Drawn by: R. LASSEN	
Scale: 1"=100'		Date drawn: 3-30-90	
		Revised:	
		N.T.S.	

SOUTH

NORTH

1,548,000 N



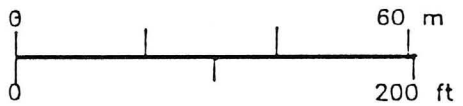
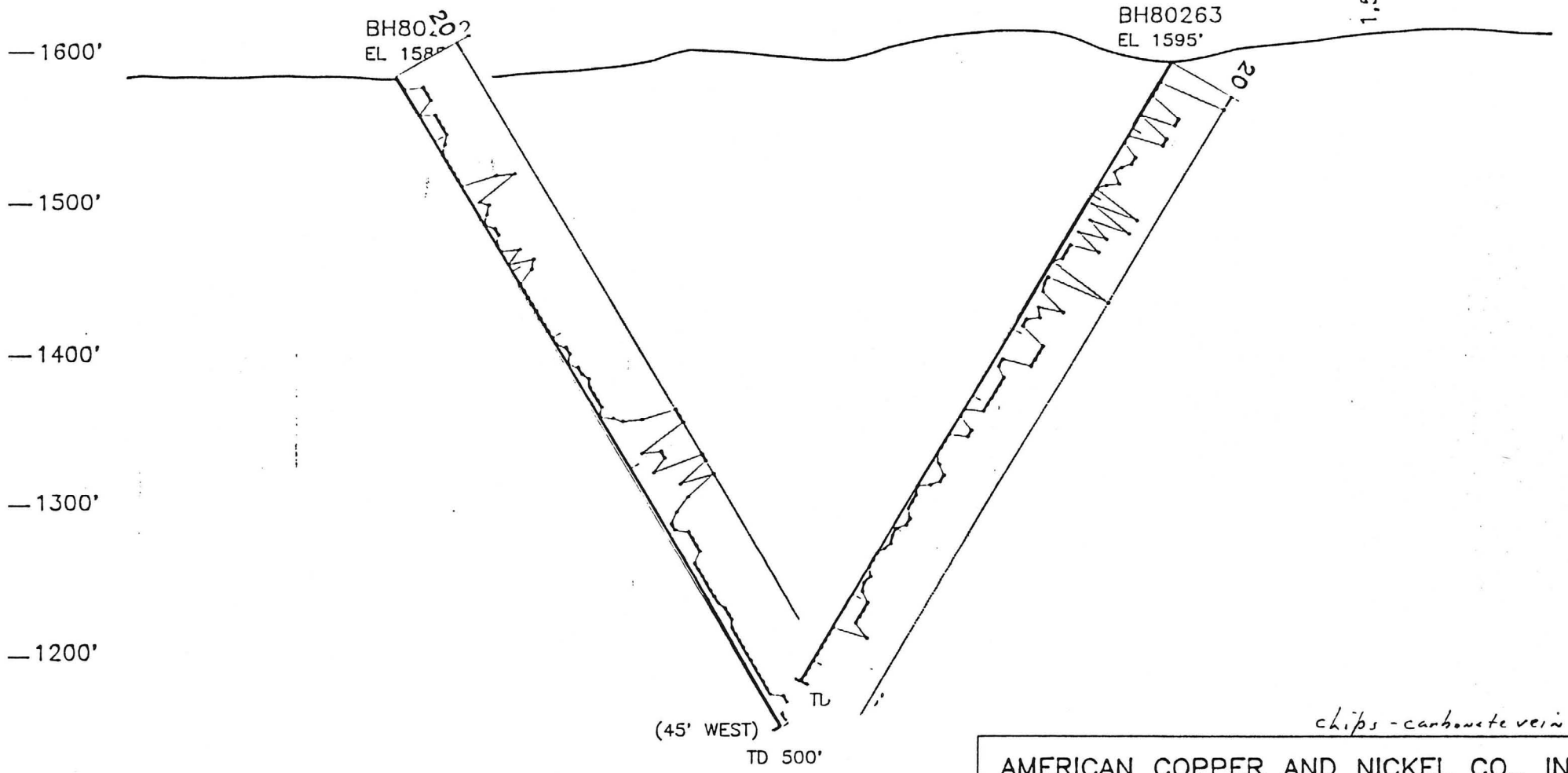
matrix FeOx SQ

AMERICAN COPPER AND NICKEL CO., INC.			
SPARKS, NEVADA			
Project: ROADSIDE PROPERTY		Area: MOHAVE COUNTY, ARIZONA	
SECTION 276,025 EAST			SHEET 1
Supervisor:		Instrument:	
Compiled by:		Date drawn: 3-30-90	
Scale: 1"=100'		Revised:	
File:		N.T.S.	

SOUTH

NORTH

1,548,000 N



AMERICAN COPPER AND NICKEL CO., INC.			
SPARKS, NEVADA			
Project: ROADSIDE PROPERTY		Area: MOHAVE COUNTY, ARIZONA	
SECTION 276,025 EAST			SHEET 1
Supervisor:		Instrument:	
Compiled by:		Drawn by: R. LASSEN	
Scale: 1' = 100'		Date drawn: 3-30-90	
File:		Revised:	
		N.T.S.	

SOUTH

NORTH

1,548,000 N

—1600'

—1500'

—1400'

—1300'

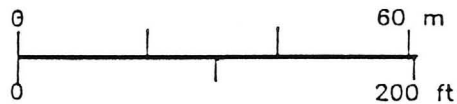
—1200'

BH80252
EL 1592'

BH80263
EL 1595'

(45' WEST)
TD 500'

TU



Gold ppm

AMERICAN COPPER AND NICKEL CO., INC.

SPARKS, NEVADA

Project: ROADSIDE PROPERTY Area: MOHAVE COUNTY, ARIZONA

SECTION 276,025 EAST

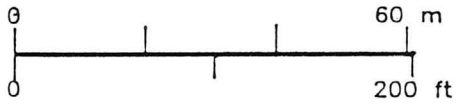
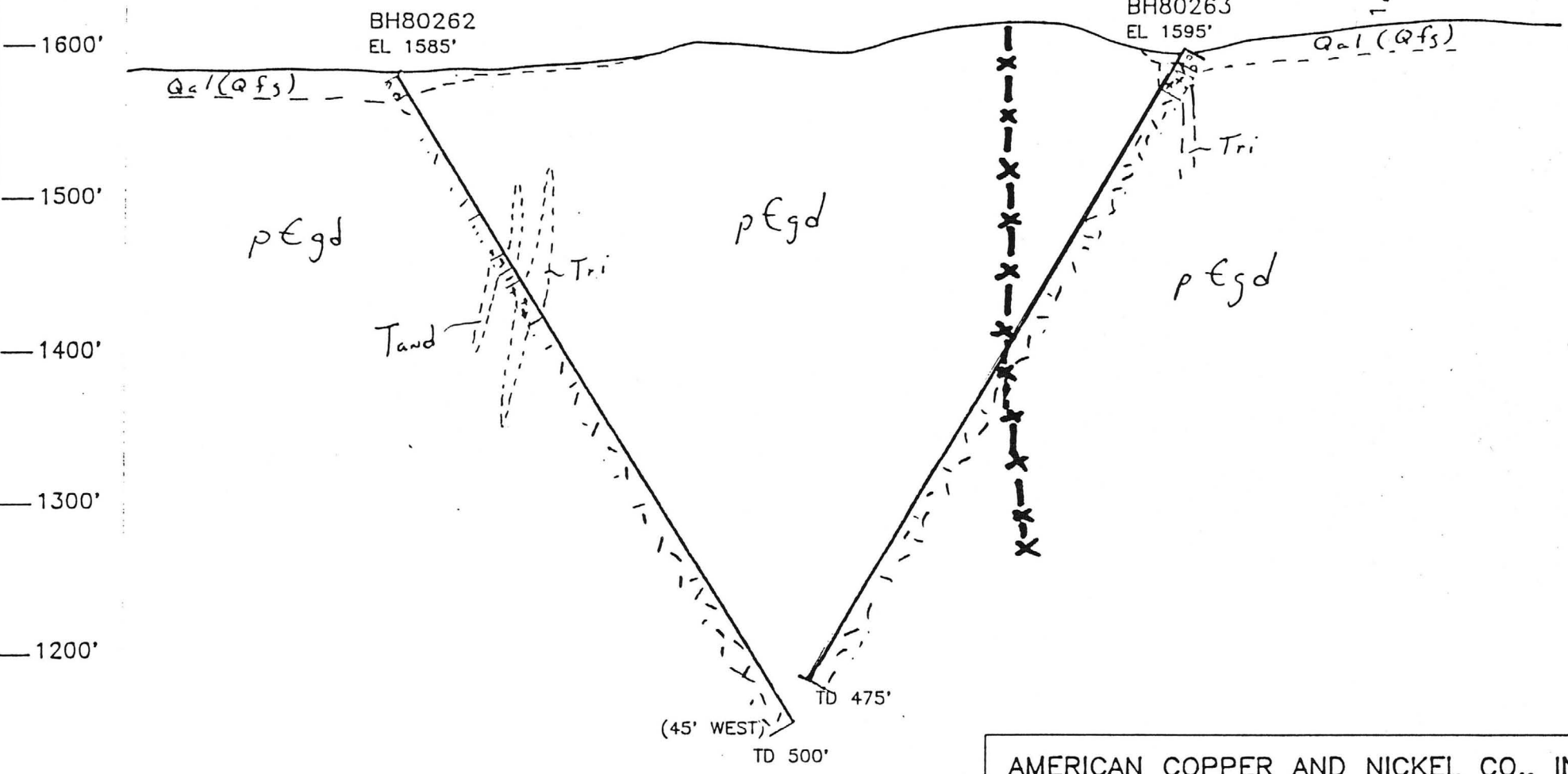
SHEET	FIGURE
1	

Supervisor:	Instrument:	Date drawn:	Revised:
Compiled by:	Drawn by: R. LASSEN	3-30-90	
Scale: 1"=100'	File:	N.T.S.	

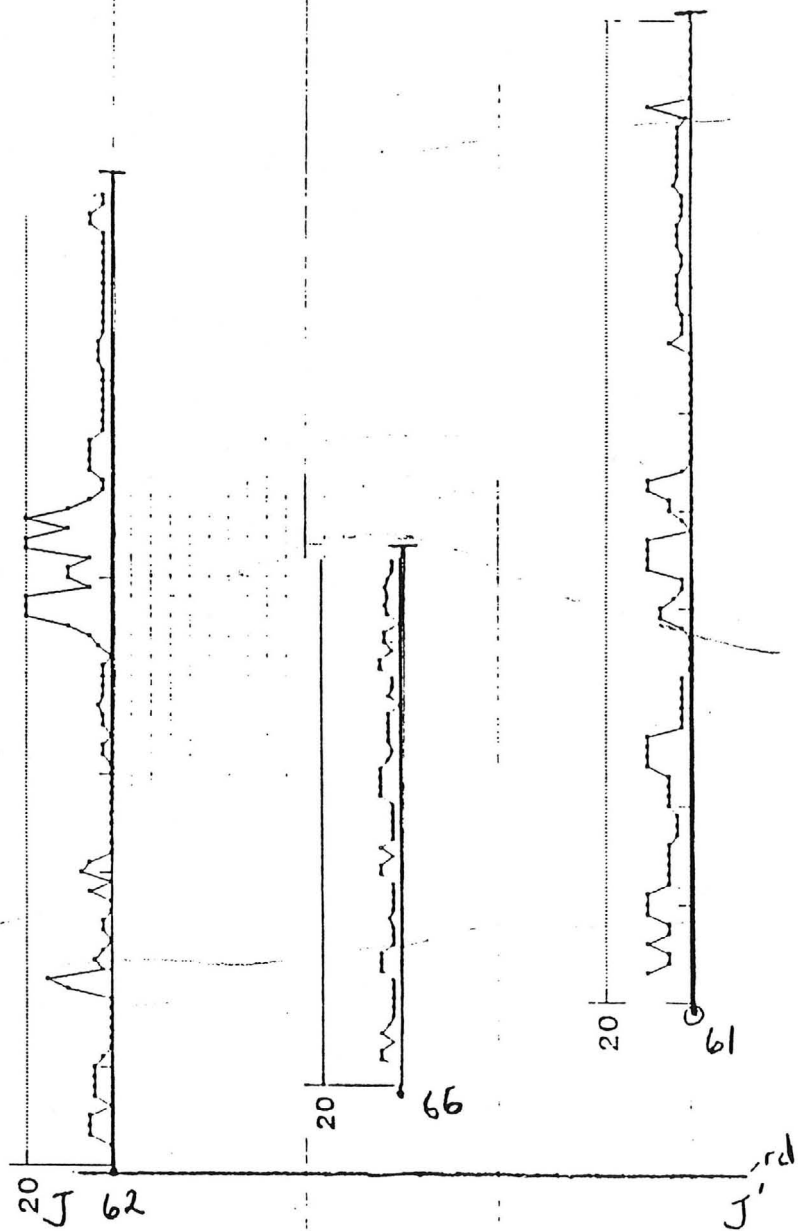
SOUTH

NORTH

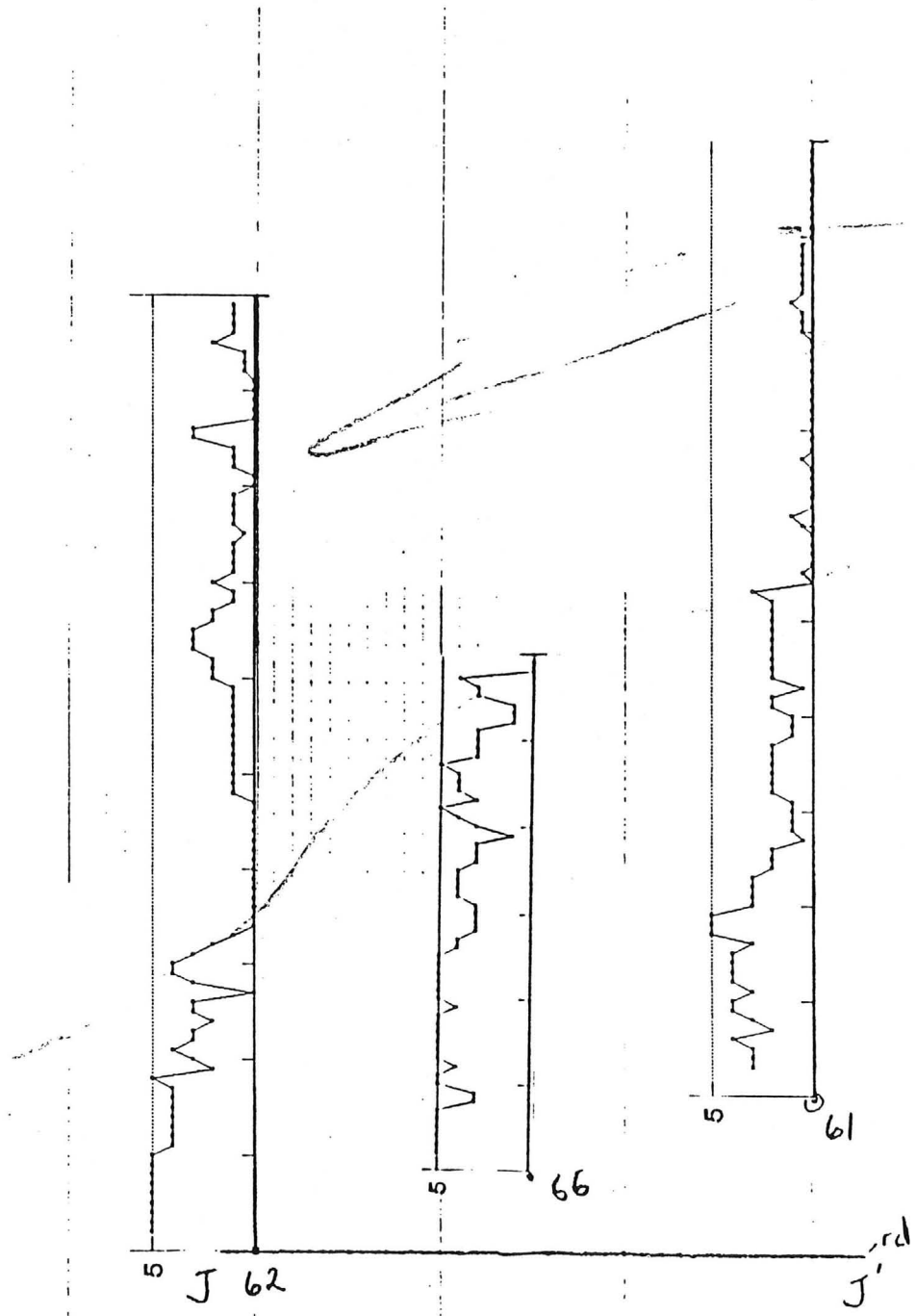
1,548,000 N



AMERICAN COPPER AND NICKEL CO., INC.			
SPARKS, NEVADA			
Project: ROADSIDE PROPERTY		Area: MOHAVE COUNTY, ARIZONA	
SECTION 276,025 EAST			SHEET 1
Supervisor:		Instrument:	
Compiled by:		Date drawn: 3-30-90	
Scale: 1' = 100'		Revised:	
File:		N.T.S.	

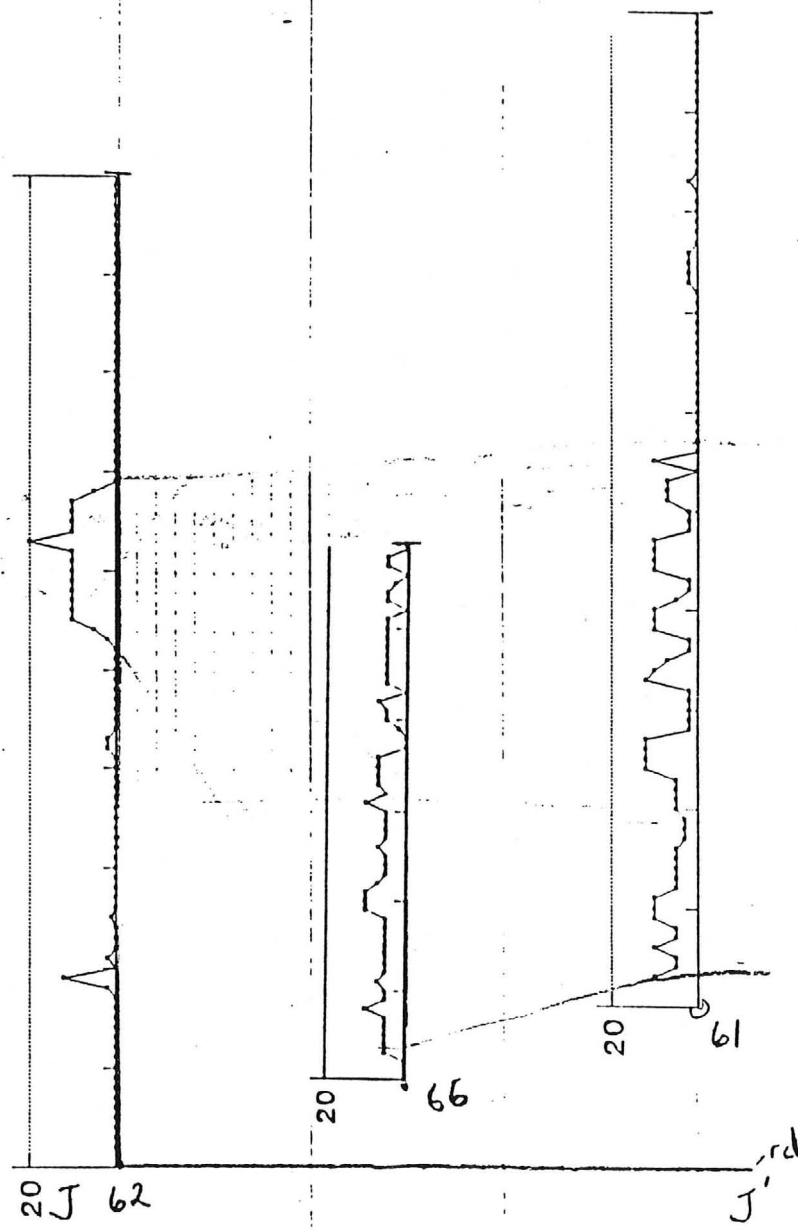


inclined section striking 90°
 dipping $60^\circ W$
 Hole 66 rotated 15° into plane



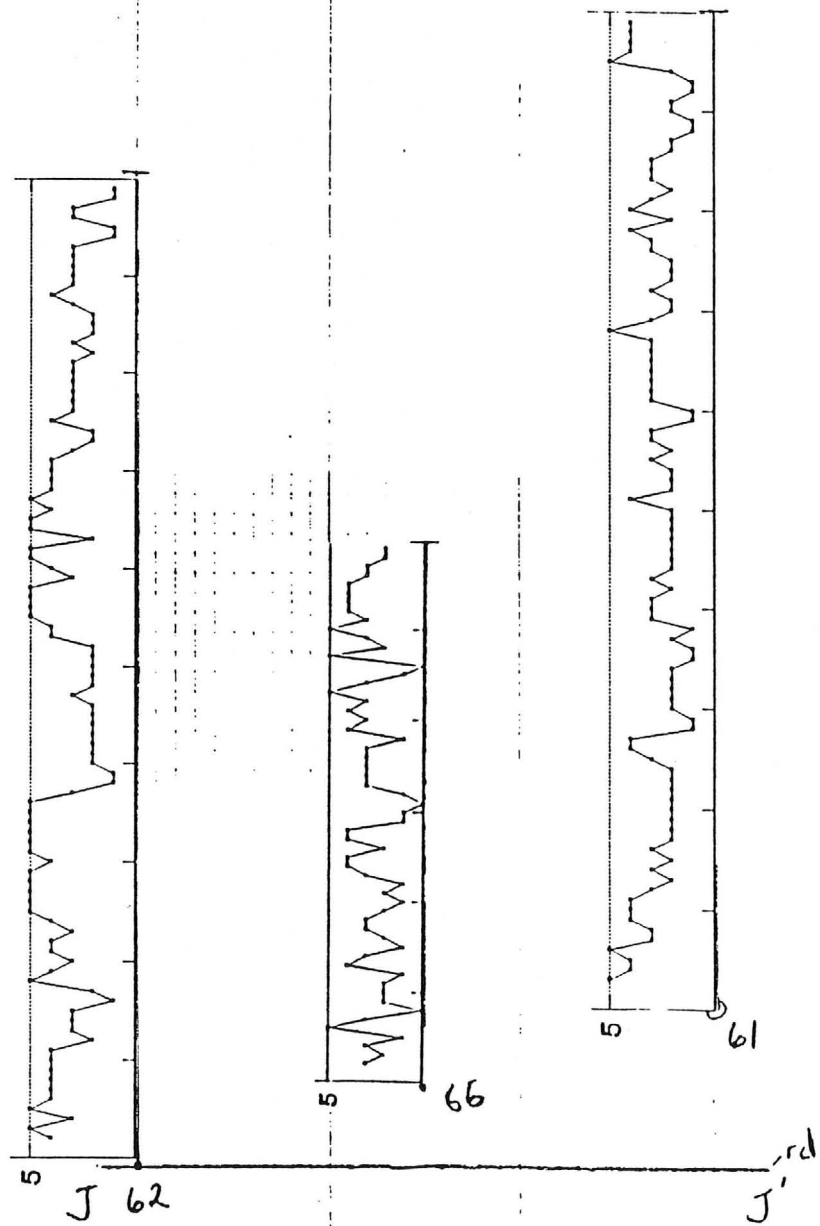
inclined section striking 90°
 dipping 60° N
 Hole 66 rotated 15° into plane

TCDx chips



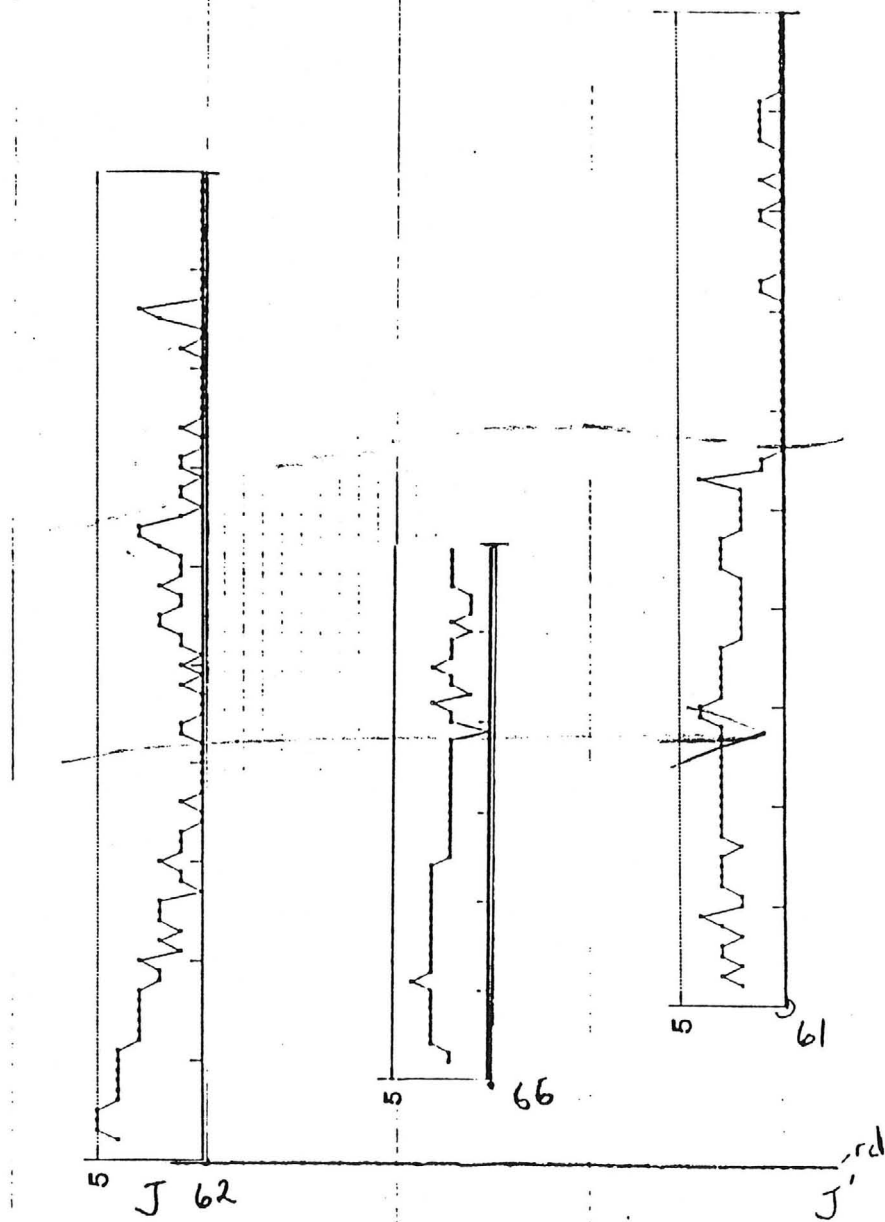
inclined section striking 90°
 dipping 60° N
 Hole 66 rotated 15° into plane

VN-gtz chips



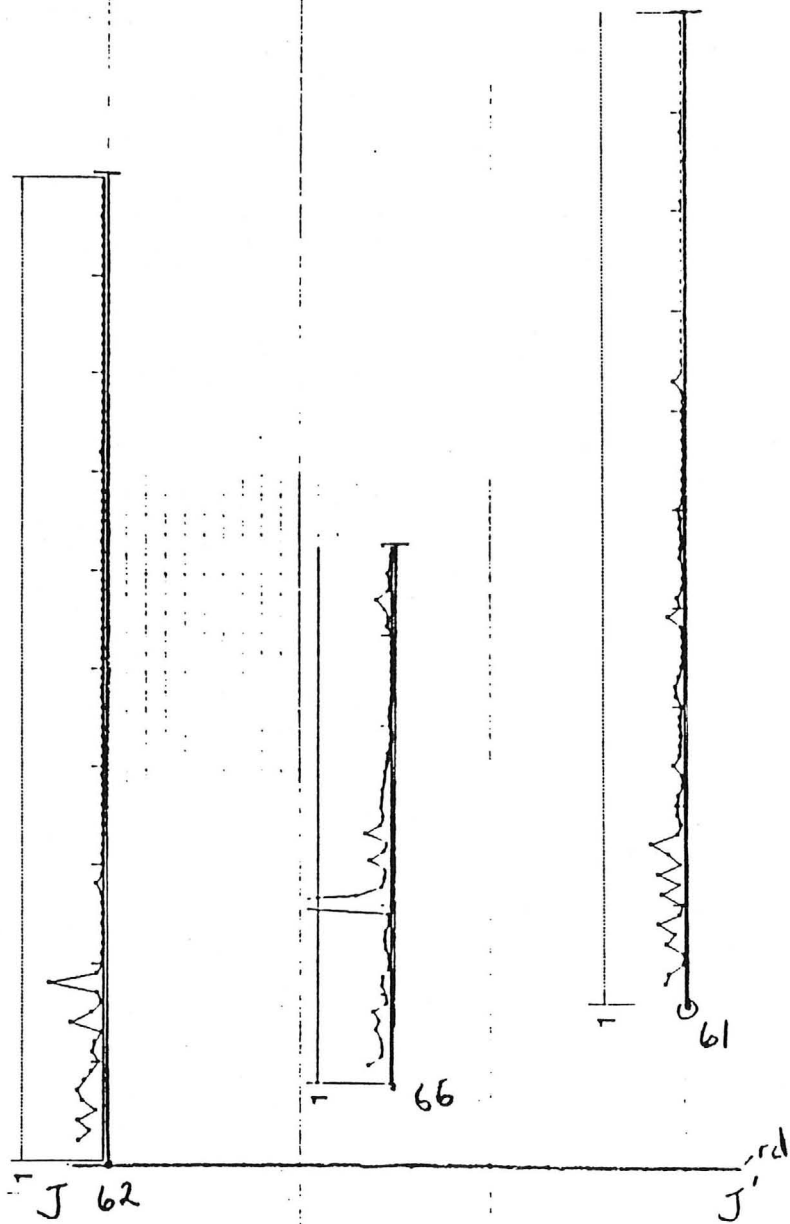
inclined section striking 90°
dipping $60^\circ N$
Hole 66 rotated 15° into plane

matrix calcite



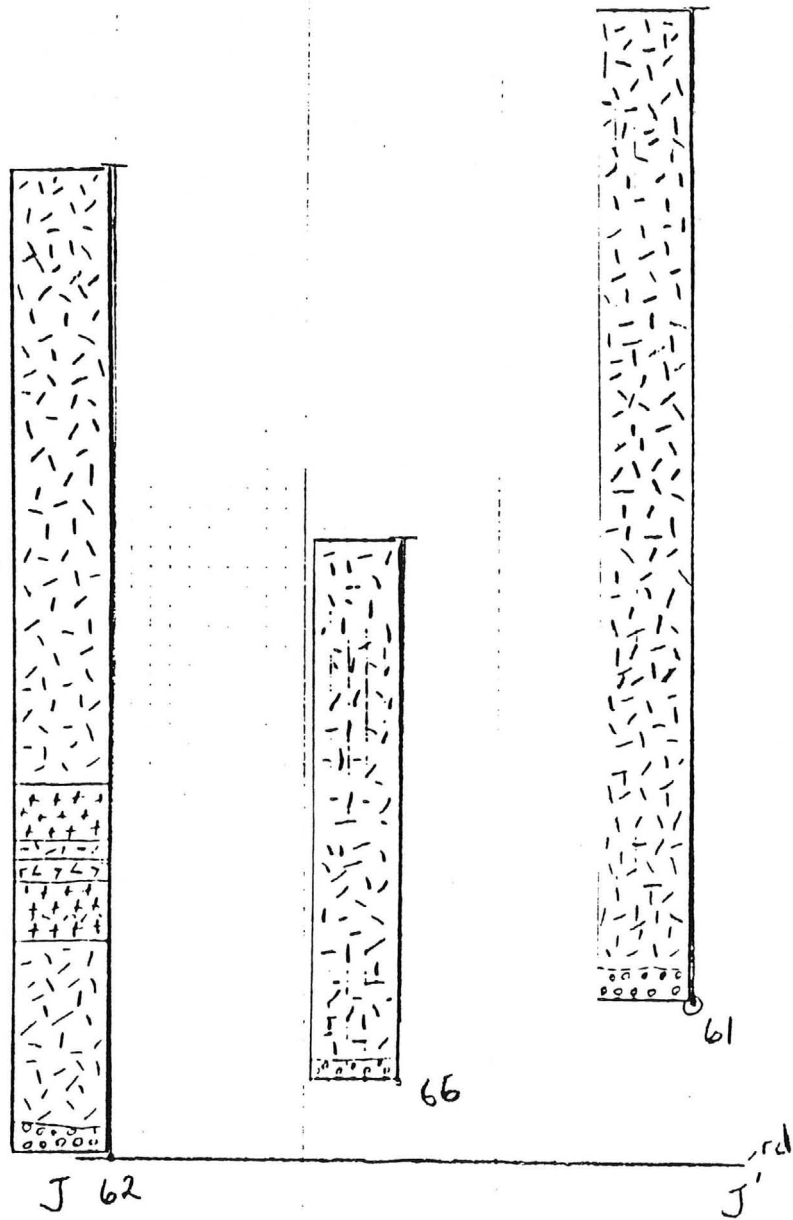
inclined section striking 90°
 dipping $60^\circ N$
 Hole 66 rotated 15° into plane

Matrix FeO_x

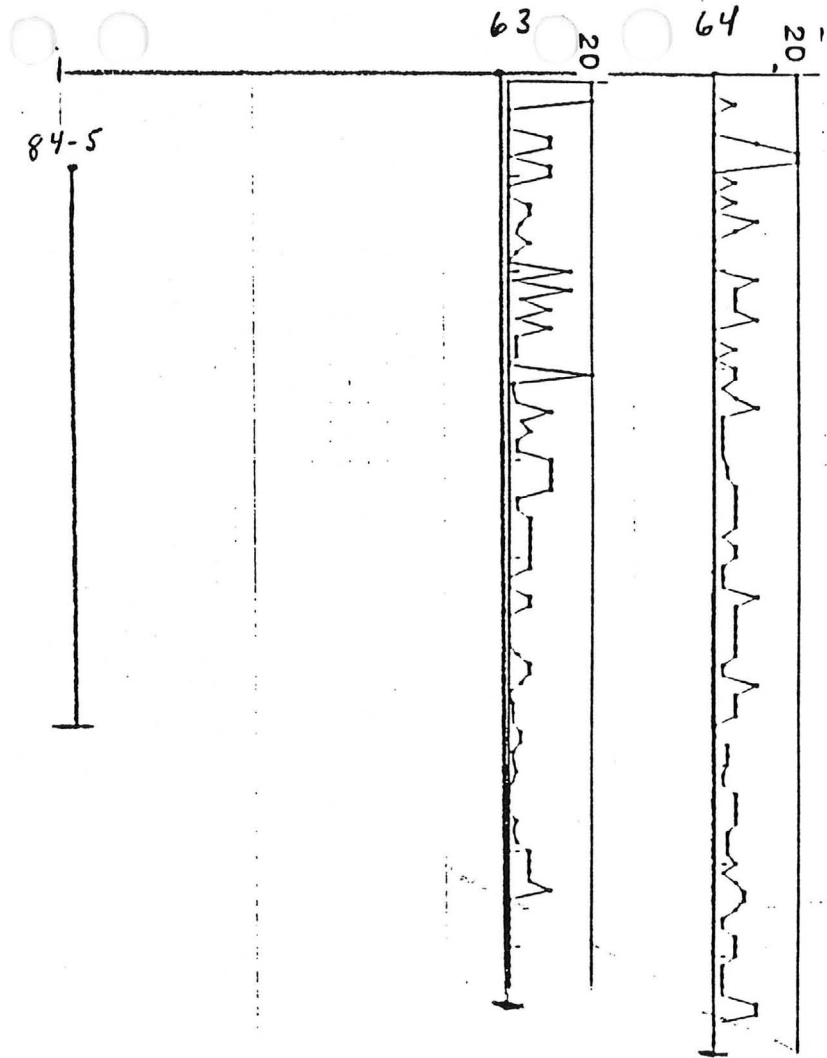


inclined section striking 90°
 dipping 60° N
 Hole 66 rotated 15° into plane

Gold

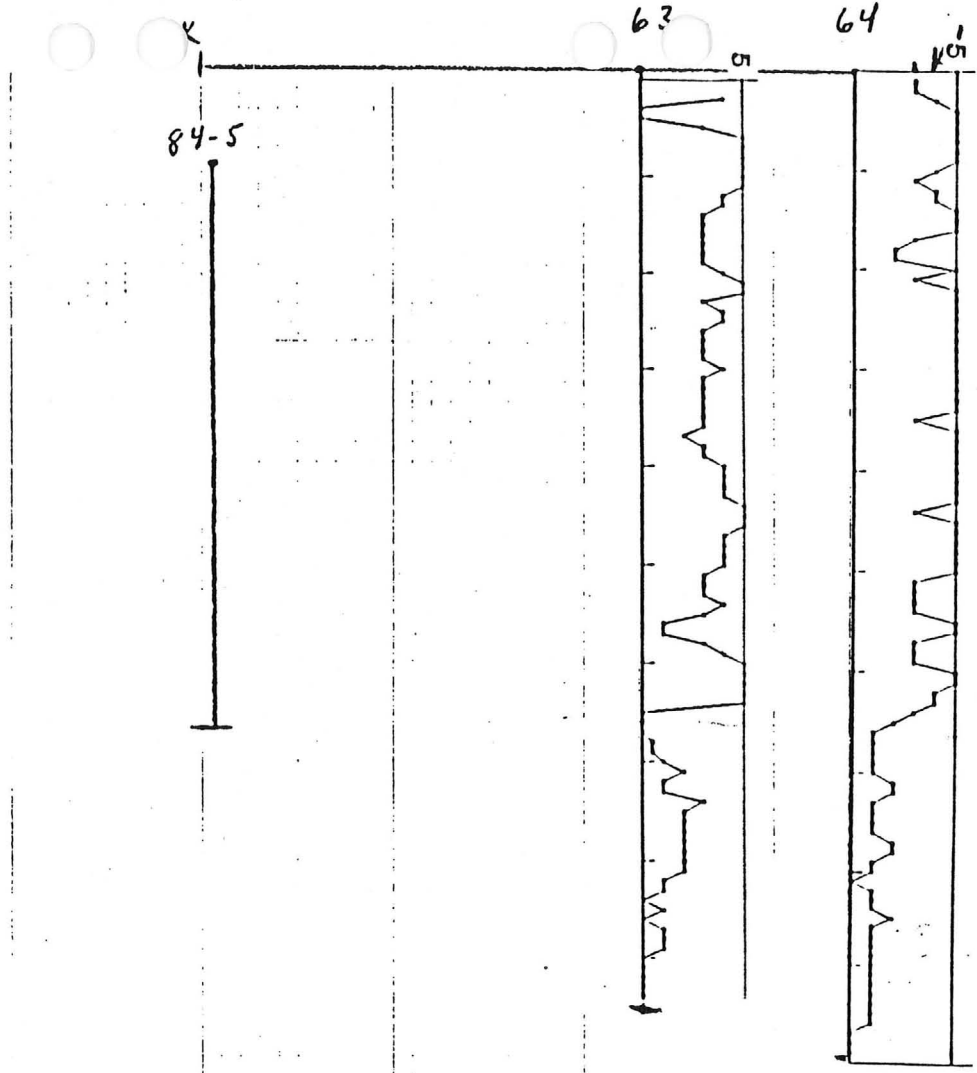


inclined section striking 90°
 dipping 60° N
 Hole 66 rotated 15° into plane



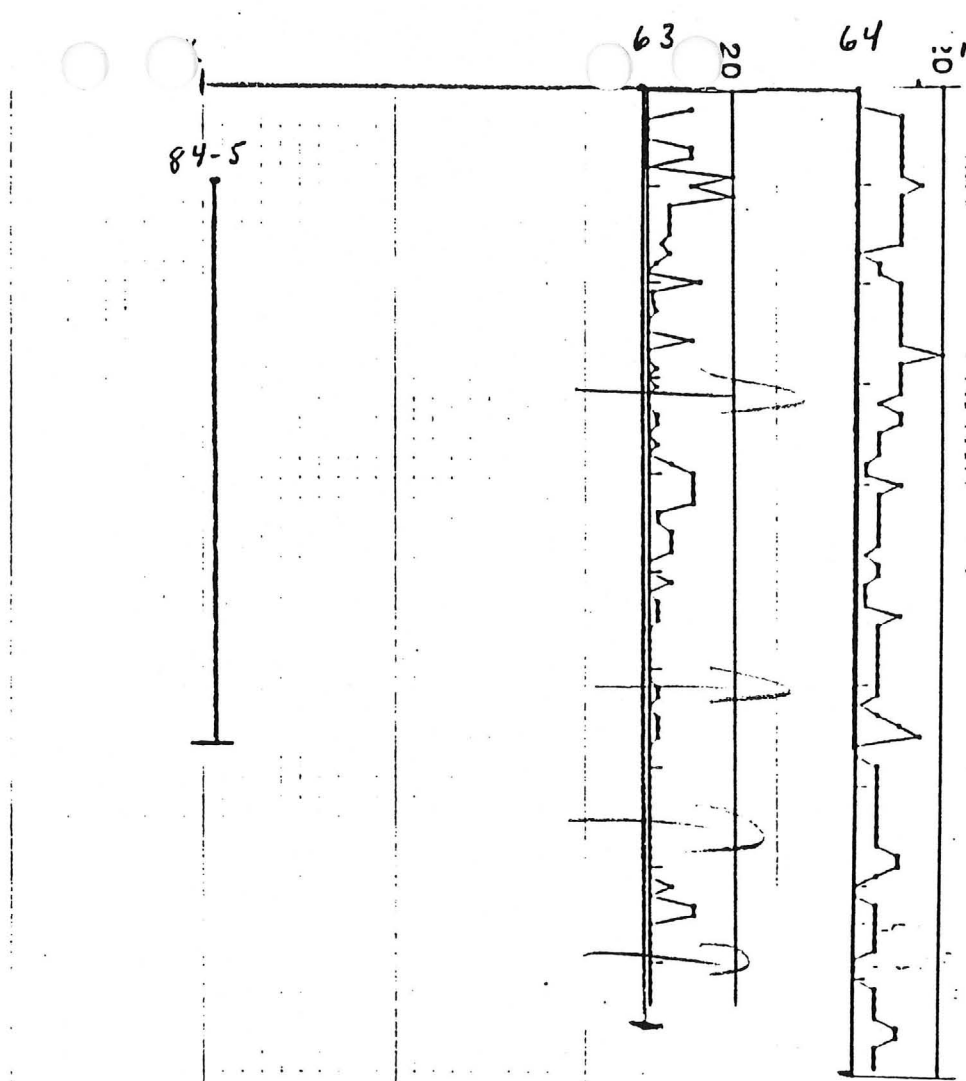
Inclined section striking EW
dipping $60^{\circ} 5'$
84-5 rotated 5° into plane
and projected vertically down on
plane

Carbon chips



Inclined section striking EW
 dipping $60^{\circ} 5'$
 84-5 rotated 5° into plane
 and projected vertically down on
 plane

FeOx chips



Inclined section striking EW
 dipping $60^{\circ} 5'$
 84-5 rotated 5° into plane
 and projected vertically down on
 plane

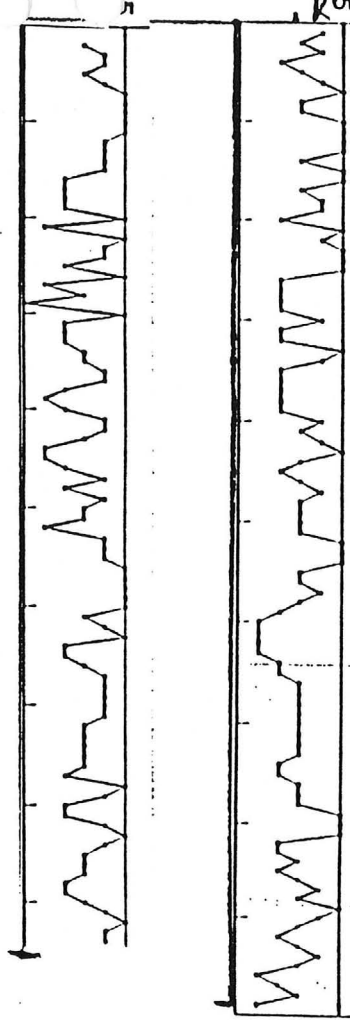
v-w-gtz chips

84-5



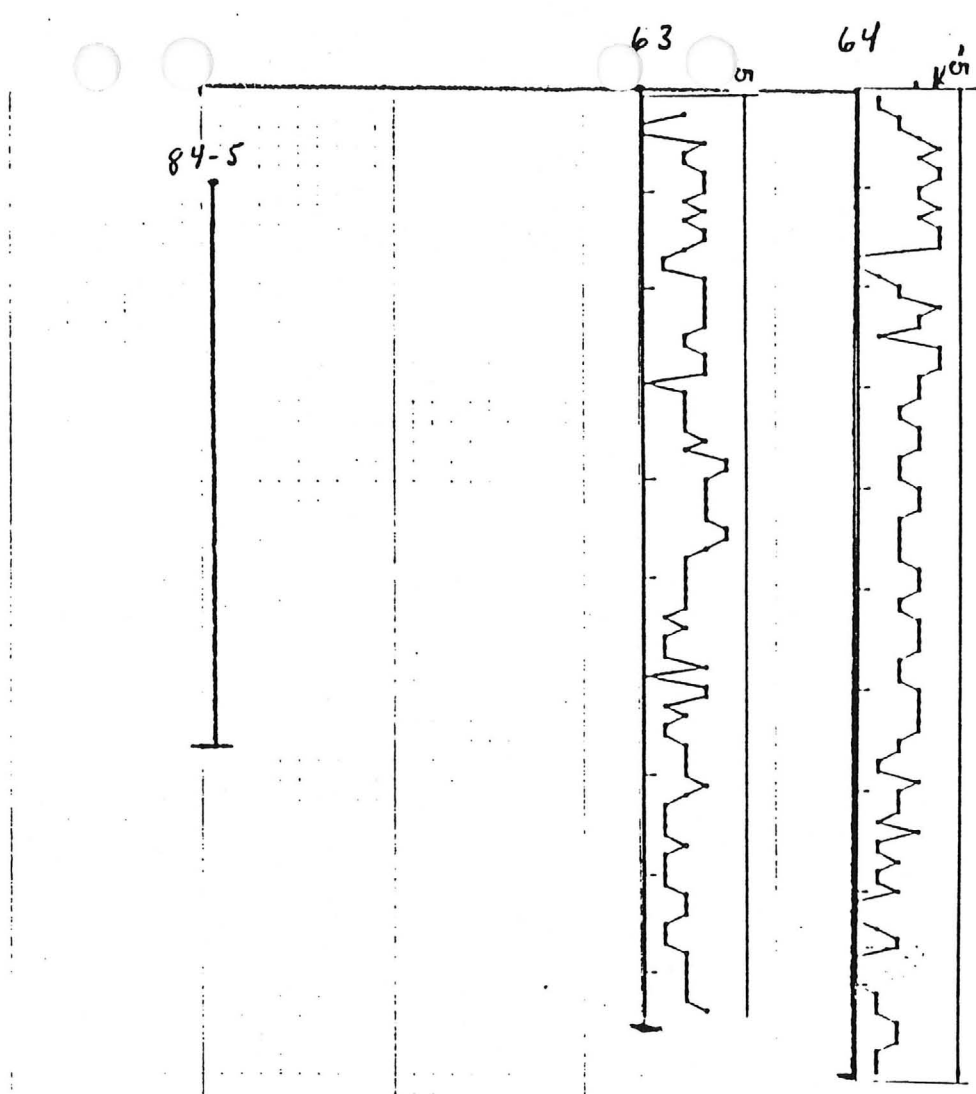
63

64



Inclined section striking EW
dipping $60^{\circ} S$
84-5 rotated 5° into plane
and projected vertically down on
plane

matrix calcite



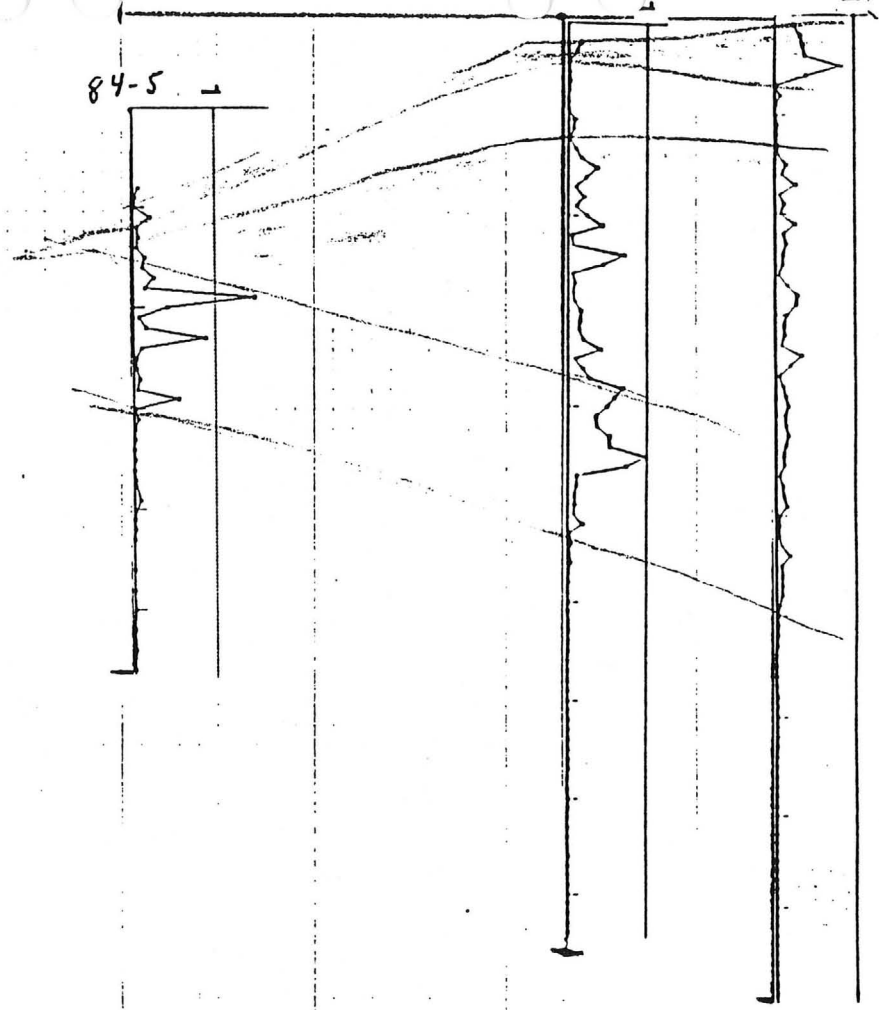
Inclined section striking EW
 dipping $60^{\circ} 5'$
 84-5 rotated 5° into plane
 and projected vertically down on
 plane

matrix FeOx

84-5

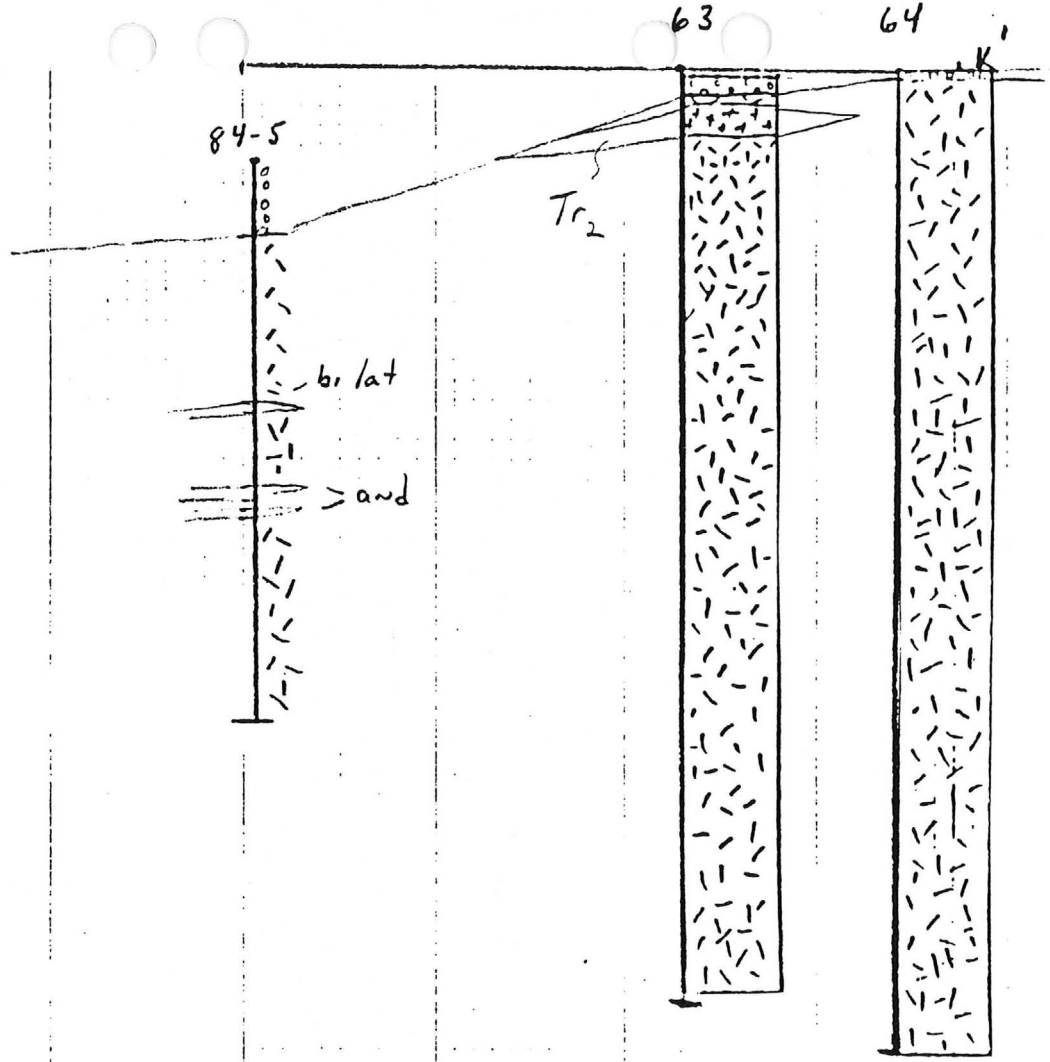
63

64



Inclined section striking EW
dipping $60^{\circ} 5'$
84-5 rotated 5° into plane
and projected vertically down on
plane

Gold



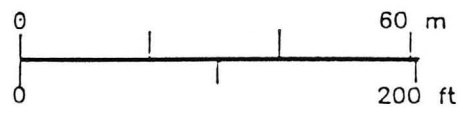
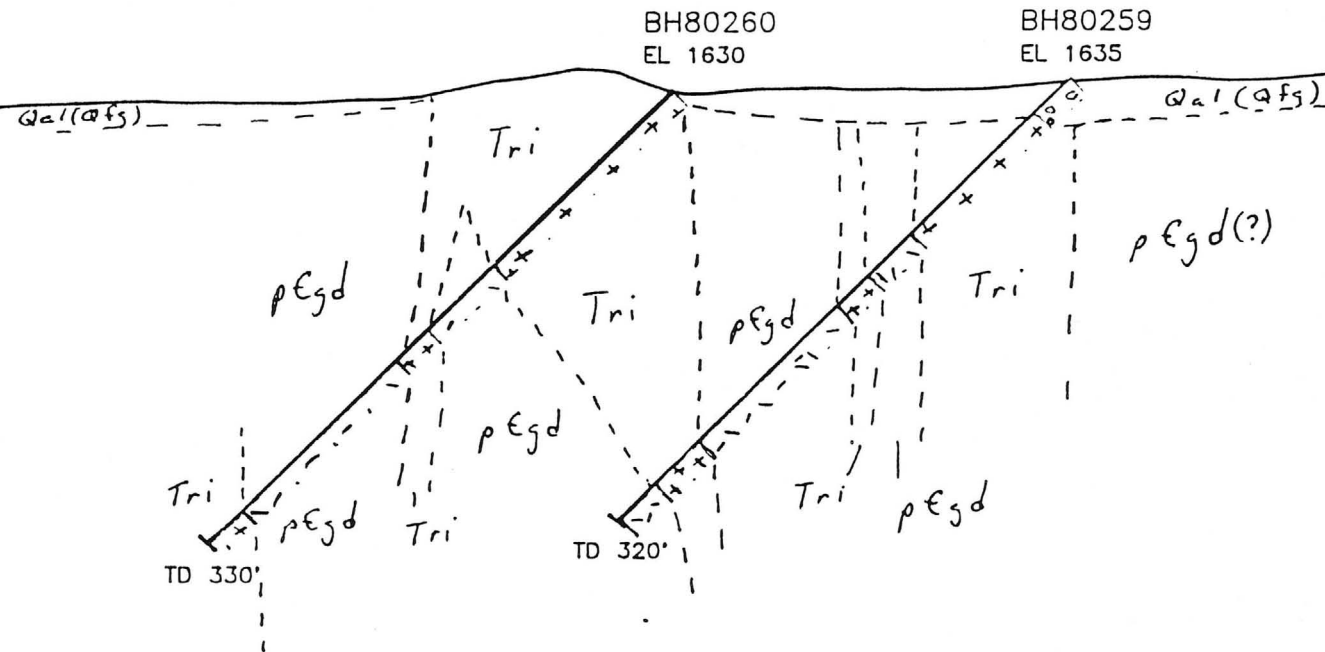
Inclined section striking EW
dipping $60^{\circ} 5'$
84-5 rotated 5° into plane
and projected vertically down on
plane

NORTH

SOUTH

1,547,000 N

—1700'
—1600'
—1500'
—1400'



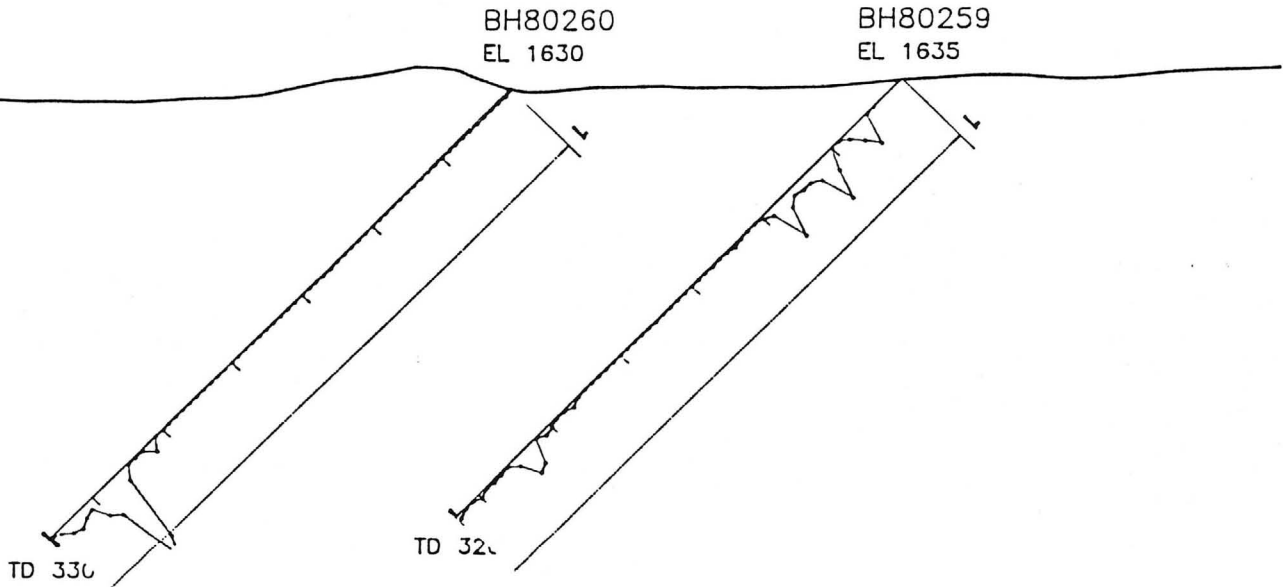
AMERICAN COPPER AND NICKEL CO., INC.			
SPARKS, NEVADA			
Project: ROADSIDE PROPERTY		Area: MOHAVE COUNTY, ARIZONA	
SECTION 276,125 EAST			SHEET 1
Supervisor:		Instrument:	
Compiled by:		Drawn by: R. LASSEN	
Scale: 1"=100'		Date drawn: 3-30-90	
File:		Revised:	
		N.T.S.	

SOUTH

NORTH

1,547,000 N

—1700'
—1600'
—1500'
—1400'



Gold ppm

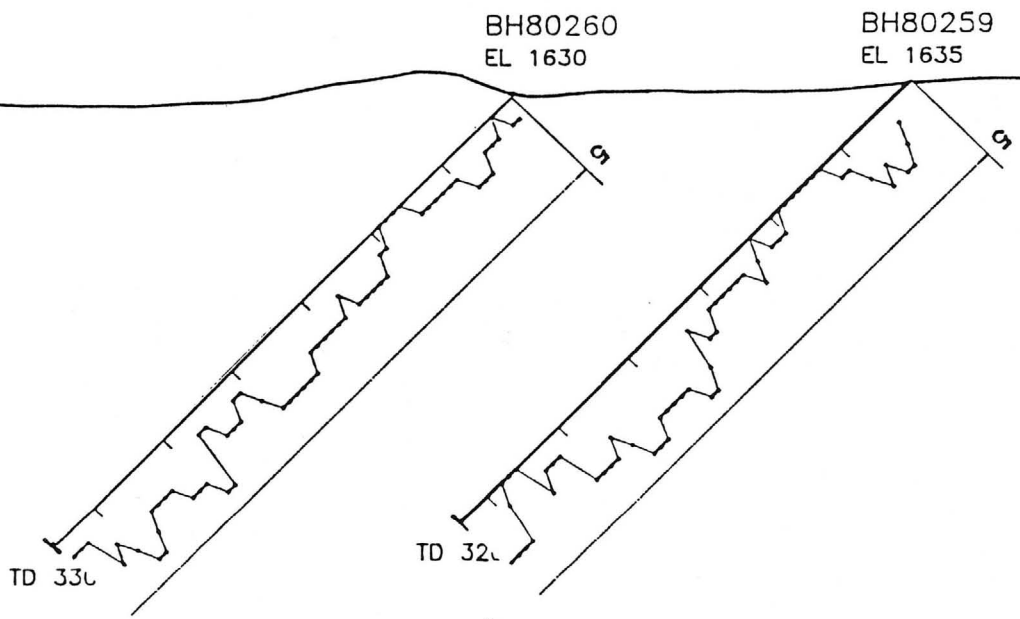
AMERICAN COPPER AND NICKEL CO., INC.			
SPARKS, NEVADA			
Project: ROADSIDE PROPERTY		Area: MOHAVE COUNTY, ARIZONA	
SECTION 276,125 EAST			SHEET 1
Supervisor:		Instrument:	
Compiled by:		Drawn by: R. LASSEN	
Scale: 1' = 100'		Date drawn: 3-30-90	
File:		Revised: N.T.S.	

SOUTH

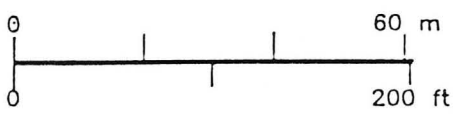
NORTH

1,547,000 N

—1700'
—1600'
—1500'
—1400'



matrix FeOx SQ



AMERICAN COPPER AND NICKEL CO., INC. SPARKS, NEVADA			
Project: ROADSIDE PROPERTY		Area: MOHAVE COUNTY, ARIZONA	
SECTION 276,125 EAST			SHEET 1
Supervisor:	Instrument:	Date drawn:	Revised:
Compiled by:	Drawn by: R. LASSEN	3-30-90	
Scale: 1'=100'	File:	N.T.S.	

SOUTH

NORTH

1,547,000 N

—1700'

—1600'

—1500'

—1400'

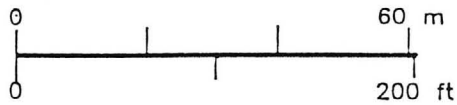
BH80260
EL 1630

BH80259
EL 1635

TD 330

TD 32

matrix calcite SQ



AMERICAN COPPER AND NICKEL CO., INC.
SPARKS, NEVADA

Project: ROADSIDE PROPERTY Area: MOHAVE COUNTY, ARIZONA

SECTION 276,125 EAST

SHEET	FIGURE
1	

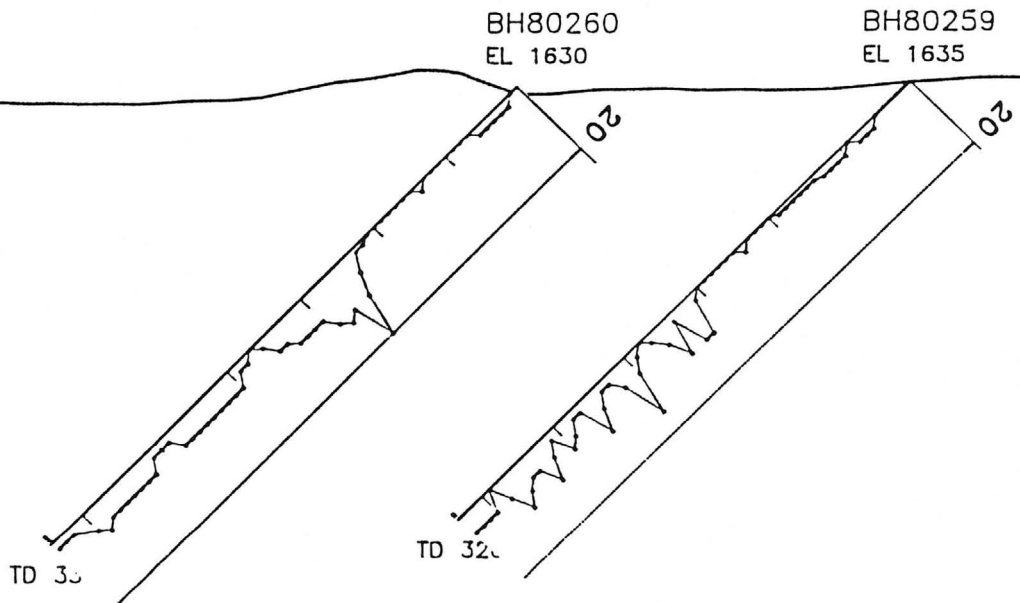
Supervisor:	Instrument:	Date drawn:	Revised:
Compiled by:	Drawn by: R. LASSEN	3-30-90	
Scale: 1' = 100'	File:	N.T.S.	

SOUTH

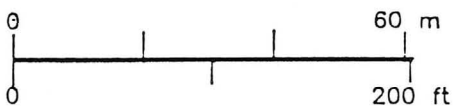
NORTH

1,547,000 N

—1700'
—1600'
—1500'
—1400'



chips - vein quartz to



AMERICAN COPPER AND NICKEL CO., INC.
SPARKS, NEVADA

Project: ROADSIDE PROPERTY Area: MOHAVE COUNTY, ARIZONA

SECTION 276,125 EAST SHEET 1 FIGURE

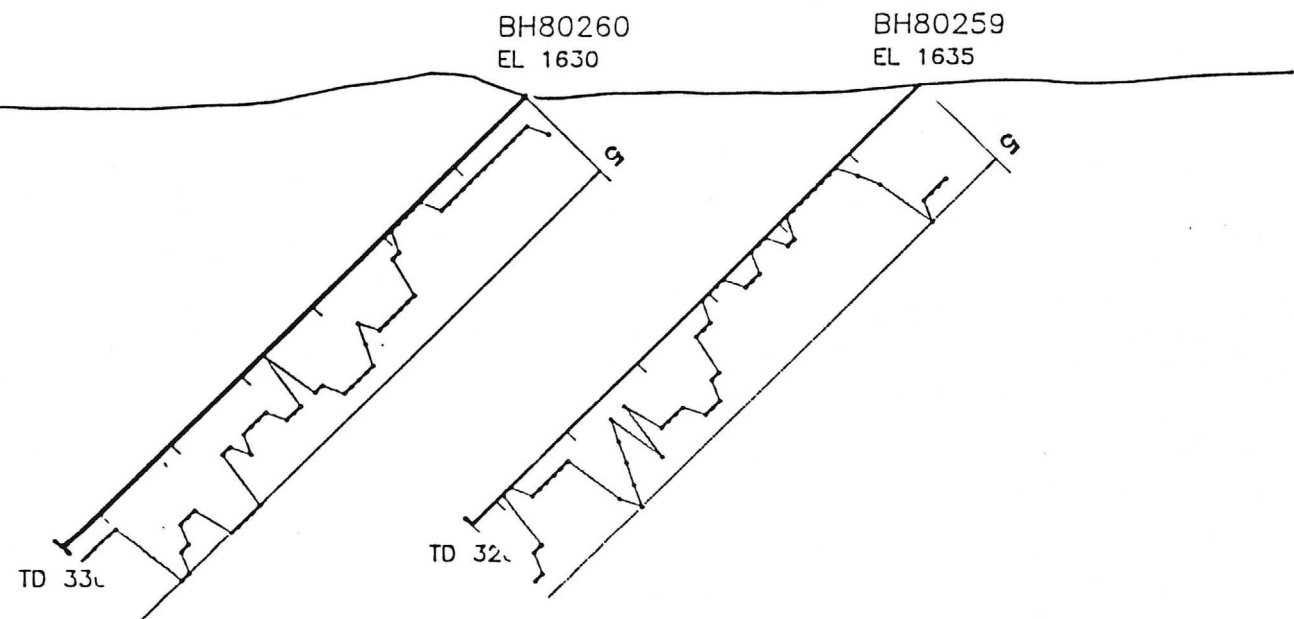
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Compiled by:	Drawn by: R. LASSEN	3-30-90	
Scale: 1"=100'	File:	N.T.S.	

SOUTH

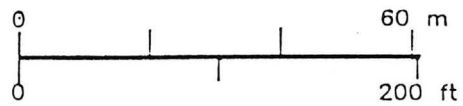
NORTH

1,547,000 N

—1700'
—1600'
—1500'
—1400'



chips - FeOx SQ



AMERICAN COPPER AND NICKEL CO., INC.			
SPARKS, NEVADA			
Project: ROADSIDE PROPERTY		Area: MOHAVE COUNTY, ARIZONA	
SECTION 276,125 EAST			FIGURE
			SHEET
			1
Supervisor:	Instrument:	Date drawn:	Revised:
Compiled by:	Drawn by: R. LASSEN	3-30-90	
Scale: 1"=100'	File:	N.T.S.	

SOUTH

NORTH

1,547,000 N

—1700'

—1600'

—1500'

—1400'

BH80260
EL 1630

BH80259
EL 1635

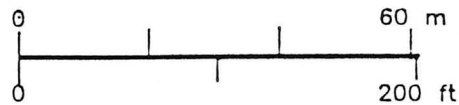
20

20

TD 33c

TD 32c

chips - carbonate vein



AMERICAN COPPER AND NICKEL CO., INC.

SPARKS, NEVADA

Project: ROADSIDE PROPERTY Area: MOHAVE COUNTY, ARIZONA

SECTION 276,125 EAST

SHEET	FIGURE
1	

Supervisor:	Instrument:		
Compiled by:	Drawn by: R. LASSEN	Date drawn: 3-30-90	Revised:
Scale: 1' = 100'	File:	N.T.S.	

100' projection

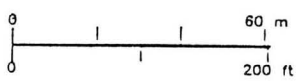
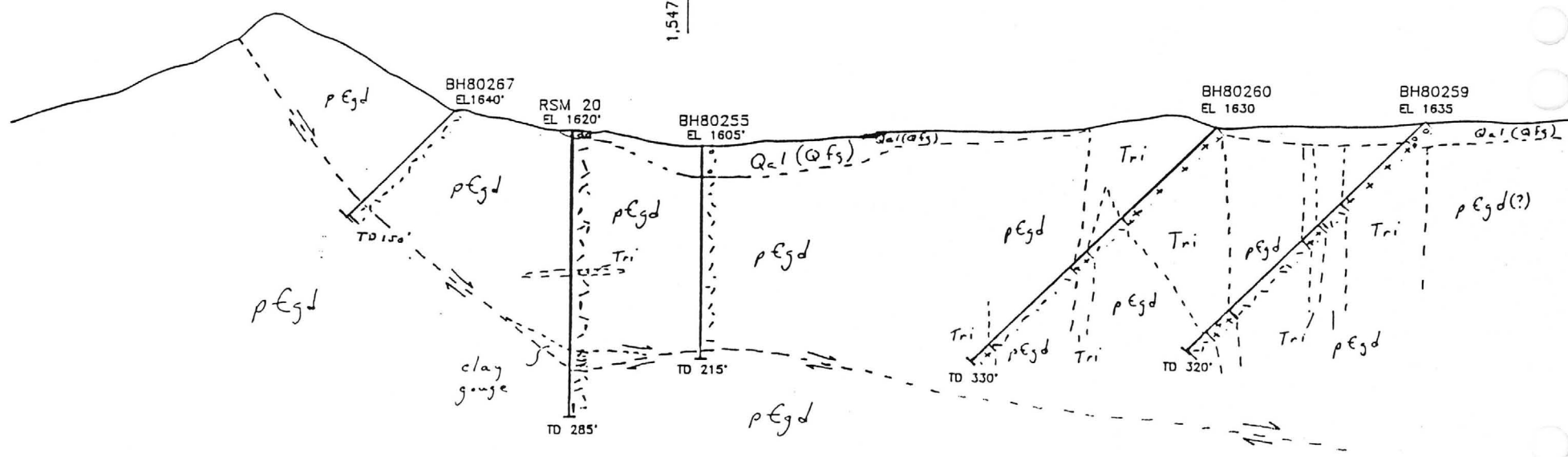
east west

NOR

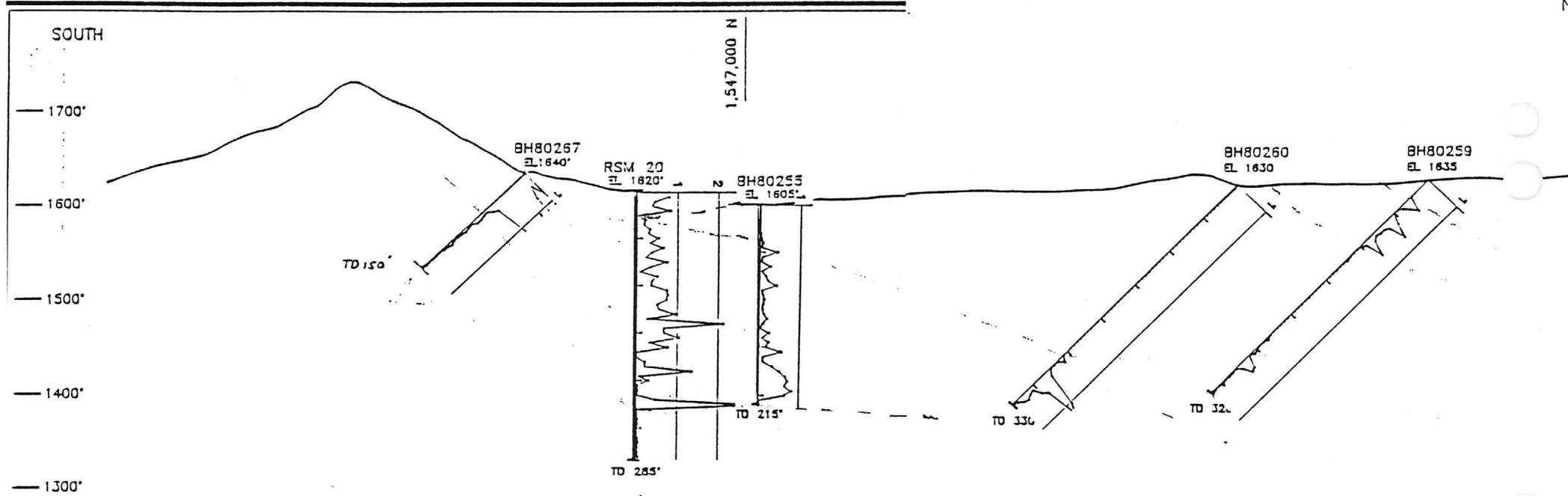
SOUTH

1700'
1600'
1500'
1400'
1300'

1,547,000 N

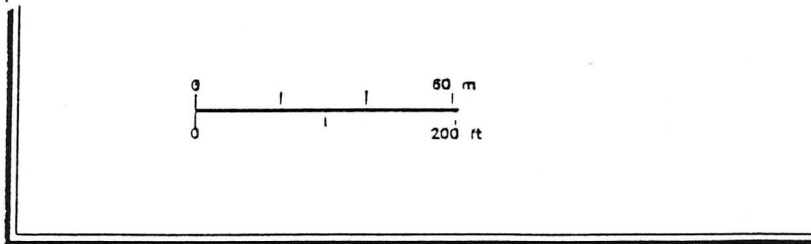


AMERICAN COPPER AND NICKEL CO., INC.			
SPARKS, NEVADA			
Property: ROADSIDE PROPERTY		Area: MOHAVE COUNTY, ARIZONA	
SECTION		EAST	SHEET 1
Subcontract	Instrument	Date drawn	As made
Compared by:	Drawn by: R. LASSEN	3-30-90	
Scale:	File:	N.T.S.	

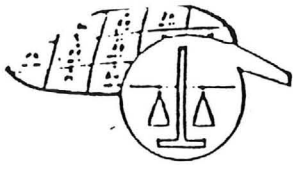


Gold spec

AMERICAN COPPER AND NICKEL CO., INC.	
SPARKS, NEVADA	
PROPERTY: ROADSIDE PROPERTY MOHAVE COUNTY, ARIZONA	
SECTION 276,125 EAST 1	
Supervisor	Instrument
Checked by	DRAWN BY: R. LASSEN
Scale: 1" = 100'	FILE: 4-1-5



22. Duval geochemistry used in preliminary statistical analysis

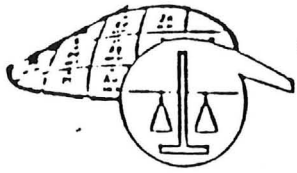


1775 W. Sahuaró Dr. • P.O. Box 50106
 Tucson, Arizona 85703
 (602) 622-4636

REPORT OF ANALYSIS

Analysis of 28 Rock Chip Samples

ITEM	SAMPLE NO.	Au (ppm)	Ag (ppm)	As (ppm)	Sb (ppm)	Hg (ppm)
1	RS-1	<.002	<.2	20.	2.	.02
2	RS-2	<.002	.6	40.	4.	.05
3	RS-3	.019	<.2	10.	2.	.04
4	RS-4	<.002	<.2	20.	<2.	.03
5	RS-5	.038	1.2	<10.	<2.	.55
6	RS-6	.200	1.4	10.	<2.	.03
7	RS-7	<.002	<.2	<10.	<2.	.08
8	RS-8	.050	<.2	<10.	<2.	.04
9	RS-9	.590	4.0	<10.	<2.	.03
10	RS-10	1.500	2.6	<10.	<2.	.03
11	RS-11	1.600	1.8	10.	<2.	.01
12	RS-12	.620	1.8	<10.	<2.	.02
13	RS-13	.650	2.6	10.	2.	.03
14	RS-14	2.600	2.6	10.	6.	.04
15	RS-15	.310	.2	10.	<2.	.09
16	RS-16	.012	.2	10.	<2.	.02
17	RS-17	>10.000*	20.0	<10.	<2.	.03
18	RS-18	.540	3.6	<10.	<2.	.03
19	RS-19	.270	2.0	10.	<2.	.05
20	FW-35	3.300	3.4	<10.	<2.	.04
21	FW-38	2.900	5.8	<10.	<2.	.03
22	FW-39	1.000	2.8	<10.	<2.	.02
23	FW-42	.380	1.4	<10.	<2.	.03
24	FW-53	5.200	6.8	<10.	<2.	.03
25	FW-55	5.000	5.0	<10.	<2.	.04
26	FW-72	6.600	5.0	20.	<2.	.06
27	FW-78	.430	1.4	<10.	2.	.03
28	FW-45	2.000	3.2	<10.	4.	.05



SKYLINE LABS, INC.
1775 W. Sahara Dr. • P.O. Box 50108
Tucson, Arizona 85703
(602) 622-4836

JOB NO. TBI 122.
February 8, 1984
PAGE 3

ITEM	SAMPLE NO.	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)	Ni (ppm)
1	RS-1	<5.	15.	35.	<2.	5.
2	RS-2	<5.	<5.	50.	<2.	5.
3	RS-3	5.	<5.	70.	<2.	<5.
4	RS-4	<5.	10.	30.	<2.	5.
5	RS-5	20.	<5.	60.	<2.	<5.
6	RS-6	10.	<5.	45.	<2.	15.
7	RS-7	5.	<5.	110.	<2.	<5.
8	RS-8	5.	<5.	70.	<2.	<5.
9	RS-9	15.	10.	45.	2.	<5.
10	RS-10	15.	40.	85.	4.	5.
11	RS-11	15.	<5.	65.	2.	<5.
12	RS-12	25.	5.	50.	<2.	<5.
13	RS-13	50.	25.	110.	12.	5.
14	RS-14	10.	150.	25.	8.	<5.
15	RS-15	20.	<5.	105.	2.	5.
16	RS-16	5.	<5.	80.	<2.	5.
17	RS-17	10.	25.	50.	<2.	<5.
18	RS-18	10.	<5.	40.	<2.	<5.
19	RS-19	15.	<5.	70.	<2.	20.
20	FW-35	<5.	10.	20.	<2.	<5.
21	FW-38	10.	30.	45.	2.	<5.
22	FW-39	10.	<5.	50.	<2.	<5.
23	FW-42	5.	10.	35.	<2.	<5.
24	FW-53	15.	15.	15.	<2.	<5.
25	FW-55	10.	10.	20.	<2.	<5.
26	FW-72	35.	45.	75.	<2.	20.
27	FW-78	30.	5.	45.	<2.	<5.
28	FW-45	35.	20.	70.	<2.	30.

ITEM	SAMPLE NO.	Cr (ppm)	F (ppm)	Ba (ppm)	Tl (ppm)	W (ppm)
1	RS-1	240.	1800.	100.	<1.	6.
2	RS-2	160.	3200.	220.	<1.	4.
3	RS-3	190.	1700.	980.	<1.	6.
4	RS-4	230.	200.	150.	<1.	4.
5	RS-5	130.	600.	530.	<1.	6.
6	RS-6	150.	460.	650.	<1.	4.
7	RS-7	140.	1200.	1350.	<1.	4.
8	RS-8	110.	820.	790.	<1.	4.
9	RS-9	220.	400.	720.	<1.	4.
10	RS-10	160.	540.	1000.	<1.	8.
11	RS-11	170.	600.	910.	<1.	6.
12	RS-12	190.	500.	740.	<1.	6.
13	RS-13	160.	700.	940.	<1.	6.
14	RS-14	230.	860.	220.	<1.	6.
15	RS-15	160.	1200.	580.	<1.	8.
16	RS-16	180.	700.	470.	<1.	6.
17	RS-17	240.	350.	40.	<1.	4.
18	RS-18	200.	880.	230.	<1.	8.
19	RS-19	190.	700.	230.	<1.	8.
20	FW-35	230.	400.	50.	<1.	6.
21	FW-38	260.	560.	310.	<1.	10.
22	FW-39	240.	760.	460.	<1.	8.
23	FW-42	270.	590.	100.	<1.	8.
24	FW-53	220.	480.	620.	<1.	6.
25	FW-55	270.	1100.	330.	<1.	6.
26	FW-72	280.	840.	230.	<1.	8.
27	FW-78	250.	880.	450.	<1.	12.
28	FW-45	270.	680.	100.	<1.	8.

23. Results of statistical analysis on Duval geochemistry

Number of Valid Observations (Listwise) = 28.00

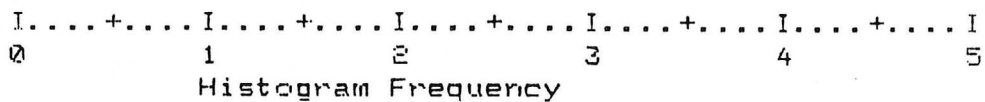
Variable	Mean	Std Dev	Skewness	S.E. Skew	Minimum	Maximum	N
U	1.64	2.42	2.10	.44	.00	10.00	28
G	2.85	3.84	3.50	.44	.10	20.00	28
G	.06	.10	5.04	.44	.01	.55	28
U	14.04	11.75	1.47	.44	2.00	50.00	28
B	16.04	28.88	3.99	.44	2.00	150.00	28
N	56.07	26.22	.55	.44	15.00	110.00	28
R	205.00	47.88	-.17	.44	110.00	280.00	28
	846.43	590.79	2.67	.44	200.00	3200.00	28
A	482.14	347.05	.66	.44	40.00	1350.00	28
	6.43	1.99	.75	.44	4.00	12.00	28
AU	-.59	1.24	-.92	.44	-3.00	1.00	28
AGG	.10	.66	-.61	.44	-1.00	1.30	28
HG	-1.43	.30	2.13	.44	-2.00	-.26	28
OU	.99	.39	-.33	.44	.30	1.70	28
PB	.83	.55	.58	.44	.30	2.18	28
ZN	1.70	.22	-.55	.44	1.18	2.04	28
OR	2.30	.11	-.56	.44	2.04	2.45	28
F	2.86	.24	.46	.44	2.30	3.51	28
BA	2.54	.41	-.70	.44	1.60	3.13	28
W	.79	.13	.01	.44	.60	1.08	28

LAU

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	-3.00	4	14.3	14.3	14.3
	-1.92	1	3.6	3.6	17.9
	-1.72	1	3.6	3.6	21.4
	-1.42	1	3.6	3.6	25.0
	-1.30	1	3.6	3.6	28.6
	-.70	1	3.6	3.6	32.1
	-.57	1	3.6	3.6	35.7
	-.51	1	3.6	3.6	39.3
	-.42	1	3.6	3.6	42.9
	-.37	1	3.6	3.6	46.4
	-.23	1	3.6	3.6	50.0
	-.21	1	3.6	3.6	53.6
	-.19	1	3.6	3.6	57.1
	-.19	1	3.6	3.6	60.7
	0.0	1	3.6	3.6	64.3
	.18	1	3.6	3.6	67.9
	.20	1	3.6	3.6	71.4
	.30	1	3.6	3.6	75.0
	.41	1	3.6	3.6	78.6
	.46	1	3.6	3.6	82.1
	.52	1	3.6	3.6	85.7
	.70	1	3.6	3.6	89.3
	.72	1	3.6	3.6	92.9
	.82	1	3.6	3.6	96.4
	1.00	1	3.6	3.6	100.0
	TOTAL	28	100.0	100.0	

AU

Count	Midpoint
0	-3.5
0	-3.4
0	-3.3
0	-3.2
0	-3.1
4	-3.0 XX
0	-2.9
0	-2.8
0	-2.7
0	-2.6
0	-2.5
0	-2.4
0	-2.3
0	-2.2
0	-2.1
0	-2.0
1	-1.9 XXXXXXXXXXXX
0	-1.8
1	-1.7 XXXXXXXXXXXX
0	-1.6
0	-1.5
1	-1.4 XXXXXXXXXXXX
1	-1.3 XXXXXXXXXXXX
0	-1.2
0	-1.1
0	-1.0
0	-.9
0	-.8
1	-.7 XXXXXXXXXXXX
1	-.6 XXXXXXXXXXXX
1	-.5 XXXXXXXXXXXX
2	-.4 XXXXXXXXXXXXXXXXXXXXXXXXXXXX
0	-.3
4	-.2 XX
0	-.1
1	-.0 XXXXXXXXXXXX
0	.1
2	.2 XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1	.3 XXXXXXXXXXXX
1	.4 XXXXXXXXXXXX
2	.5 XXXXXXXXXXXXXXXXXXXXXXXXXXXX
0	.6
2	.7 XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1	.8 XXXXXXXXXXXX
0	.9
1	1.0 XXXXXXXXXXXX
0	1.1
0	1.2
0	1.3
0	1.4
0	1.5



.AU

Mean	-.587	Std Err	.235	Median	-.218
Mode	-3.000	Std Dev	1.244	Variance	1.547
Kurtosis	-.225	S E Kurt	.858	Skewness	-.918
S E Skew	.441	Range	4.000	Minimum	-3.000
Maximum	1.000	Sum	-16.432		

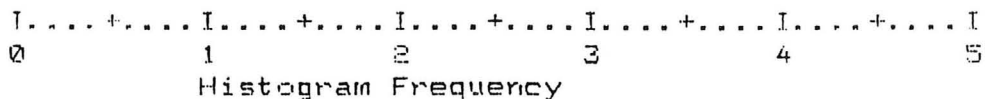
Valid Cases	28	Missing Cases	0
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_AGG

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	-1.00	5	17.9	17.9	17.9
	-.70	2	7.1	7.1	25.0
	-.22	1	3.6	3.6	28.6
	.08	1	3.6	3.6	32.1
	.15	3	10.7	10.7	42.9
	.26	2	7.1	7.1	50.0
	.30	1	3.6	3.6	53.6
	.41	3	10.7	10.7	64.3
	.45	1	3.6	3.6	67.9
	.51	1	3.6	3.6	71.4
	.53	1	3.6	3.6	75.0
	.56	1	3.6	3.6	78.6
	.60	1	3.6	3.6	82.1
	.70	2	7.1	7.1	89.3
	.76	1	3.6	3.6	92.9
	.83	1	3.6	3.6	96.4
	1.30	1	3.6	3.6	100.0
	TOTAL	28	100.0	100.0	

LAGG

Count	Midpoint
0	-1.10
0	-1.05
5	-1.00 XX
0	-.95
0	-.90
0	-.85
0	-.80
0	-.75
2	-.70 XXXXXXXXXXXXXXXXXXXX
0	-.65
0	-.60
0	-.55
0	-.50
0	-.45
0	-.40
0	-.35
0	-.30
0	-.25
1	-.20 XXXXXXXXXXXX
0	-.15
0	-.10
0	-.05
0	.00
0	.05
1	.10 XXXXXXXXXXXX
3	.15 XX
0	.20
2	.25 XXXXXXXXXXXXXXXXXXXX
1	.30 XXXXXXXXXXXX
0	.35
3	.40 XX
1	.45 XXXXXXXXXXXX
1	.50 XXXXXXXXXXXX
2	.55 XXXXXXXXXXXXXXXXXXXX
1	.60 XXXXXXXXXXXX
0	.65
2	.70 XXXXXXXXXXXXXXXXXXXX
1	.75 XXXXXXXXXXXX
0	.80
1	.85 XXXXXXXXXXXX
0	.90
0	.95
0	1.00
0	1.05
0	1.10
0	1.15
0	1.20
0	1.25
1	1.30 XXXXXXXXXXXX
0	1.35
0	1.40



LAGG

Mean	.103	Std Err	.125	Median	.278
Mode	-1.000	Std Dev	.664	Variance	.440
Kurtosis	-.684	S E Kurt	.858	Skewness	-.608
S E Skew	.441	Range	2.301	Minimum	-1.000
Maximum	1.301	Sum	2.891		

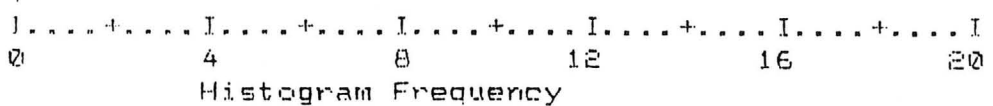
Valid Cases 28 Missing Cases 0

LHG

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	-2.00	1	3.6	3.6	3.6
	-1.70	4	14.3	14.3	17.9
	-1.52	11	39.3	39.3	57.1
	-1.40	5	17.9	17.9	75.0
	-1.30	3	10.7	10.7	85.7
	-1.22	1	3.6	3.6	89.3
	-1.10	1	3.6	3.6	92.9
	-1.05	1	3.6	3.6	96.4
	-.26	1	3.6	3.6	100.0
	TOTAL	28	100.0	100.0	

HG

Count	Midpoint
0	-2.13
0	-2.09
0	-2.05
1	-2.01 XX
0	-1.97
0	-1.93
0	-1.89
0	-1.85
0	-1.81
0	-1.77
0	-1.73
4	-1.69 XXXXXXXXXX
0	-1.65
0	-1.61
0	-1.57
11	-1.53 XXXXXXXXXXXXXXXXXXXXXXXXXXXX
0	-1.49
0	-1.45
5	-1.41 XXXXXXXXXXXX
0	-1.37
0	-1.33
3	-1.29 XXXXXXX
0	-1.25
1	-1.21 XX
0	-1.17
0	-1.13
1	-1.09 XX
1	-1.05 XX
0	-1.01
0	-.97
0	-.93
0	-.89
0	-.85
0	-.81
0	-.77
0	-.73
0	-.69
0	-.65
0	-.61
0	-.57
0	-.53
0	-.49
0	-.45
0	-.41
0	-.37
0	-.33
0	-.29
1	-.25 XX
0	-.21
0	-.17
0	-.13



IG

Mean	-1.431	Std Err	.057	Median	-1.523
Mode	-1.523	Std Dev	.300	Variance	.090
Skewness	0.263	S E Kurt	.058	Skewness	2.130
SE Skew	.441	Range	1.740	Minimum	-2.000
Maximum	-.260	Sum	-40.064		

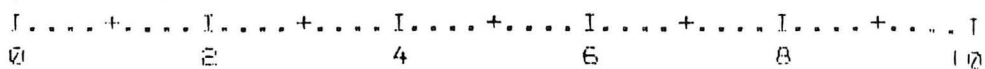
Valid Cases 28 Missing Cases 0

IG

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	.30	4	14.3	14.3	14.3
	.70	5	17.9	17.9	32.1
	1.00	7	25.0	25.0	57.1
	1.18	5	17.9	17.9	75.0
	1.30	2	7.1	7.1	82.1
	1.40	1	3.6	3.6	85.7
	1.48	1	3.6	3.6	89.3
	1.54	2	7.1	7.1	96.4
	1.70	1	3.6	3.6	100.0
	TOTAL	28	100.0	100.0	

LCU

Count	Midpoint
0	.25
0	.28
4	.31 XXXXXXXXXXXXXXXXXXXXXXX
0	.34
0	.37
0	.40
0	.43
0	.46
0	.49
0	.52
0	.55
0	.58
0	.61
0	.64
0	.67
5	.70 XXXXXXXXXXXXXXXXXXXXXXX
0	.73
0	.76
0	.79
0	.82
0	.85
0	.88
0	.91
0	.94
0	.97
7	1.00 XXXXXXXXXXXXXXXXXXXXXXX
0	1.03
0	1.06
0	1.09
0	1.12
0	1.15
5	1.18 XXXXXXXXXXXXXXXXXXXXXXX
0	1.21
0	1.24
0	1.27
2	1.30 XXXXXXXXXXX
0	1.33
0	1.36
1	1.39 XXXXX
0	1.42
0	1.45
1	1.48 XXXXX
0	1.51
2	1.54 XXXXXXXXXXX
0	1.57
0	1.60
0	1.63
0	1.66
1	1.69 XXXXX
0	1.72
0	1.75



Histogram Frequency

LCU

Mean	.994	Std Err	.075	Median	1.000
Mode	1.000	Std Dev	.395	Variance	.156
Kurtosis	-.518	S E Kurt	.058	Skewness	-.334
S E Skew	.441	Range	1.398	Minimum	.301
Maximum	1.699	Sum	27.844		

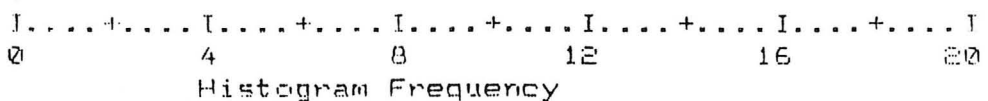
Valid Cases 28 Missing Cases 0

LPB

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	.30	12	42.9	42.9	42.9
	.70	2	7.1	7.1	50.0
	1.00	5	17.9	17.9	67.9
	1.18	2	7.1	7.1	75.0
	1.30	1	3.6	3.6	78.6
	1.40	2	7.1	7.1	85.7
	1.48	1	3.6	3.6	89.3
	1.60	1	3.6	3.6	92.9
	1.65	1	3.6	3.6	96.4
	2.18	1	3.6	3.6	100.0
	TOTAL	28	100.0	100.0	

LPB

Count	Midpoint
0	.24
0	.28
12	.32 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
0	.36
0	.40
0	.44
0	.48
0	.52
0	.56
0	.60
0	.64
2	.68 XXXXX
0	.72
0	.76
0	.80
0	.84
0	.88
0	.92
0	.96
5	1.00 XXXXXXXXXXXX
0	1.04
0	1.08
0	1.12
2	1.16 XXXXX
0	1.20
0	1.24
0	1.28
1	1.32 XX
0	1.36
2	1.40 XXXXX
0	1.44
1	1.48 XX
0	1.52
0	1.56
1	1.60 XX
1	1.64 XX
0	1.68
0	1.72
0	1.76
0	1.80
0	1.84
0	1.88
0	1.92
0	1.96
0	2.00
0	2.04
0	2.08
0	2.12
1	2.16 XX
0	2.20
0	2.24



_PB

Mean	.835	Std Err	.104	Median	.849
Mode	.301	Std Dev	.549	Variance	.302
Kurtosis	-.591	S E Kurt	.058	Skewness	.581
S E Skew	.441	Range	1.075	Minimum	.301
Maximum	2.175	Sum	23.368		

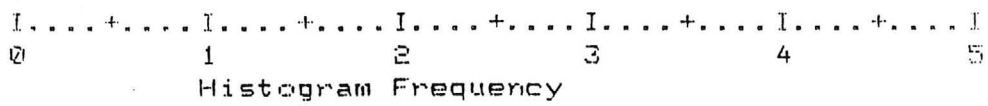
Valid Cases	28	Missing Cases	0
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LZN

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1.18	1	3.6	3.6	3.6
	1.30	2	7.1	7.1	10.7
	1.40	1	3.6	3.6	14.3
	1.48	1	3.6	3.6	17.9
	1.54	2	7.1	7.1	25.0
	1.60	1	3.6	3.6	28.6
	1.65	4	14.3	14.3	42.9
	1.70	4	14.3	14.3	57.1
	1.78	1	3.6	3.6	60.7
	1.81	1	3.6	3.6	64.3
	1.85	4	14.3	14.3	78.6
	1.88	1	3.6	3.6	82.1
	1.90	1	3.6	3.6	85.7
	1.93	1	3.6	3.6	89.3
	2.02	1	3.6	3.6	92.9
	2.04	2	7.1	7.1	100.0
	TOTAL	28	100.0	100.0	

LZN

Count	Midpoint
0	1.11
0	1.13
0	1.15
1	1.17 XXXXXXXXXX
0	1.19
0	1.21
0	1.23
0	1.25
0	1.27
0	1.29
2	1.31 XXXXXXXXXXXXXXXXXXXX
0	1.33
0	1.35
0	1.37
1	1.39 XXXXXXXXXX
0	1.41
0	1.43
0	1.45
1	1.47 XXXXXXXXXX
0	1.49
0	1.51
0	1.53
2	1.55 XXXXXXXXXXXXXXXXXXXX
0	1.57
0	1.59
1	1.61 XXXXXXXXXX
0	1.63
4	1.65 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
0	1.67
4	1.69 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
0	1.71
0	1.73
0	1.75
1	1.77 XXXXXXXXXX
0	1.79
1	1.81 XXXXXXXXXX
0	1.83
4	1.85 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
1	1.87 XXXXXXXXXX
0	1.89
1	1.91 XXXXXXXXXX
1	1.93 XXXXXXXXXX
0	1.95
0	1.97
0	1.99
0	2.01
1	2.03 XXXXXXXXXX
2	2.05 XXXXXXXXXXXXXXXXXXXX
0	2.07
0	2.09
0	2.11



LZN

Mean	1.698	Std Err	.042	Median	1.699
Mode	1.653	Std Dev	.225	Variance	.051
Kurtosis	-.071	S E Kurt	.858	Skewness	-.549
S E Skew	.441	Range	.865	Minimum	1.176
Maximum	2.041	Sum	47.535		

Valid Cases	28	Missing Cases	0
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CR

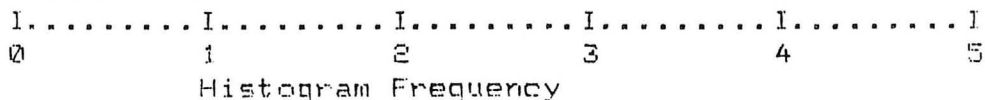
Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	110.00	1	3.6	3.6	3.6
	130.00	1	3.6	3.6	7.1
	140.00	1	3.6	3.6	10.7
	150.00	1	3.6	3.6	14.3
	160.00	4	14.3	14.3	28.6
	170.00	1	3.6	3.6	32.1
	180.00	1	3.6	3.6	35.7
	190.00	3	10.7	10.7	46.4
	200.00	1	3.6	3.6	50.0
	220.00	2	7.1	7.1	57.1
	230.00	3	10.7	10.7	67.9
	240.00	3	10.7	10.7	78.6
	250.00	1	3.6	3.6	82.1
	260.00	1	3.6	3.6	85.7
	270.00	3	10.7	10.7	96.4
	280.00	1	3.6	3.6	100.0
	TOTAL	28	100.0	100.0	

COUNT VALUE

```

1 110.00 XXXXXXXXXXXX
0 120.00 |
1 130.00 XXXXXXXXXXXX
1 140.00 XXXXXXXXXXXX
1 150.00 XXXXXXXXXXXX
4 160.00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
1 170.00 XXXXXXXXXXXX
1 180.00 XXXXXXXXXXXX
3 190.00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
1 200.00 XXXXXXXXXXXX
0 210.00 |
2 220.00 XXXXXXXXXXXXXXXXXXXXXXXXXXXX
3 230.00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
3 240.00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
1 250.00 XXXXXXXXXXXX
1 260.00 XXXXXXXXXXXX
3 270.00 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
1 280.00 XXXXXXXXXXXX

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Mean	205.000	Std Err	9.049	Median	210.000
Mode	160.000	Std Dev	47.081	Variance	2292.593
Kurtosis	-1.052	S E Kurt	.858	Skewness	-.170
S E Skew	.441	Range	170.000	Minimum	110.000
Maximum	280.000	Sum	5740.000		

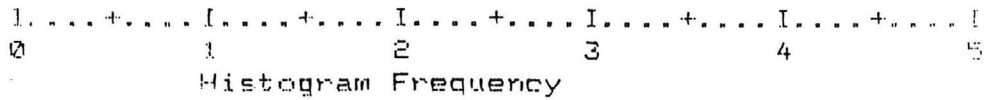
Valid Cases 28 Missing Cases 0

.F

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	2.30	1	3.6	3.6	3.6
	2.54	1	3.6	3.6	7.1
	2.60	2	7.1	7.1	14.3
	2.66	1	3.6	3.6	17.9
	2.68	1	3.6	3.6	21.4
	2.70	1	3.6	3.6	25.0
	2.73	1	3.6	3.6	28.6
	2.75	1	3.6	3.6	32.1
	2.77	1	3.6	3.6	35.7
	2.78	2	7.1	7.1	42.9
	2.83	1	3.6	3.6	46.4
	2.85	3	10.7	10.7	57.1
	2.88	1	3.6	3.6	60.7
	2.91	1	3.6	3.6	64.3
	2.92	1	3.6	3.6	67.9
	2.93	1	3.6	3.6	71.4
	2.94	2	7.1	7.1	78.6
	3.04	1	3.6	3.6	82.1
	3.08	2	7.1	7.1	89.3
	3.23	1	3.6	3.6	92.9
	3.26	1	3.6	3.6	96.4
	3.51	1	3.6	3.6	100.0
	TOTAL	28	100.0	100.0	

LF

Count	Midpoint
0	2.280
1	2.305 XXXXXXXXXX
0	2.330
0	2.355
0	2.380
0	2.405
0	2.430
0	2.455
0	2.480
0	2.505
0	2.530
1	2.555 XXXXXXXXXX
0	2.580
2	2.605 XXXXXXXXXXXXXXXXXXXX
0	2.630
1	2.655 XXXXXXXXXX
1	2.680 XXXXXXXXXX
1	2.705 XXXXXXXXXX
1	2.730 XXXXXXXXXX
1	2.755 XXXXXXXXXX
3	2.780 XXXXXXXXXXXXXXXXXXXXXXXXXXXX
0	2.805
1	2.830 XXXXXXXXXX
3	2.855 XXXXXXXXXXXXXXXXXXXXXXXXXXXX
1	2.880 XXXXXXXXXX
1	2.905 XXXXXXXXXX
2	2.930 XXXXXXXXXXXXXXXXXXXX
2	2.955 XXXXXXXXXXXXXXXXXXXX
0	2.980
0	3.005
1	3.030 XXXXXXXXXX
0	3.055
2	3.080 XXXXXXXXXXXXXXXXXXXX
0	3.105
0	3.130
0	3.155
0	3.180
0	3.205
1	3.230 XXXXXXXXXX
1	3.255 XXXXXXXXXX
0	3.280
0	3.305
0	3.330
0	3.355
0	3.380
0	3.405
0	3.430
0	3.455
0	3.480
1	3.505 XXXXXXXXXX
0	3.530



LF

Mean	2.857	Std Err	.045	Median	2.845
Mode	2.845	Std Dev	.240	Variance	.058
Kurtosis	1.411	S E Kurt	.858	Skewness	.460
S E Skew	.441	Range	1.204	Minimum	2.301
Maximum	3.505	Sum	80.001		

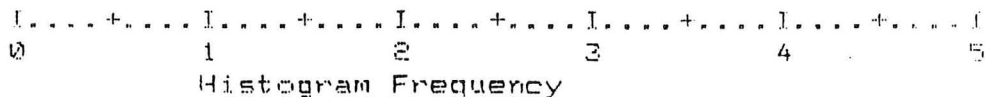
Valid Cases	28	Missing Cases	0
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LBA

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	1.60	1	3.6	3.6	3.6
	1.70	1	3.6	3.6	7.1
	2.00	3	10.7	10.7	17.9
	2.18	1	3.6	3.6	21.4
	2.34	2	7.1	7.1	28.6
	2.36	3	10.7	10.7	39.3
	2.49	1	3.6	3.6	42.9
	2.52	1	3.6	3.6	46.4
	2.65	1	3.6	3.6	50.0
	2.66	1	3.6	3.6	53.6
	2.67	1	3.6	3.6	57.1
	2.72	1	3.6	3.6	60.7
	2.76	1	3.6	3.6	64.3
	2.79	1	3.6	3.6	67.9
	2.81	1	3.6	3.6	71.4
	2.86	1	3.6	3.6	75.0
	2.87	1	3.6	3.6	78.6
	2.90	1	3.6	3.6	82.1
	2.96	1	3.6	3.6	85.7
	2.97	1	3.6	3.6	89.3
	2.99	1	3.6	3.6	92.9
	3.00	1	3.6	3.6	96.4
	3.13	1	3.6	3.6	100.0
	TOTAL	28	100.0	100.0	

LBA

Count	Midpoint	
0	1.5342	
0	1.5675	
1	1.6008	XXXXXXXXXX
0	1.6341	
0	1.6674	
1	1.7007	XXXXXXXXXX
0	1.7340	
0	1.7673	
0	1.8006	
0	1.8339	
0	1.8672	
0	1.9005	
0	1.9338	
0	1.9671	
3	2.0004	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
0	2.0337	
0	2.0670	
0	2.1003	
0	2.1336	
1	2.1669	XXXXXXXXXX
0	2.2002	
0	2.2335	
0	2.2668	
0	2.3001	
2	2.3334	XXXXXXXXXXXXXXXXXXXXXXXXXX
3	2.3667	XXXXXXXXXXXXXXXXXXXXXXXXXX
0	2.4000	
0	2.4333	
0	2.4666	
1	2.4999	XXXXXXXXXX
1	2.5332	XXXXXXXXXX
0	2.5665	
0	2.5998	
0	2.6331	
3	2.6664	XXXXXXXXXXXXXXXXXXXXXXXXXX
0	2.6997	
1	2.7330	XXXXXXXXXX
1	2.7663	XXXXXXXXXX
2	2.7996	XXXXXXXXXXXXXXXXXXXX
0	2.8329	
2	2.8662	XXXXXXXXXXXXXXXXXXXX
1	2.8995	XXXXXXXXXX
0	2.9328	
2	2.9661	XXXXXXXXXXXXXXXXXXXX
2	2.9994	XXXXXXXXXXXXXXXXXXXX
0	3.0327	
0	3.0660	
0	3.0993	
1	3.1326	XXXXXXXXXX
0	3.1659	
0	3.1992	



LBA

Mean	2.536	Std Err	.077	Median	2.658
Mode	2.000	Std Dev	.408	Variance	.167
Kurtosis	-.267	S E Kurt	.858	Skewness	-.703
S E Skew	.441	Range	1.528	Minimum	1.602
Maximum	3.130	Sum	71.016		

Valid Cases 28 Missing Cases 0

LW

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
	.60	7	25.0	25.0	25.0
	.78	11	39.3	39.3	64.3
	.90	8	28.6	28.6	92.9
	1.00	1	3.6	3.6	96.4
	1.08	1	3.6	3.6	100.0
	TOTAL	28	100.0	100.0	

LW

Mean	.788	Std Err	.025	Median	.778
Mode	.778	Std Dev	.133	Variance	.018
Kurtosis	-.572	S E Kurt	.858	Skewness	.012
S E Skew	.441	Range	.477	Minimum	.602
Maximum	1.079	Sum	22.078		

Valid Cases 28 Missing Cases 0

Correlations:	LAU	LAGG	LHG	LCU	LPB	LZN
LAU	1.0000	.8635**	-.1635	.6070**	.4713*	-.2365
LAGG	.8635**	1.0000	-.1070	.5118*	.4778*	-.3253
LHG	-.1635	-.1070	1.0000	.1368	-.1259	.1959
LCU	.6070**	.5118*	.1368	1.0000	.2024	.3405
LPB	.4713*	.4778*	-.1259	.2024	1.0000	-.3006
LZN	-.2365	-.3253	.1959	.3485	-.3006	1.0000
CR	.4323	.4635*	-.2786	.0496	.5639**	-.5073
LF	-.3789	-.3743	.1562	-.1594	-.2656	.2409
LBA	-.1419	-.2776	.0316	.3451	-.3628	.4461*
LW	.4281	.2876	-.0297	.4553*	.1674	.0515

N of cases: 28 1-tailed Signif: * - .01 ** - .001

" . " is printed if a coefficient cannot be computed

Correlations:	CR	LF	LBA	LW
LAU	.4323	-.3789	-.1419	.4281
LGB	.4635*	-.3743	-.2776	.2876
LHG	-.2786	.1562	.0316	-.0297
LCU	.0496	-.1594	.3451	.4553*
LPB	.5639**	-.2656	-.3628	.1674
LZN	-.5079*	.2409	.4461*	.0516
CR	1.0000	-.1605	-.6160**	.4331
LF	-.1605	1.0000	.1615	.1044
LBA	-.6160**	.1615	1.0000	-.0569
LW	.4331	.1044	-.0569	1.0000

N of cases: 28 1-tailed Signif: * - .01 ** - .001

" . " is printed if a coefficient cannot be computed

FACTOR ANALYSIS

analysis Number: 1 Listwise deletion of cases with missing values

extraction: 1 for Analysis 1, Principal-Components Analysis (PC)

Initial Statistics:

Variable	Communality	* Factor	Eigenvalue	Pct of Var	Cum Pct
AD	1.00000	* 1	3.64864	36.5	36.5
AGE	1.00000	* 2	2.10528	21.1	57.5
AG	1.00000	* 3	1.19517	12.0	69.5
AI	1.00000	* 4	.98046	9.8	79.3
AP	1.00000	* 5	.62662	6.3	85.6
ZH	1.00000	* 6	.56539	5.7	91.2
R	1.00000	* 7	.44166	4.4	95.6
F	1.00000	* 8	.22578	2.3	97.9
BA	1.00000	* 9	.10860	1.1	99.0
W	1.00000	* 10	.10239	1.0	100.0

4. Extracted 3 factors.

Factor Matrix:

	FACTOR 1	FACTOR 2	FACTOR 3
AD	.84354	.37236	-.14063
AGE	.84951	.23035	-.17330
AG	-.25580	.23126	.18661
AI	.39044	.86891	-.03667
AP	.70775	-.10762	.01287
ZH	-.49119	.62564	.09476
R	.77991	-.32700	.36756
F	-.45332	.04790	.71509
BA	-.48487	.63272	-.24431
W	.45379	.41255	.62763

Final Statistics:

Variable	Communality	* Factor	Eigenvalue	Pct of Var	Cum Pct
AD	.87000	* 1	3.64864	36.5	36.5
AGE	.80477	* 2	2.10528	21.1	57.5
AG	.16343	* 3	1.19517	12.0	69.5
AI	.90820	*			
AP	.51265	*			
ZH	.65434	*			
R	.85029	*			
F	.71966	*			
BA	.69511	*			
W	.77003	*			

- - - - FACTOR ANALYSIS - - - -

Varimax Rotation 1, Extraction 1, Analysis 1 - Kaiser Normalization.

Varimax converged in 5 iterations.

Rotated Factor Matrix:

	FACTOR 1	FACTOR 2	FACTOR 3
LAU	.09160	-.20453	-.10223
LAGG	.80693	-.30209	-.24876
LHG	-.04322	.28743	.28097
LCU	.85430	.40803	.11112
LPR	.47746	-.51768	-.12920
LZN	.02203	.74070	.32438
OR	.30358	-.02506	.14531
LF	-.34044	.10665	.76967
LBA	.03479	.83301	-.00171
LW	.59423	-.15839	.62597

Factor Transformation Matrix:

	FACTOR 1	FACTOR 2	FACTOR 3
FACTOR 1	.77175	-.61463	-.16320
FACTOR 2	.63520	.73352	.24159
FACTOR 3	-.02077	-.29012	.95656

3 PC EXACT FACTOR SCORES WILL BE SAVED WITH ROOTNAME: FACT

FOLLOWING FACTOR SCORES WILL BE ADDED TO THE ACTIVE FILE:

NAME	LABEL
FACT1	REGR FACTOR SCORE 1 FOR ANALYSIS 1
FACT2	REGR FACTOR SCORE 2 FOR ANALYSIS 1
FACT3	REGR FACTOR SCORE 3 FOR ANALYSIS 1