254

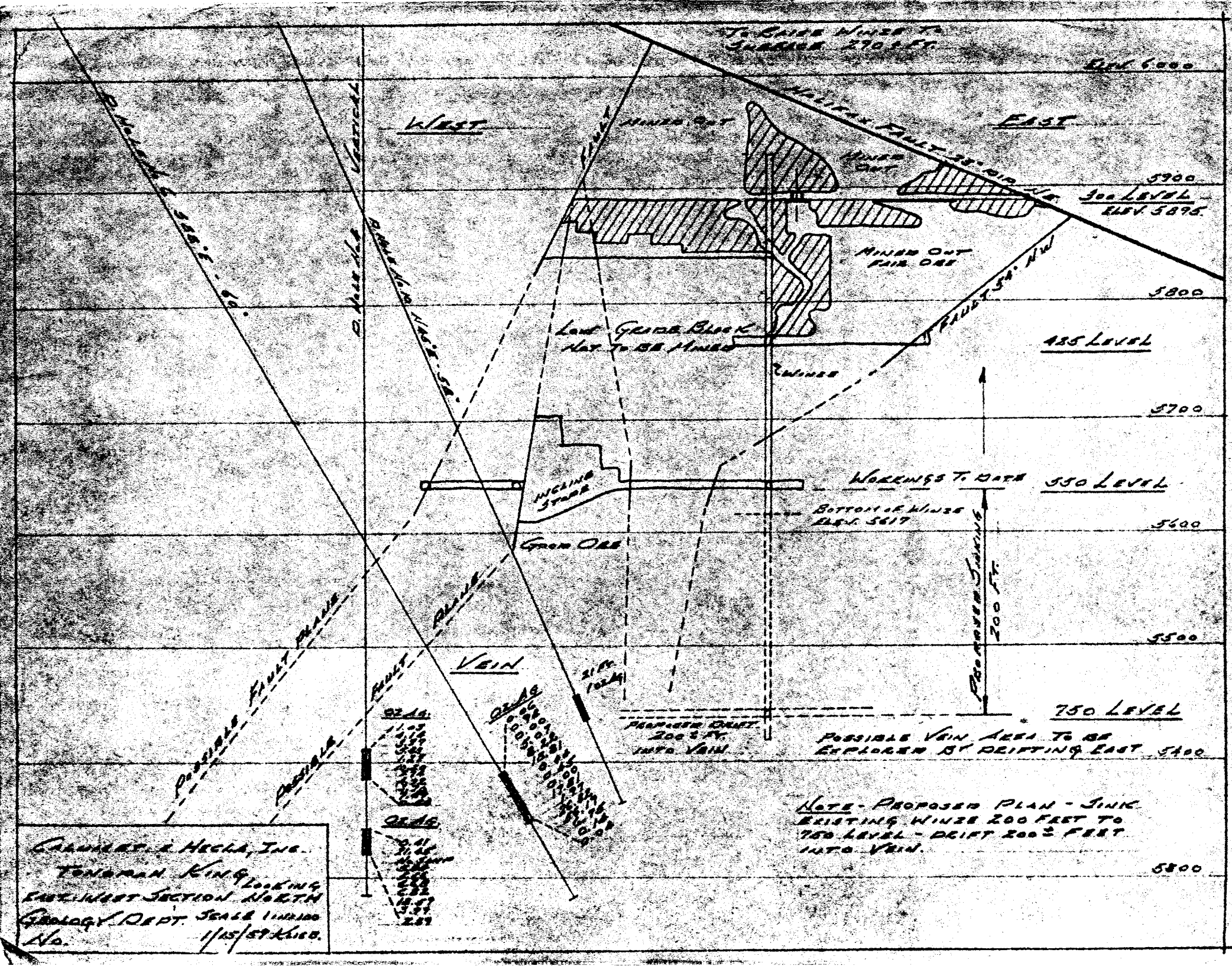
Item 66

4840 0064

TONOPAH KING MINE

BRIEF ANALYSIS OUTLINE

BY J.H.WREN
2/15/64


To Gaine Winze To Surface 270 ± Ft.
Elev. 6000
Halifax Fault 35° Dip N.E.
West
East
Mined Out
Mined Out
5900
300 Level
Elev. 5895
Mined Out Pair Ore
5800
Fault 54° NW
Lone Grade Block Not To Be Mined
485 Level
Mined
5700
Workings To Date
550 Level
Inclined Stope
Bottom of Winze Elev. 5617
5600
Grade Ore
Proposed Sinking 200 Ft.
5500
Vein
Possible Fault Plane
Fault
Possible
Vertical
Bearing N.E. - 55°
Bearing N.E. - 55°
21 Ft. 10.24
Grade
Grade
Proposed Drift 200 ± Ft. Into Vein
750 Level
Possible Vein Area To Be Explored By Drifting East
5400
Note - Proposed Plan - Sink Existing Winze 200 Feet To 750 Level - Drift 200 ± Feet Into Vein.
5300
Calumet & Hecla, Inc.
Tonopah King
East-West Section Looking North
Geology Dept. Scale 1 in. = 100
No.
1/15/59 K.L.C.

MINE MANAGEMENT
OPERATIONAL CONSULTING

MINE EXAMINATIONS
MINING ENGINEERING

INVESTOR'S REPORTS
EFFICIENCY STUDIES

J. H. WREN & CO.

CONSULTING MINING ENGINEERS

CABLE ADDRESS
WRENCO

PHONE GLADSTONE 6-0922
4297 D STREET
SACRAMENTO, CALIF.

FEBRUARY 15, 1964

REPLY TO :

604 SOUTH WELLS AVE.,
SUITE NUMBER 4
RENO, NEVADA
PHONE : 322-4840

TONOPAH KING MINE

BRIEF ANALYSIS OUTLINE

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PROPERTY DESCRIPTION

PRODUCTION EXHIBITS

PHOTOS

MAPS IN SHEET COVERS :

A). TONOPAH KING MINE 550 LEVEL.

B). TONOPAH KING MINE 750 LEVEL.

C). TONOPAH KING LONGITUDINAL VERTICAL SECTION.

MAPS IN POUCH :

TONOPAH KING MINE 750' LEVEL - PLATE NO. 1.

GEOLOGIC SURFACE PLAN SHOWING RELATIONSHIP TO TONOPAH AND THE MIZPAH MINE. - PLATE NO. 2.

DISTRICT MINING CLAIM MAP SHOWING THE PARALLEL VEIN SYSTEM OCCURRENCE. PLATE NO. 3.

TONOPAH KING MINE LONGITUDINAL VERTICAL SECTION. PLATE NO. 4.

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BRIEF ANALYSIS TONOPAH KING MINE

1. LOCATION : PRACTICALLY IN THE TOWN OF TONOPAH.

2. PROPERTY EXTENT : 20 PATENTED MINING CLAIMS , 20 MINING CLAIMS HELD BY LOCATION. THE SURFACE RIGHTS OF THE 20 PATENTED CLAIMS ARE WORTH THE OPTION PRICE ASIDE FROM THE MINERAL RESERVES.

2. HISTORY : A 300' SHAFT WAS SUNK DURING THE EARLY 1900S BUT EXPLORATOON FAILED TO FIND THE PRESENT ORE ZONE.

   IN THE 1950S SOME CONSIDERABLE DIAMOND DRILLING WAS DONE ALONG WITH GEOLOGIC STUDY OF THE AREA. PRESENT PRODUCTION ZONE WAS ENCOUNTERED.

   THIS PROPERTY HAS THE SAME ORE CHARACTER AND GEOLOGIC CONDITIONS THAT WERE PRESENT AT THE MIZPAH MINE, ON A PARALLEL VEIN SYSTEM TO THE TONOPAH KING. THE MIZPAH, REPORTEDLY, PAID SOME $50,000,000 IN DIVIDENDS.

3. OWNERSHIP : A MAJOR MINING COMPANY A FEW YEARS AGO GRANTED A LEASE WITH OPTION TO PURCHASE THE PROPERTY FOR $25,000 ON A 25% NET-TO-THE-MINE-BIN ROYALTY. SINCE THE ZONE HAS BEEN PROVEN, THE MAJOR COMPANY EVIDENTLY WOULD LIKE TO HAVE THE PROPERTY BACK. THEREFORE AN EXTENSION OF THE LEASE-OPTION WILL NOT BE GRANTED. HOWEVER, PRESENT ASSOCIATION OF LESSEES HAVE SOME 6 WEEKS WITHWHICH TO PAY OFF THE OPTION PRICE. THEY DO NOT HAVE THE FUNDS AT THIS TIME.

4. DEVELOPMENT : ONE 300' , EQUIPED SHAFT.

   ONE 450' WINZE CONNECTING TO THE 750' LEVEL.

   SEVERAL HUNDRED FEET OF DIAMOND DRILL HOLES.

   SEVERAL THOUSAND FEET OF DRIFTS, X-CUTS, RAISES.

   SKIP POCKETS ARE CUT.

   TWO 8" CHURN DRILL HOLES TOTALING 500'. ONE CHURN DRILL HOLE IS BEING USED FOR ELECTRICAL POWER TRANSMISSION CABLEWAY AND A VENTILATION ENTRY, SET UP WITH A HI-VELOCITY BLOWER.

TONOPAH KING MINE OUTLINE OF FEB. 15, 1964 :

4. DEVELOPMENT, CONTINUATION : EXISTING DEVELOPMENT TO REPLACE AT PRESENT COST WOULD BE OVER $300,000.

5. EQUIPMENT : MAIN SHAFT STEEL HEADFRAME .

TRACK PIPE AND RAIL.

VENTILATION SYSTEM.

MAIN SHAFT HOIST.

WINZE HOIST.

SHAFT AND WINZE ELEVATION EQUIPMENT.

BUILDINGS.

TONOPAH WATER SERVICE LINES.

6. ENGINEERING : AN ADEQUATE COMPLEMENT OF MINE MAPS, ASSAY CHARTS, DIAMOND DRILL LOGS AND GEOLOGIC STUDY REPORTS ARE AVAILABLE.

7. PRODUCTION : HEREWITH PLEASE FIND PART OF THE RECENT PRODUCTION TABULATED. IN THE CASE OF THE CUSTOM MILLING LISTED AT SOME 5,727.86 TONS, RECOVERY WAS QUESTIONABLE WITH REGARD TO EFFICIENCY AND MINING DID NOT PROPERLY CONTROL DILUTION. RESULT WAS ONLY $17.27 PER TON VALUE. THIS PRODUCT COULD BE RAISED TO $25, MINED IN VOLUME AT ABOUT 100 TONS PER DAY DELIVERING ABOUT AN OVERALL $10 NET - NO ROYALTY INVOLVED AFTER PAYING OPTION PRICE. SUCH AN OPERATION WOULD NET $1,000 PER DAY , NOT INCLUSIVE OF THE BETTER GRADE ZONES.

HEREWITH INCLUDED IS A TABULATION OF 744.04 SELECTED TONS PRODUCED AND SOLD KENNECOTT COPPER COMPANY AT MC GILL, NEVADA AT A LOW TREATMENT RATE AS THAT MARKET NEEDS SILICA FOR FLUX. THIS ORE WAS SOLD FOR SOME $47,466.68 GROSS RESULTING IN $63.81 PER TON VALUE.

8. RESERVES : APPROXIMATELY $250,000 OF POSITIVE ORE RESERVES ARE AVAILABLE.

THE BLOCK OF GROUND BETWEEN THE 550 LEVEL AND THE 750 LEVEL HAS BEEN OPEN WITH A WINZE FOR HOISTING AND DRIFTING DONE. THE ORE FROM THIS AREA HAS NOT BEEN PRODUCED. IT SHOULD DEVELOP OUT TO SEVERAL HUNDRED THOUSAND DOLLARS.

MUCH POSSIBLE ORE IS POTENTIAL ON THIS PROPERTY. A NEW STRIKE IN A PARALLEL MINERALIZATION LOOKS PARTICULARLY GOOD. THIS WOULD MAKE A SEPARATE PRODUCTION OPERATION FROM THE MAIN OBJECTIVE.

SOME CONSIDERABLE TONNAGE CAN BE PRODUCED IN AND AB OUT THE UPPER LEVEL'S DEVELOPED AREAS.

9. ECONOMICS : ORE SUCH AS THAT THAT HAS BEEN CUSTOM MILLED, IF GRADE IS CONTROLED TO RAISE AVERAGE TO $25 WILL RESULT IN A GROSS OF $2,500 PER DAY ASSAY VALUE. BY MILLING ON THE PROPERTY OR A NEARBY LEASED PLANT, POURING THE GOLD-SILVER BULLION ON THE SITE, TRUCKING, RR FREIGHT AND CUSTOM TREATMENT CHARGES WILL BE SAVED. ON THAT BASIS A 100 DAILY MILLING SCHEDULE WILL BE NECESSARY TO MAKE THE $2,500 PER DAY GROSS VALUE RESULTING IN A DAILY NET OF $1,000.00. SELECTIVELY MINED BETTER GRADE ORE SHOULD ADD ANOTHER $500 PER DAY NET. HI-GRADE ORE SPECIMENS ARE SHOWING IN MINE WORKINGS NOW.

THE PROPERTY WILL NEED EFFICIENCY ALIGNMENT SUCH AS : BETTER COORDINATED HAULAGE, HOISTING CAPACITY RAISED, STRONGER VENTILATION BLOWERS, ETC. THERE IS NO PUMPING CHARGE AGAINST THE PRODUCTION.

10. TENTATIVE ACQUIREMENT POLICY :

A). FORMATION OF A 1,000,000 STOCK COMPANY.

B). 500,000 SHARES LEFT UNISSUED AND NOT ON CALL IN THE TREASURY.

C). 250,000 SHARES UNISSUED BUT LABELED FOR SOME $75,000 OF SUBSEQUENT PRODUCTION SETUP AND OPERATIONAL CAPITAL.

E). 250,000 SHARES ISSUED FOR : 25% OF THIS BLOCK TO GO TO LESSEE-OPTIONEES. 25% TO J. H. WREN & COMPANY, AND 50% TO GO TO INDIVIDUAL OR GROUP SUBSCRIBING THE PROPERTY PURCHASE COST OF $25,000.

F). AS SOON AS A THREE TO SIX MONTH PROFIT AND LOSS STATEMENT IS AVAILABLE. THE CORPORATION SHOULD BE AUTHORIZED BY S. E. C. APPLICATION TO LIST WITH A NATIONAL EXCHANGE.

G). INITIAL INVENTORY VALUE OF THE ISSUED STOCK WILL BE LOW. THE INVENTORY AND PRODUCTION WILL SOON CREATE LEGITIMATE LONG RANGE VALUE TO THE SHARES ALLOWING PRIMARY SHAREHOLDERS EXCELLENT POSITION TO TAKE ADVANTAGE OF THE LONG TERM CAPITAL GAINS INTERNAL REVENUE'S INCOME TAX REGULATIONS.

H). TWO BOARD OF DIRECTOR SEATS TO BE OFFERED TO THE PRESENT LESSEES-OPTIONEES. LEONARD TRAMNOR, DEPUTY NEVADA MINE INSPECTOR IS ONE OF THE LEADING LESSEES. HE IS VERY CAPABLE AND WILL BE OF SOME CONSIDERABLE VALUE AS A MEMBER OF A NEW COMPANY'S PRODUCTION OPERATION.

I). TIME ELEMENT INVOLVED IN ORGANIZING A NEVADA CORPORATION IS ONE WEEK OR LESS FOR ABOUT $300-$350 INCLUDING SECRETARY OF STATE FEES, ATTORNEY FEES, CORPORATE SEAL, STOCK AND MINUTE BOOK AND FEDERAL STAMPS. THE WRITER HAS ORGANIZED FOR VARIOUS CLIENTS SIX SUCH CORPORATIONS WITHIN THE PAST FIVE YEARS.

11. SUMMARY :

THE SILVER OUTLOOK IS BETTER THAN ANYTIME IN U. S. HISTORY. IT IS HIGHER PRICED THAN AT ANYTIME SINCE 1873 WITH THE MARKET BEING $1.293 PER OUNCE. ELECTRONICS, FILM INDUSTRY AND SILVERWARE ARE THE MAIN USERS. THEIR DEMANDS ARE INCREASING DAILY. U. S. IS NOT PRODUCING AS MUCH SILVER AS INDUSTRY IS USING. FORMERLY FOREIGN SILVER CAME IN AS BYPRODUCT OF COPPER MATT, CONCENTRATES, LEAD PIG, ETC. NOW FOREIGN COUNTRIES REFINE THOSE PRODUCTS AND KEEP THE GOLD-SILVER. U. S. HAS BEEN LOSING GOLD SILVER RESERVES FOR YEARS AND IS NOW IN A VERY GRAVE SITUATION.

THIS PROPERTY CAN TREAT ITS OW N PRODUCTION POURING THE SILVER BULLION ON THE SITE, CUTTING OFF MANY COST ITEMS.

THE DISTRICT IS INTERNATIONALLY KNOWN. IF THE PRESENT KNOWN MINERAL HORRIZONS HAD BEEN DISCOVERED IN THE "BOOM" DAYS OF TONOPAH, THE PROPERTY WOULD HAVE BEEN PRODUCED OUT.

THE RISE IN SILVER PRICE AND MINING EQUIPMENT ADVANCE CREATES A CONDITION WHEREBY THE ECONOMIC CUT-OFF POINT IS NOW BETTER THAN DURING THE 1930S OF DEPRESSION YEARS.

VERY TRULY YOURS,
J. H. WREN & COMPANY

BY James H. Wren
JAMES H. WREN

PRODUCTION EXHIBIT :

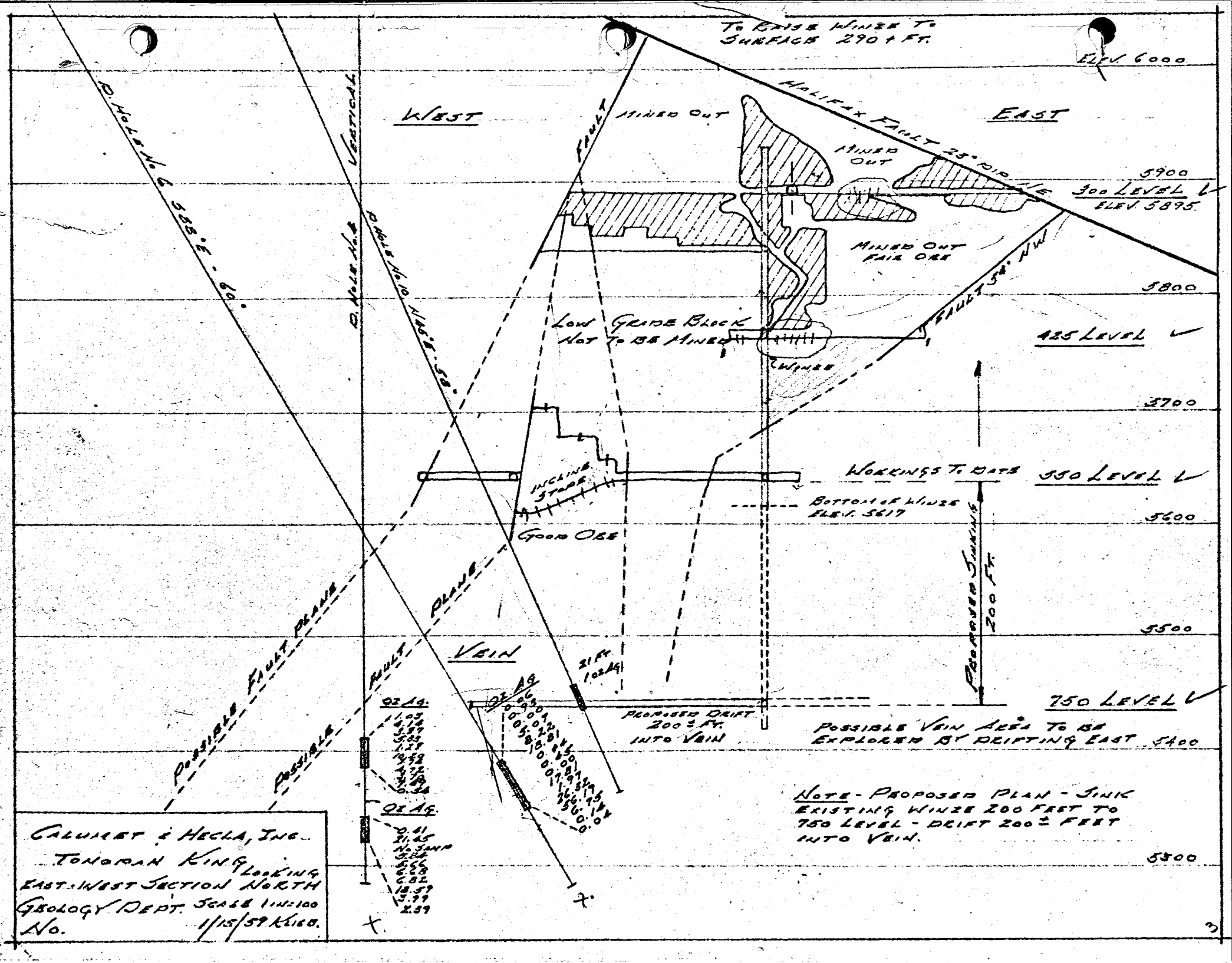
UNSELECTED CRUDE ORE MINED UP TO WIDTHS OVER 20 FEET. MILLED AT THE U. S. MILLING AND MINERALS CORP., SILVER PEAK, NEVADA.

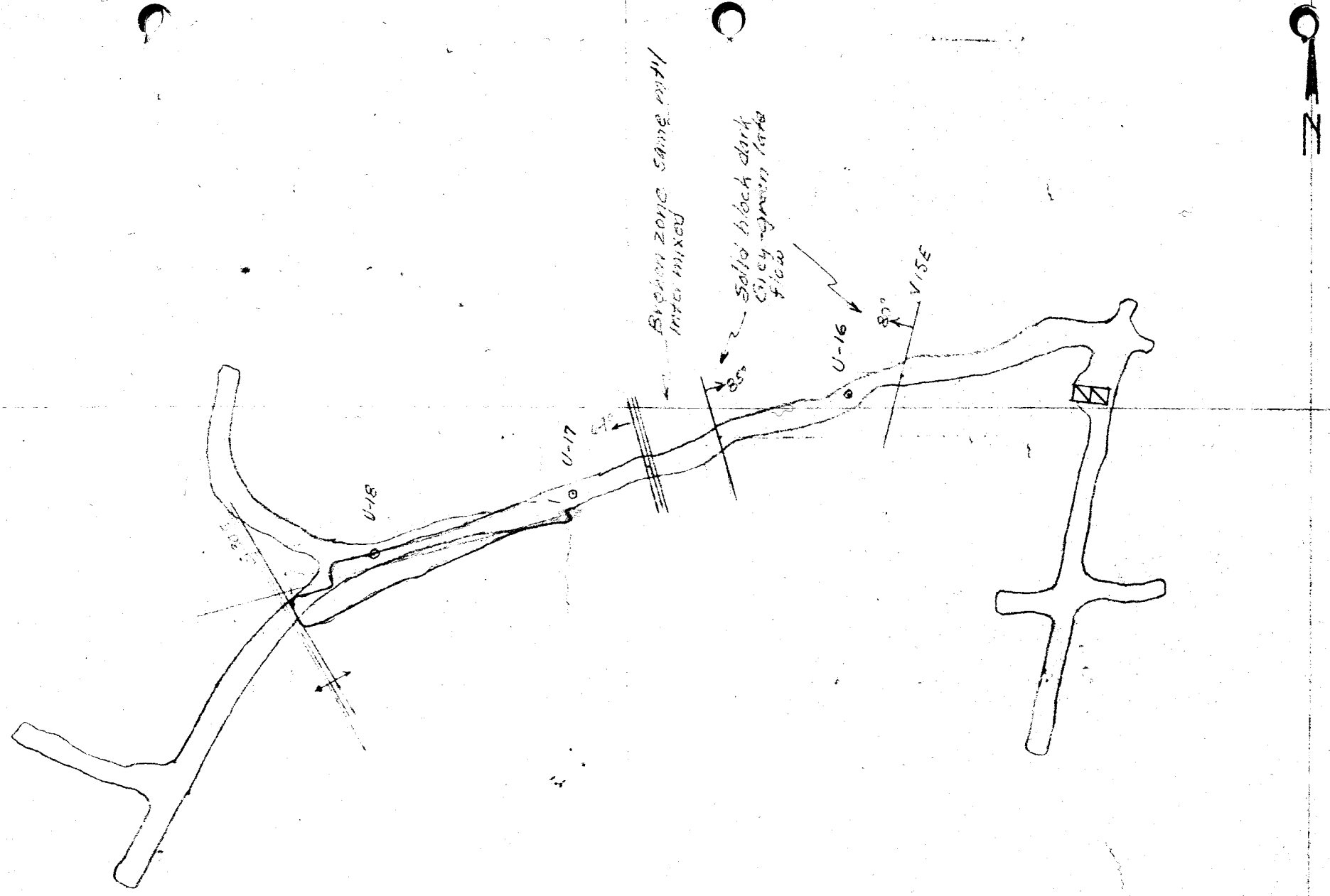
DATE	DRY TONS	OZ. GOLD P.T.	OZS. SILVER P.T.	TOTAL GOLD VALUE	TOTAL SILVER VALUE
11-'58	52.14	0.18	13.45	$ 328.48*	$ 999.63
12-'58	68.49	0.085	8.54	203.76	754.59
12-'58	99.55	0.12	10.50	398.11	342.90
1 -'59	104.87	0.16	11.37	587.27	1,438.13
2 -'59	176.75	0.138	10.64	810.68	2,426.10
3 -'59	339.57	0.09	8.12	1,069.64	3,555.30
4 -'59	347.87	0.119	10.96	1,448.88	4,908.19
5 -'59	456.35	0.17	15.62	2,715.28	9,193.01
6 -'59	723.56	0.09	8.52	2,279.21	7,962.03
7 -'59	571.43	0.11	10.71	2,300.01	7,894.82
8 -'59	736.04	0.097	10.72	2,498.96	10,177.96
9 -'59	421.15	0.129	12.01	1,901.49	6,523.61
10-'59	330.86	0.08	8.03	926.41	3,427.38
11-'59	136.71	0.125	10.82	598.11	1,918.06
12-'59	471.03	0.114	9.77	1,879.41	5,934.98
1 -'60	436.80	0.099	10.08	1,513.51	5,877.09
2 -'60	106.99	0.14	13.91	524.25	1,919.40
3 -'60	147.70	0.10	6.22	516.95	1,184.55
TOTALS:	5,727.86			$22,500.41	$76,437.73

TOTAL : GOLD AND SILVER VALUE.....$98,938.14

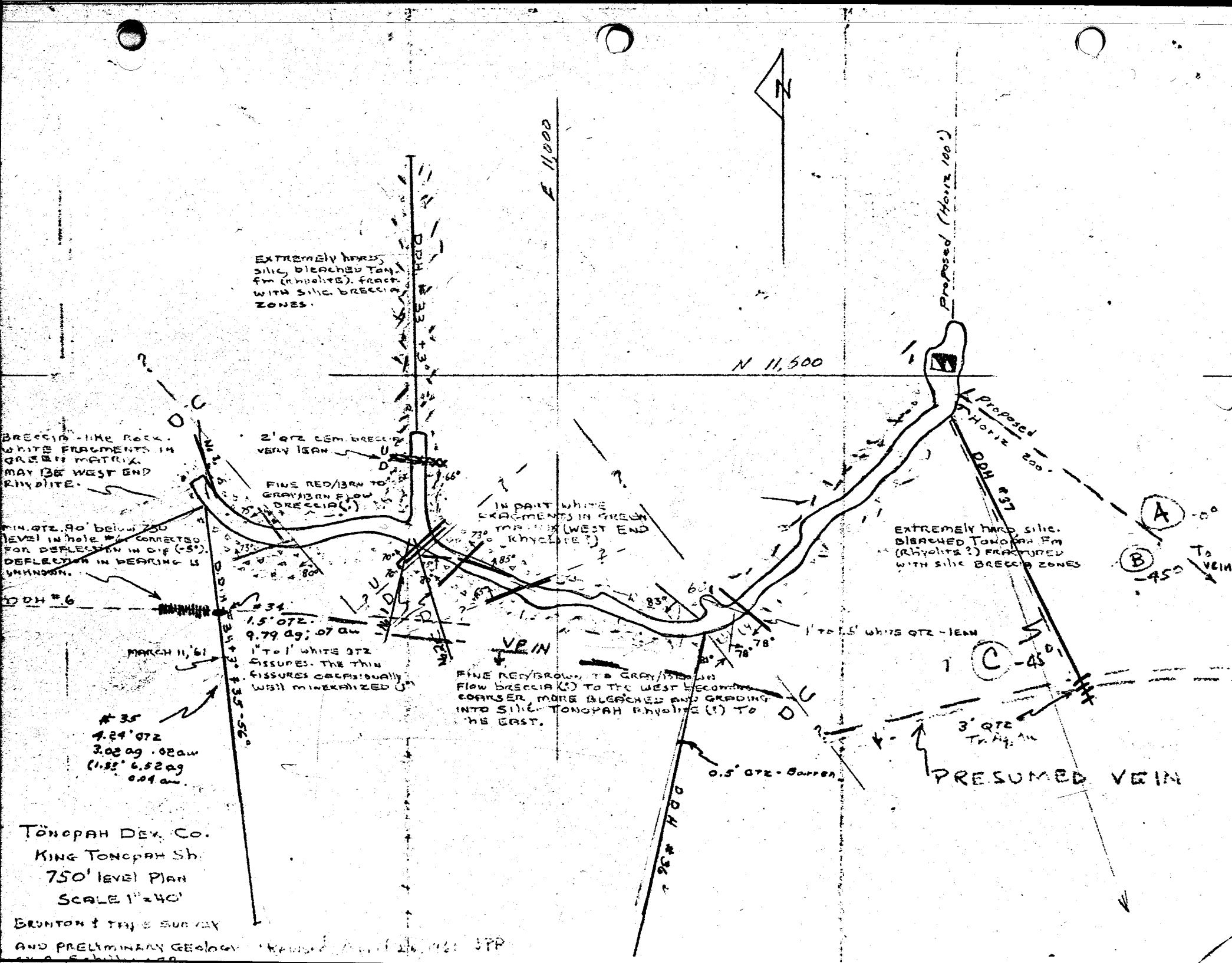
AVERAGE VALUE PER TON : $17.27

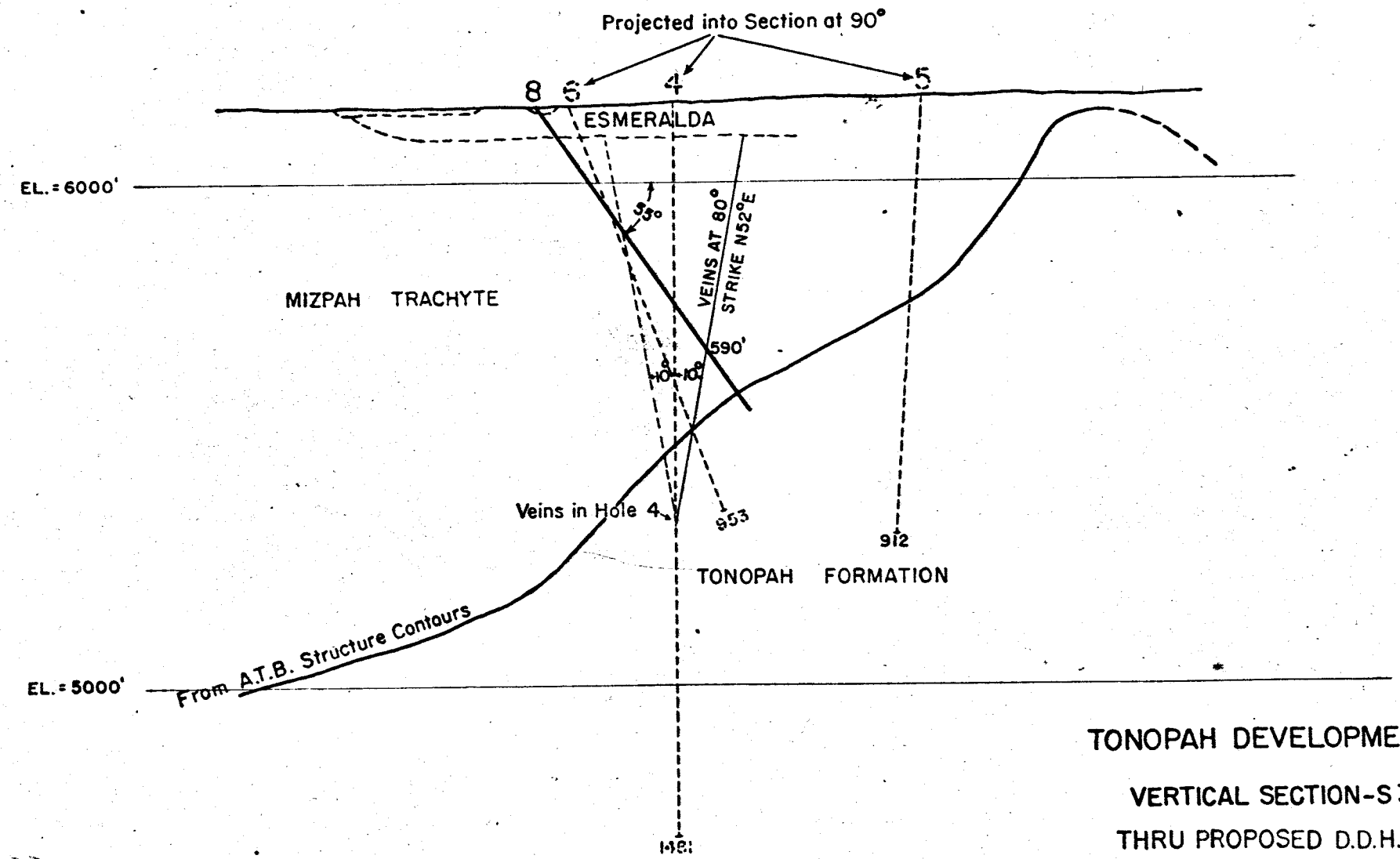
THIS GRADE CAN BE RAISED BY REDUCTION OF DILUTION FAR ABOVE THE $17.27 TON VALUE. WITH A MINIMUM GRADE CONTROL SET AT $25 PT, 100 TONS TREATED PER DAY SHOULD SHOW A $1,000 DAILY NET AT THE MINIMUM.


To Raise Winze To Surface 2901 Ft.
Elev. 6000
Halifax Fault 23° Dip
West
East
Mined Out
Mined Out
Mined Out Fair Ore
5900
300 Level
Elev. 5895.
5800
Fault 54° NW
Low Grade Block Not To Be Mined
425 Level
Winze
5700
Workings To Date
550 Level
Inclined Stope
Bottom of Winze Elev. 5617
5600
Good Ore
Proposed Sinking 200 Ft.
5500
Vein
Fault
Fault
Possible Fault Plane
Possible Fault Plane
Oz Ag.
Oz Ag.
Oz Ag.
21 Ft 1.02 Ag
Proposed Drift 200± Ft. Into Vein
750 Level
Possible Vein Area To Be Explored By Drifting East
5400
Note - Proposed Plan - Sink Existing Winze 200 Feet To 750 Level - Drift 200± Feet Into Vein.
5300
D. Hole No. 6 S55°E - 60°
D. Hole No. 8 Vertical
D. Hole No. 10 N46°E - 58°
Calumet & Hecla, Inc.
Tonopah King Looking East - West Section North
Geology Dept. Scale 1 in = 100
No. 1/15/59 Klieb.



TONAPAH KING
550' LEVEL


N
E 11,000
N 11,500
Proposed (Horiz 100')
Proposed Horiz 200'
DDH #33 +30°
EXTREMELY HARD, silic. bleached Tono. fm (rhyolite). fract. WITH SILIC. BRECCIA ZONES.
BRECCIA-like rock. WHITE FRAGMENTS IN GREEN MATRIX. MAY BE WEST END RHYOLITE.
2' QTZ CEM. BRECCIA VERY LEAN
FINE RED/BRN TO GRAY/BRN FLOW BRECCIA(?)
IN PART WHITE FRAGMENTS IN GREEN MATRIX (WEST END RHYOLITE ?)
MIN. QTZ. 90' below 750 level in hole #6 corrected for deflection in dip (-5°). DEFLECTION IN BEARING IS UNKNOWN.
DDH #6
#34
1.5' QTZ.
9.79 ag; .07 au
1" TO 1' WHITE QTZ FISSURES. THE THIN FISSURES OCCASIONALLY WELL MINERALIZED
MARCH 11, '61
#35
4.24' QTZ
3.02 ag .02 au
(1.35' 6.52 ag
0.04 au.
DDH #35 -56°
VEIN
FINE RED/BROWN TO GRAY/BROWN FLOW BRECCIA (?) TO THE WEST BECOMING COARSER, MORE BLEACHED AND GRADING INTO SILIC. TONOPAH RHYOLITE (?) TO THE EAST.
EXTREMELY HARD, silic. BLEACHED TONOPAH FM (RHYOLITE ?) FRACTURED WITH SILIC BRECCIA ZONES
1' TO 1.5' WHITE QTZ - LEAN
0.5' QTZ - Barren
DDH #36
DDH #37
3' QTZ Tr. Ag. Au
PRESUMED VEIN
A -0°
B -45° To VEIN
C -45°
TONOPAH DEV. CO.
KING TONOPAH Sh.
750' level PLAN
SCALE 1" = 40'
BRUNTON & TAPE SURVEY
AND PRELIMINARY GEOLOGY



TONOPAH DEVELOPMENT CO.

VERTICAL SECTION-S 38°E

THRU PROPOSED D.D.H. NO. 8

SCALE - 1" = 300' JANUARY 1949.

Form 51 2M

KENNECOTT COPPER CORPORATION

NEVADA MINES DIVISION

SETTLEMENT OF PURCHASED FLUX

DECEMBER Month, 1956

Name of Shipper: Leonard F. Traynor

Address: Box 384, Tonopah, Nevada

Shipping Point: Trucked to Smelter

Settlement No. 13

Name of Mine: TONOPAH KING

Location of Mine—Town: Near Tonopah, Nevada

County: Nye

Mine Owner: Tonopah Development Co., c/o M.A. Diskin, Pres., First Nat'l. Bank Bldg., Reno, Nevada

PAYMENTS—Trucking: Curtiss Cline, Tonopah, Nevada
49.39 Wet Tons @ $7.00 Per Ton $345.73
Plus 3% Fed. Transp. Tax 10.37 — $ 356.10

Royalty: Tonopah Development Co., c/o M.A.Diskin,Pres., First Nat'l. Bank Bldg., Reno, Nevada
25% Net Smelter Returns Before Transp. Chgs. — $ 578.11

Settlement: Leonard F. Traynor
Box 384
Tonopah, Nevada — $1,378.23

Date Sampled	Lot No.	No. Cars	Wet Weight Pounds	% H2O	Dry Weight Pounds	OZS. PER TON Au	OZS. PER TON Ag	% Cu	CONTENT Ozs. Gold	CONTENT Ozs. Silver	CONTENT Lbs. Copper
12-13-56	13	1	98,780	2.59	96,222	.49	44.56	---	23.6	2,144	--
TOTAL		1	98,780	2.59	96,222	.49	44.56	--	23.6	2,144	--
CONTRACT PAYMENT									97%	92½%	--
CONTRACT PAYMENT—CONTENTS									22.9	1,983	--

Class: Siliceous Flux

	Assay - Per Cent
Insoluble:	
SiO2	84.5
Al2O3	6.0
Base:	
Fe	1.9
CaO	0.1
MN	
Penalty:	
Moisture	
Sulphur	
CaO	
SiO2	

Rates subject to change without notice when not under contract or for a specified tonnage.

VALUES, TREATMENT AND FREIGHT CHARGES

22.9 Ozs. Gold @ $ 32.897 Per Ounce - - - $ 753.34
1.983 Ozs. Silver @ 90.975 ¢ Per Ounce - - - $ 1,804.03
Lbs. Copper @ ¢ Per Pound - - - $ --
GROSS VALUE - $ 2,557.37

Gross Value Per Dry Ton - - - - - - - - - $ 53.16

Treatment:
Rate Per Dry Ton - - - - - $ 6.316

Credits:
SiO2 24.5 @ 5 ¢ Per Unit $ 1.225

Penalties:
@ ¢
@ ¢ Per Unit $

Net Treatment Rate - - - - - $ 5.091
Net Treatment Amount - - - $ 244.93
Sampling and Handling - - - $ -- — $ 244.93
Value After Treatment $ 2,312.44

Freight—Nevada Northern Railway Co. (Bills attached) - - - $ --
NET SMELTER VALUE - $ 2,312.44

Adjustment—Prior Month Settlement - - - - - - - - - - - $ --
NET SETTLEMENT - $ 2,312.44

McGILL, NEVADA

DATE December 28, 1956

ComptDept-FLM/mt

KENNECOTT COPPER CORPORATION

Division Comptroller

Form 5. :-53 2M

KENNECOTT COPPER CORPORATION

NEVADA MINES DIVISION

SETTLEMENT OF PURCHASED FLUX

JUNE Month, 19 56

Name of Shipper: Leonard F. Traynor

Address: Box 384, Tonopah, Nevada

Shipping Point: Trucked to Smelter

Settlement No. 3

Name of Mine: TONOPAH KING

Location of Mine—Town: Near Tonopah, Nevada

County: Nye

Mine Owner: Tonopah Development Co.

Address: c/o M. A. Diskin, First National Bank Bldg., Reno, Nevada

PAYMENTS—Trucking: Curtiss Cline, Tonopah, Nevada
52.69 Wet Tons @ $7.00 Per Ton $368.83
Plus 3% Fed. Transp. Tax 11.06 — $ 379.89

Royalty: Tonopah Development Co.
First National Bank Bldg., Reno, Nevada
25% Net Smelter Returns — $ 668.20

Settlement: Leonard F. Traynor
Box 384
Tonopah, Nevada — $1,624.69

Date Sampled	Lot No.	No. Cars	Wet Weight Pounds	% H2O	Dry Weight Pounds	OZS. PER TON Au	OZS. PER TON Ag	% Cu	CONTENT Ozs. Gold	CONTENT Ozs. Silver	CONTENT Lbs. Copper
6-13-56	3	1	105,380	2.06	103,209	.52	48.91	---	26.8	2,524	---
TOTAL		1	105,380	2.06	103,209	.52	48.91	---	26.8	2,524	---
CONTRACT PAYMENT									97%	92½%	---
CONTRACT PAYMENT—CONTENTS									26.0	2,335	---

Class ~~Siliceous Flux~~

Assay - Per Cent

Insoluble:
SiO2 83.3
Al2O3 4.6

Base:
Fe 2.6
CaO 0.1
MN

Penalty:
Moisture
Sulphur
CaO
SiO2

Rates subject to change without notice when not under contract or for a specified tonnage.

VALUES, TREATMENT AND FREIGHT CHARGES

~~26.0~~ Ozs. Gold @ $ ~~32.897~~ Per Ounce - - - $ ~~855.32~~
~~2,335~~ Ozs. Silver @ ~~90.150~~ ¢ Per Ounce - - - $ ~~2,105.00~~
Lbs. Copper @ ¢ Per Pound - - - $ --
GROSS VALUE - $ ~~2,960.32~~

Gross Value Per Dry Ton - - - - - - - - - - $ ~~57.37~~

Treatment:
Rate Per Dry Ton - - - - - $ ~~6.737~~

Credits:
S102 23.3 @ 5 ¢ Per Unit $ ~~1.165~~

Penalties:
@ ¢
@ ¢ Per Unit $

Net Treatment Rate - - - - - $ ~~5.572~~
Net Treatment Amount - - - $ ~~287.54~~
Sampling and Handling - - - $ -- — $ ~~287.54~~
Value After Treatment $ ~~2,672.78~~

Freight—Nevada Northern Railway Co. (Bills attached) - - - $ --
NET SMELTER VALUE - $ ~~2,672.78~~

Adjustment—Prior Month Settlement - - - - - - - - - - - $ --
NET SETTLEMENT - $ ~~2,672.78~~

McGILL, NEVADA

DATE ~~June 27, 1956~~

ComptDept-FLM/mt

KENNECOTT COPPER CORPORATION

K W Crosser

Division Comptroller

Form 51 2M

KENNECOTT COPPER CORPORATION

NEVADA MINES DIVISION

SETTLEMENT OF PURCHASED FLUX

MAY Month, 19 56

Name of Mine: TONOPAH KING

Name of Shipper: Leonard F. Traynor

Location of Mine—Town: Near Tonopah, Nevada

Address: Box 384, Tonopah, Nevada

County: Nye

Mine Owner: Tonopah Development Co.

Address: c/o M. A. Diskin, First National Bank Bldg., Reno, Nevada

Shipping Point: Trucked to Smelter

Settlement No. 1

PAYMENTS—Trucking: Curtiss Cline, Tonopah, Nevada
46.98 Wet Tons @ $7.00 Per Ton $328.86
Plus 3% Transp. Tax 9.87 $ 338.73

Royalty: M.A. Diskin, President, Tonopah Development Co.
First National Bank Bldg., Reno, Nevada
~~Settlement~~ 25% Net Smelter Returns After Trucking $ 734.49 8468 819.17

Settlement: Leonard F. Traynor
Box 384, Tonopah, Nevada $2,203.47

2,203.47
8468
2,118.79 net
Adj Royalty

Date Sampled	Lot No.	No. Cars	Wet Weight Pounds	% H2O	Dry Weight Pounds	OZS. PER TON Au	OZS. PER TON Ag	% Cu	CONTENT Ozs. Gold	CONTENT Ozs. Silver	CONTENT Lbs. Copper
5-2-56	1	1	93,960	1.40	92,645	.72	63.97	--	33.4	2,963	--
TOTAL		1	93,960	1.40	92,645	.72	63.97	--	33.4	2,963	--
CONTRACT PAYMENT									97%	92½%	--
CONTRACT PAYMENT—CONTENTS									32.4	2,741	--

Class: Siliceous

Assay - Per Cent

Insoluble:
SiO2 85.3
Al2O3 4.0

Base:
Fe 2.7
CaO 0.1
MN

Penalty:
Moisture
Sulphur
CaO
SiO2

Rates subject to change without notice when not under contract or for a specified tonnage.

VALUES, TREATMENT AND FREIGHT CHARGES

32.4 Ozs. Gold @ $ 32.897 Per Ounce - - - $ 1,065.86
2,741 Ozs. Silver @ 90.350 ¢ Per Ounce - - - $ 2,476.49
Lbs. Copper @ ¢ Per Pound - - - $ --
GROSS VALUE - $ 3,542.35

Gross Value Per Dry Ton - - - - - - - - - $ 76.47

Treatment:
Rate Per Dry Ton - - - - - $ 7.000 Max.

Credits:
SiO2 25.3 @ 5 ¢ Per Unit $ 1.265

Penalties:
@ ¢
@ ¢ Per Unit $

Net Treatment Rate - - - - - $ 5.735
Net Treatment Amount - - - $ 265.66
Sampling and Handling - - - $ -- $ 265.66
Value After Treatment $ 3,276.69

Freight—Nevada Northern Railway Co. (Bills attached) - - - $ --
NET SMELTER VALUE - $ 3,276.69

Adjustments—Prior Month Settlement - - - - - - - - - - - $ --
NET SETTLEMENT - $ 3,276.69

McGILL, NEVADA

DATE May 15, 1956

ComptDept-FLM/mt

KENNECOTT COPPER CORPORATION

R W Crosier

Division Comptroller

No. 1 50 FT.

Vein 5' qtz at 27' — } 12 oz aq ?
Vein 9' qtz at 33' — } 12 au — !

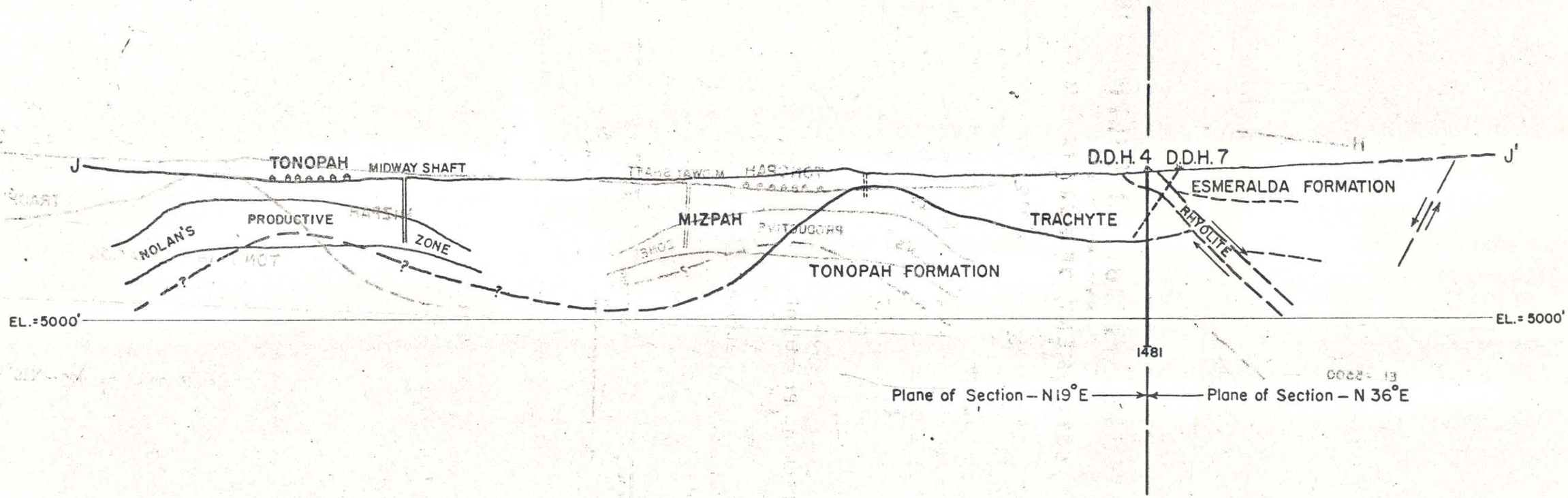
No. 2 Vein 5' qtz at 30' — } 10 oz aq ?
No 2 Vein 7" qtz at 49' — } 10 au. !

No 3. 30' — 12' of Breccia.

32 Sh
Tahoma 6c

27
+9
36

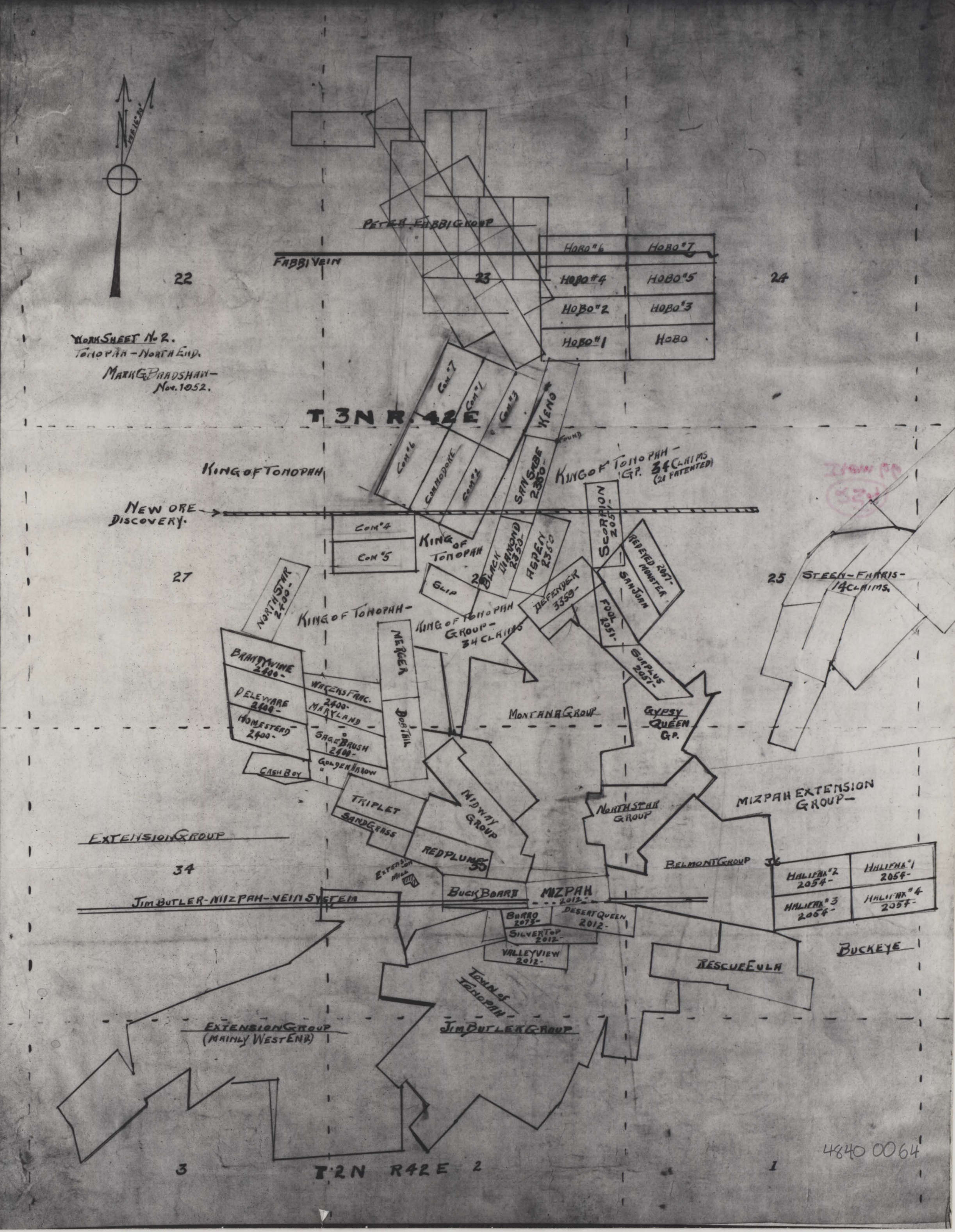
30
19
49

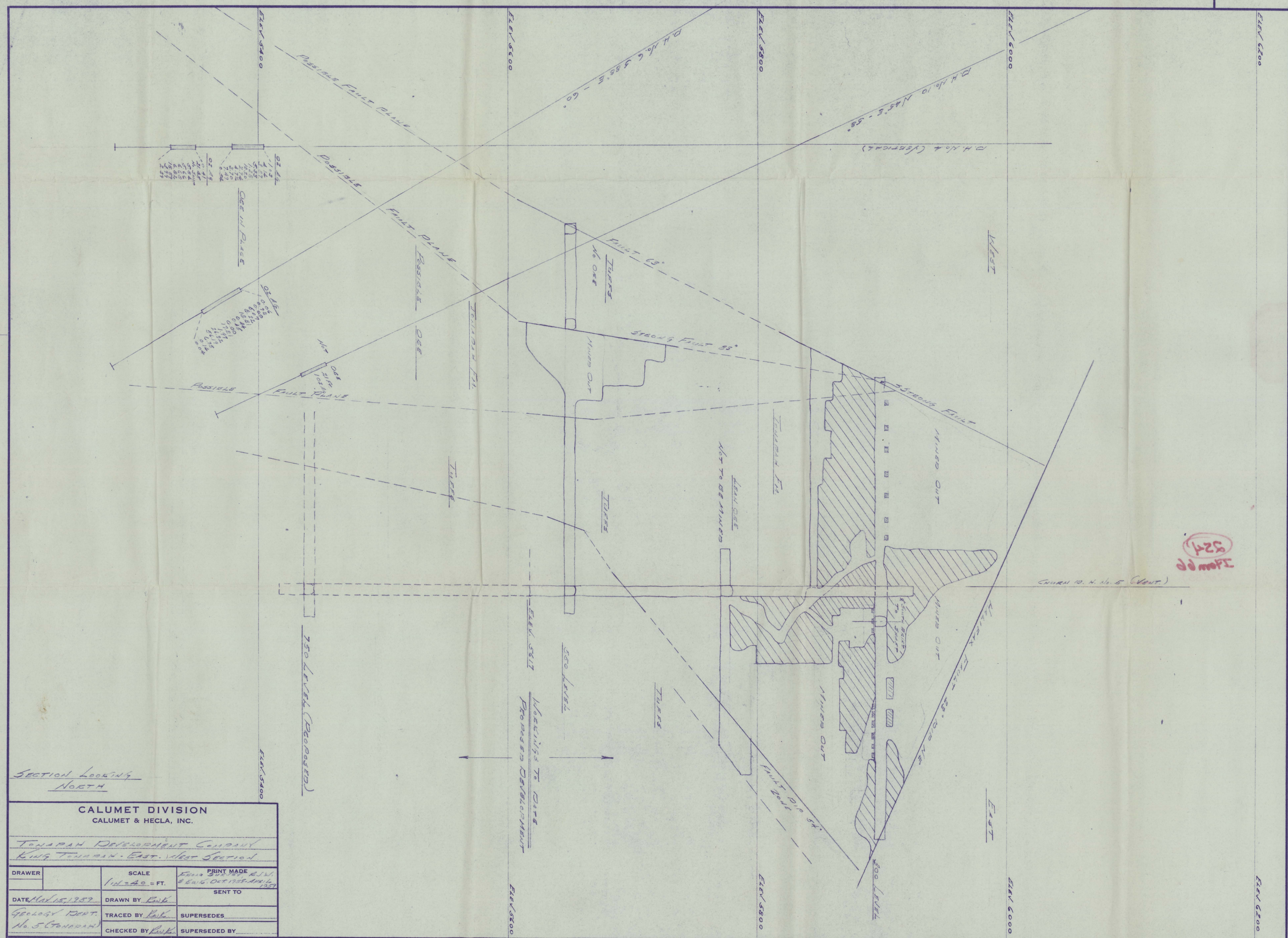


TONOPAH D

SEC

SCALE – 1"= 1


WORK SHEET No 2.
TONOPAH - NORTH END.
MARK G. BRADSHAW -
Nov. 1052.
VAR 16° 30'
T 3N R 42E
22
23
24
25
27
34
35
36
T 2N R 42E
3
2
1
PETER FABBI GROUP
FABBI VEIN
HOBO #6
HOBO #7
HOBO #4
HOBO #5
HOBO #2
HOBO #3
HOBO #1
HOBO
CON #7
CON #1
CON #3
KENO
CON #6
COMMODORE
CON #2
SAN SABE 2350-
FOUND
KING OF TONOPAH
KING OF TONOPAH - GP. 34 CLAIMS (21 PATENTED)
NEW ORE DISCOVERY.
CON #4
CON #5
KING OF TONOPAH
BLACK DIAMOND 2350-
ASPEN 2350
SCORPION 2051-
REPEYED 2051- MONSTER
SAN JUAN
GLIP
DEFENDER 3350-
FOOL 2051-
SURPLUS 2051-
NORTH STAR 2400-
KING OF TONOPAH -
KING OF TONOPAH GROUP - 34 CLAIMS
STEEN - FARRIS - 14 CLAIMS.
BRANDYWINE 2400-
DELEWARE 2400-
HOMESTEAD 2400-
CASH BOY
WACERS FRAC. 2400-
MARYLAND
SAGE BRUSH 2400-
GOLDEN ARROW
MERGER
DOG TAIL
MONTANA GROUP
GYPSY QUEEN GP.
TRIPLET
SANDGRASS
MIDWAY GROUP
NORTH STAR GROUP
MIZPAH EXTENSION GROUP -
EXTENSION GROUP
REDPLUME
EXTENSION MILL
BELMONT GROUP
HALIFAX #2 2054-
HALIFAX #1 2054-
HALIFAX #3 2054-
HALIFAX #4 2054-
JIM BUTLER - MIZPAH - VEIN SYSTEM
BUCKBOARD
MIZPAH 2012-
BURRO 2012-
DESERT QUEEN 2012-
SILVERTOP 2012-
VALLEYVIEW 2012-
BUCKEYE
RESCUE EULA
TOWN of TONOPAH
EXTENSION GROUP (MAINLY WEST END)
JIM BUTLER GROUP
4840 0064



CALUMET DIVISION
CALUMET & HECLA, INC.

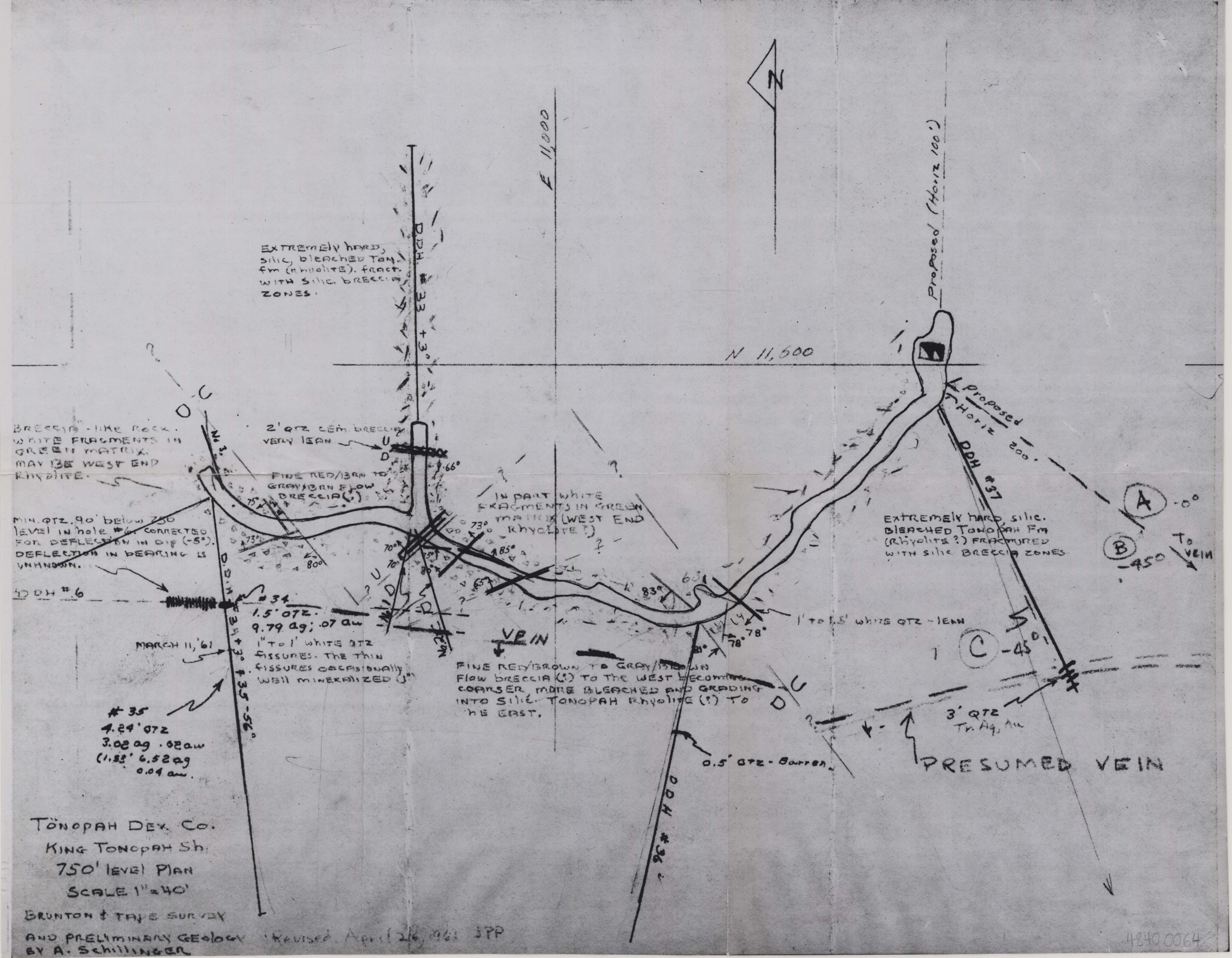
TONAPAH DEVELOPMENT COMPANY
KING TONAPAH - EAST - WEST SECTION

DRAWER	SCALE 1 in = 40 = FT.	PRINT MADE From 3 Aug 1959 RJW. & Rev. Oct 1958 - April 1959
DATE May 15, 1959	DRAWN BY Rich	SENT TO
GEOLOGY DEPT. No. 5 (TONAPAH)	TRACED BY Rich	SUPERSEDES
	CHECKED BY Rich	SUPERSEDED BY

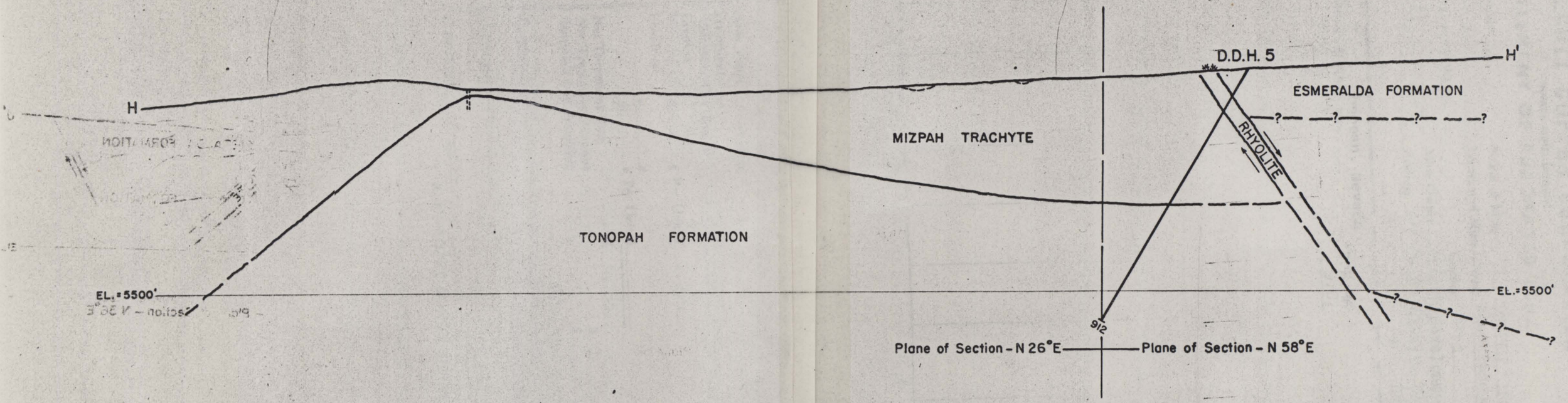
REV. A B C D E F G H I J K L M N

4840 0064

BRUNING 3 AUG 100-12-21


N
E 11,000
N 11,600
Proposed (Horiz 100')
Proposed Horiz 200'
DDH #37
EXTREMELY HARD, silic, bleached Ton. fm (rhyolite). fract. WITH Silic. BRECCIA ZONES.
DDH #33 +30°
2' qtz. cem. breccia VERY LEAN
U
D
66°
BRECCIA-like ROCK. WHITE FRAGMENTS IN GREEN MATRIX. MAY BE WEST END RHYOLITE.
No. 3
FINE RED/BRN TO GRAY/BRN FLOW BRECCIA(?)
IN PART WHITE FRAGMENTS IN GREEN MATRIX (WEST END RHYOLITE?)
MIN. QTZ. 9.0' below 750 LEVEL IN hole #6 CORRECTED FOR DEFLECTION IN DIP (-5°). DEFLECTION IN BEARING IS UNKNOWN.
DDH #6
DDH #34 +30° #35 -56°
#34
1.5' QTZ.
9.79 ag; .07 au
1" to 1' white QTZ fissures. THE THIN fissures OCCASIONALLY WELL MINERALIZED (?)
MARCH 11, '61
VEIN
FINE RED/BROWN TO GRAY/BROWN Flow breccia (?) TO THE WEST BECOMING COARSER, MORE BLEACHED AND GRADING INTO SILIC. TONOPAH Rhyolite (?) TO THE EAST.
1' to 1.5' white QTZ - lean
78°
#35
4.24' QTZ
3.02 ag .02 au
(1.33' 6.52 ag
0.04 au.
DDH #36
0.5' QTZ - Barren.
EXTREMELY HARD, silic. BLEACHED TONOPAH Fm (Rhyolite ?) FRACTURED WITH silic BRECCIA ZONES
A -0°
B -45° To VEIN
C -45°
3' QTZ
Tr. Ag, Au
PRESUMED VEIN
TONOPAH DEV. CO.
KING TONOPAH Sh.
750' LEVEL PLAN
SCALE 1" = 40'
BRUNTON & TAYE SURVEY
AND PRELIMINARY GEOLOGY
BY A. SCHILLINGER
Revised April 26, 1961 JPP

4840 0064



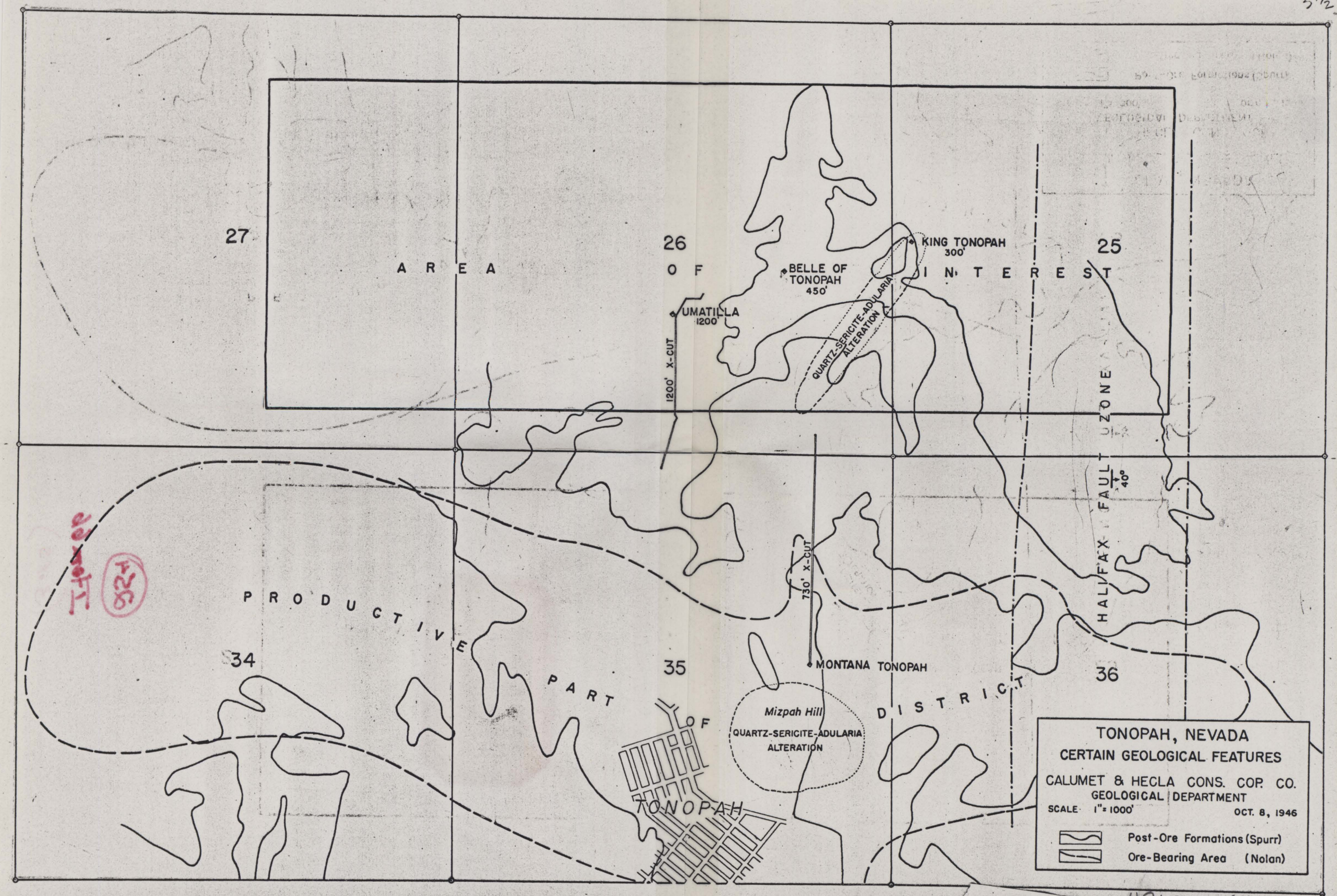
TONOPAH DEVELOPMENT CO.

SECTION H—H'

SCALE - 1" = 300' DECEMBER 1948

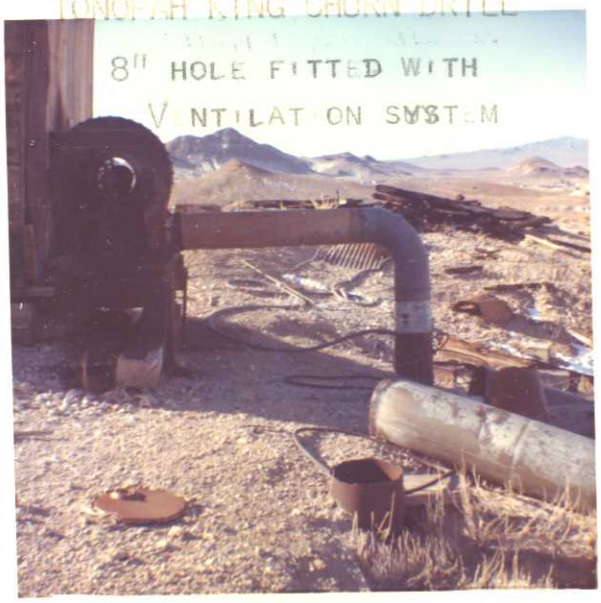
H.N.E.

4840 0064


27
26
25
34
35
36
AREA OF INTEREST
PRODUCTIVE PART OF DISTRICT
KING TONOPAH
300'
BELLE OF TONOPAH
450'
UMATILLA
1200'
1200' X-CUT
QUARTZ-SERICITE-ADULARIA ALTERATION
730' X-CUT
MONTANA TONOPAH
Mizpah Hill
QUARTZ-SERICITE-ADULARIA ALTERATION
TONOPAH
HALIFAX FAULT
40°
TONOPAH, NEVADA
CERTAIN GEOLOGICAL FEATURES
CALUMET & HECLA CONS. COP. CO.
GEOLOGICAL DEPARTMENT
SCALE 1" = 1000'
OCT. 8, 1946
Post-Ore Formations (Spurr)
Ore-Bearing Area (Nolan)

4840 0064

TONOPAH KING CHURN DRILL



FEB · 64 ·

TONOPAH KING DEVELOPMENT

FEB 64 ·

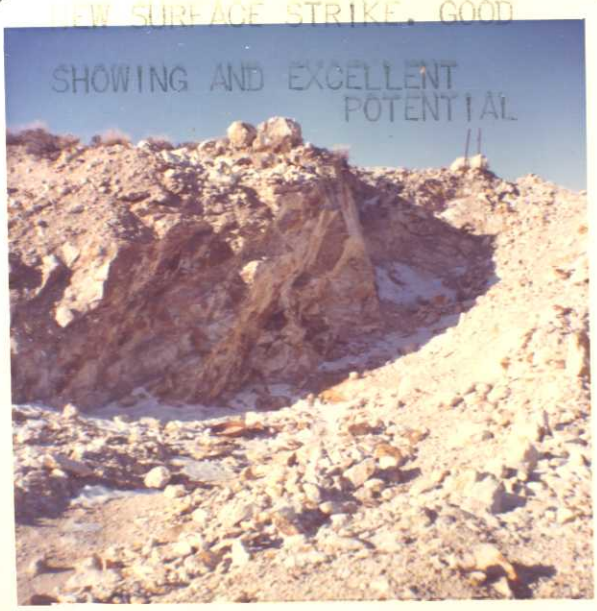
TONOPAH KING SHAFT

FEB 64 ·

TONOPAH KING HEADFRAME

FEB · 64 ·

NEW SURFACE STRIKE. GOOD



FEB · 64

NEW SEPARATE KING STRIKE

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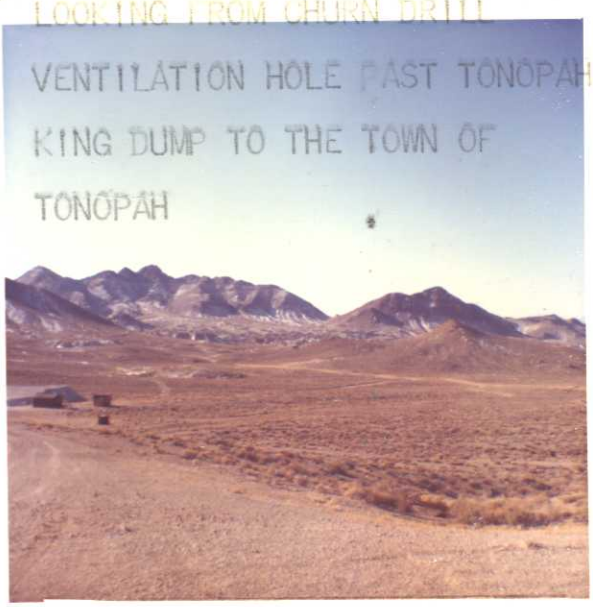
TONOPAH KING SHAFT & DUMP

LOOKING FROM THE TONOPAH SIDE

FEB · 64

LOOKING FROM CHURN DRILL

VENTILATION HOLE PAST TONOPAH KING DUMP TO THE TOWN OF TONOPAH



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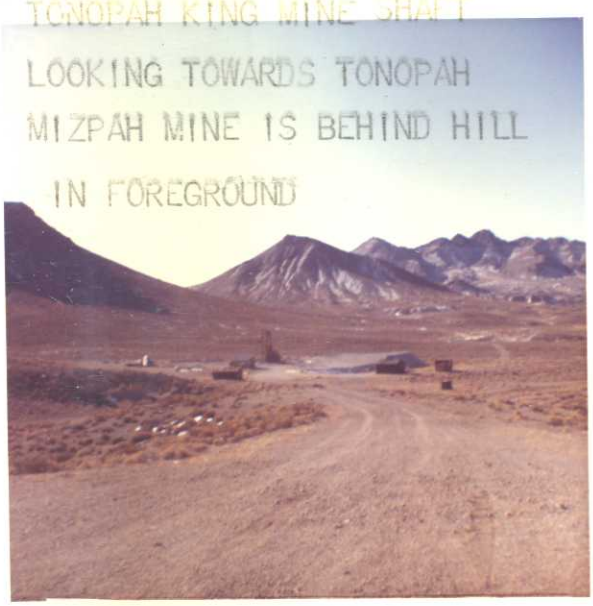
TONOPAH KING MINE SHAFT

LOOKING TOWARDS TONOPAH

MIZPAH MINE IS BEHIND HILL IN FOREGROUND



FEB · 64

k-m PLYEX® 4-ply protector #5DP811 pat. pend.