CONTACT INFORMATION
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Arizona Geological Survey
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Phoenix, AZ, 85012
602-771-1601
http://www.azgs.az.gov
inquiries@azgs.az.gov

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LF Doc 2 Pg 1

JOHN E. KINNISON
5115 N. ORACLE ROAD
TUCSON ARIZONA
85704

Consulting Mining Geologist
Registered: Arizona
California

(602) 888-4794

December 19, 1980

Reymert Extension Silver Mines
P. O. Box 1505
Williston, North Dakota 58801

Gentlemen:

I am informed that you are the owners of the Reymert claims in Pinal County, Arizona, located near Superior. I have enough information to suggest that these mines might still contain enough silver to be economically reopened, and I know of people who could be interested in leasing such a property.

If you do not intend to open the mines yourselves, I would be interested in leasing. If you would consider leasing them, have you set the conditions of a lease?

Sincerely yours,

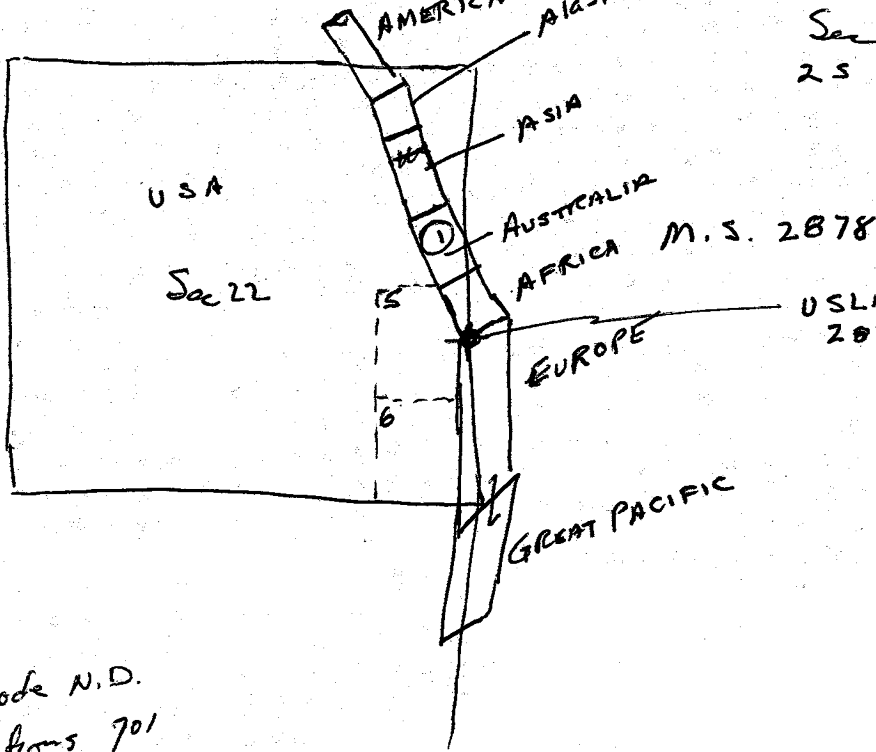
John E. Kinnison

JEK:sbc

LF-Doc 2 - pg 2

Reymert

Sec ~~15~~ & 22
2S 11 E



Area Code N.D.
All Locations 701

G

REYMERT EXTENSION SILVER MINES
P.O. Box 1505
WILLISTON N.D. 58801

Dock 819 P 933 4/22/76

For Consid of 10 dollars & other val consd., Control Metal Corporation, a Utah Corp, hereby quit-claim to Reymert Extension Silver Mines, An Ariz Corp, all right, title or interest in the following real proper Pinal Co Az:

Certain Patented mining claims described as follows:
"America .... etal to Great Pacific - patented lode min cl designated by Survey No 2878A etc according to the Patent Recorded March 21, 1914, in Book 1-A of Mining Deeds, page 236, Pinal Co Recorders Office.

1/30/80 Telephone Call
Geo M. Hill Corporate Agent
Attorney Phoenix Az

Repayment Extension
owned by Geo Resources Inc Williston ND
PO 1505 58801 701-572-8701
President RC Vickers - poor health, has been succeeded by another president.
They have had several offers and have turned them to deferred status on grounds that "they are doing metallurgical testing to see what best method is to treat ore".

/ Ag yesterday $12.73/oz

Corporation Info
255-4146

Statutory agent
George M. Hill
34 W. Monroe
Suite 512, Phx 85003

258-7523

Xerox #1

Reynert Mine

J. E. K.
OCT 21 1970

Litigation in court following Effluw and rejection by AS&R.

DeVoe and McGinnis died - Executor refused to recognize Seel's lease. Verity represented Seels' one, won trial in Florence.

Rejected property for Kaiser on same basis as for AS&R. - The diorite is proven to terminate the vein at a shallow depth.

Follow up with w/ letter

AMERICAN SMELTING AND REFINING COMPANY
Tucson Arizona

April 10, 1969

FILE MEMORANDUM

Reymert Mine
Pioneer Mining District
Pinal County, Arizona

The subject property southwest of Superior, Arizona, was brought to our attention by Charles P. Seel, who held an option to purchase from the owners in 1965. Following a brief inspection, I concluded that the vein, which was both long and wide, offered the possibility of low-grade silver mineable by relatively cheap underground methods. In the course of the following examination considerable information was gathered, and is here set forth for the file. The property was rejected by me in a letter to Mr. Seel of July 21, 1965, on the basis that old drilling results which we had obtained at the end of the examination showed that the vein did not continue in depth.

Data placed herein on file includes correspondance, penciled notes by myself, and maps. Also, large maps are filed in a rolled file in the drafting room.

My initial examination indicated that, of 6,000 ft. of strike length, the north half of the Reymert vein appeared to represent a single, more or less continuous, vein of approximately 25 ft. or greater width. Thus it was possible to conceive of sufficient tonnage from this portion of 3,000 ft. of strike length. The southern half of the vein was split by a dacite intrusive and also appeared as individual strands instead of as a single vein. An examination proceeded first to determine the exact length and width, by measurement of the vein on the surface. This was done by Mr. Luning, who's maps are appended. The length as measured was 2802 ft., and the average width was 34 ft. Projection of this length and width downward indicates approximately 5 million tons would be developed in 625 feet. The Alaska shaft and the Todd shaft were both accessible and were examined by Mr. Sell and Mr. Luning. The underground workings were sampled as well as the trenches on the surface. When this work had been completed it was apparent that low values in silver were spread throughout the vein.

At this point we requested from Eagle Pitcher their data from an examination made in 1937. We received with this data the results of the original work on the Alaska shaft by the Gunn-Thompson interests (Lincoln Issues Co.). This showed conclusively that the vein, although it was 70 ft. wide at the surface at the Alaska shaft, abruptly fingered out into thin stringers upon contacting diorite below the 200 level. This contact and the cross-cut from the bottom of the shaft are now under water. Drilling done in 1919 by the Gunn-Thompson interest also indicated that the values did not persist downward into the diorite. The most recent exploration, by Phelps Dodge, also indicated this to be the case. Accordingly, the project was dropped by ASARCO at this point.

John E. Kinnison

JEK:ir
cc: JHCourtright without/att.

July 21, 1965

Mr. Charles P. Seel
3051 N. Sagenhen Court
Tucson, Arizona

Dear Mr. Seel:

This letter will confirm our telephone conversation of the 19th in which I told you that Asarco could not continue with further examination of the Reymert Mine. As you quite well know, I had been attracted by the extraordinary length and width of the vein as it appears on the surface; as had many people before me been similarly impressed. We now have completed mapping of the surface, and underground workings which are accessible, and have received information on the Magma drilling as well as data pertaining to the 400 level Alaska Shaft cross cut. All of these data indicate that there is a large mass of diorite slightly below the 200 level (Alaska Shaft), and that the vein does not extend downward along its projection into the diorite with the same width and grade as it has in the overlying schist. The drilling done by Phelps Dodge has demonstrated that the same diorite is present near the Tod Shaft (or Winze Shaft), and that their holes also failed to pentrate the vein.

It is my opinion at this point that the risk involved, and in consideration of the large expenditure which would be required to explore the vein at depth in the diorite, is too great when measured against the potential tonnage available. Other people may hold different views and I wish you luck in your efforts to promote the property.

I have not yet completed my report, but by the time you return from your trip during August I will have done so, and as I told you on the phone we now have some data in which you probably would be interested. You are welcome to go over this information with me here in the office upon your return.

Very sincerely yours,

John E. Kinnison

JEK/ce
cc: JHCourtright

To Kunnion

Date 7/20/15 Time 1:30

WHILE YOU WERE OUT

M Chuck Seel

of

Phone

Area Code Number Extension

TELEPHONED		PLEASE CALL	
CALLED TO SEE YOU		WILL CALL AGAIN	
WANTS TO SEE YOU		URGENT	
	RETURNED YOUR CALL		

Message Wants a letter for his files to confirm that you turned down the Payment property

Operator

July 20, 1965

Mr. D. C. Brockie, Chief Geologist
The Eagle Picher Company
Chemicals and Metals Division
P. O. Box 910
Miami, Oklahoma 74354

Dear Mr. Brockie:

This will acknowledge receipt of your letter of July 12, 1965, accompanied by the Final Fowler Staff Report and the Magma Diamond Drilling, both on the Reymert Silver Mine.

The information in these reports proved to be quite conclusive in respect to the lack of ore potential at depth along the Reymert vein. Accordingly, we wish to express our appreciation for the loan of these reports. They have enabled us to quickly terminate what has been a rather long and involved study.

The above mentioned reports are enclosed with thanks.

Yours very truly,

J. H. COURTRIGHT

JHC/kw
Enclosure
cc: George Fowler

July 8, 1965

Mr. D. C. Brockie, Chief Geologist
The Eagle-Picher Company
Chemicals and Metals Division
P. O. Box 910
Miami, Oklahoma 74354

Dear Mr. Brockie:

We acknowledge with thanks your letter of July 2 regarding your file information on the Reymert Silver Mine.

We will be happy to accept your offer to loan us certain items from your file on the mine, as follows:

1. The Final Fowler staff report dated May, 1937, Reymert Mine.

3. Magna Diamond Drilling, including sections, Reymert Mine.

We understand that the ore is difficult to treat and good recovery cannot be expected; however, we would like first to determine if the tonnage potential is large enough to be of interest. Therefore I have omitted item #2 from the above list.

Yours very truly,

Original signed by
J. H. Courtright

J. H. COURTRIGHT

JHC/pjc
cc: JEKinnison

Check up - Babe
Forbach re
arraying on
Report.

624-2848

Gate of Twin Buttes

Memo 6/1/65

Chase to Salter

Segregation process.

may be used satisfactorily on refractory Ag-Au ores. Asarco has not tested but references cited in British patents.

Direct fired rotary kilns with mixture of gas.

Direct cost about $2 per ton or 2¢ ore

Chg. P. Sec C
Pg.

3051 N. Sagebhen Ct.
298 - 4277
Tucson

Discontinued
11/1/80
JJR

Infor on Reymart

Average width 34 ft
Length over 2802 ft

Area = 2802′ x 34′ = 95,268 ft.²

Assume 12 ft³/ton

$$\frac{95,268 \times 1}{12} = 7,939 \text{ tons / ft. depth}$$

Assuming uniform width to depth:

TONS AVAILABLE TO DEPTH

DEPTH (FT.)	TONS
500	3,969,500
600	4,763,400
625	4,961,875

NPW

7/19/65 - Phoned Sed. Told about receiving the Eagle P. Data and my interpretations, and that we would have to turn it down.

6/8/53 Talk w/ J. Sell

J. Sell - Tod Shaft topping started

pressure between 250 - 300

Water has been up to 300'. Timbers "punky" along the water contact zone.

No press below 300 (No mining).

Air stuffy below 300'

More silica in massive bands on 400 level.

The massive silica bands does not on surface go down

No X-C to walls on 200

1 X-C on 300 - partly caved - width 25' plus unknown on West (X-C went E.)

Water in DDH in bottom of shaft. had water @ 10'.

At least 2 sets (6') below 400 level. filled partly.

Also a drift on 200 level - old

AMERICAN SMELTING AND REFINING COMPANY
Tucson Arizona

June 30, 1965

TO: J. E. Kinnison

FROM: N. P. Whaley

Access, Sounding, and Total
Depth of the Alaska Shaft
Reymert Mine, Pinal Co., Arizona

At your request Mr. Robert Luning and I visited the Alaska Shaft of the Reymert Mine on June 24 to determine the nature of access to the collar and sound and establish total depth of the shaft.

Access should be no problem. A dimensioned sketch illustrates the approach to the north side. Should more room be required the approach to the south side could be used. As you know, the head frame extends to the south of the collar and there is old tramming track still in place. The head frame should in no way create an obstacle and the track is almost all loose... most likely easily removed by prying with a steel bar.

The steel cage is secured by simply being hooked to a 7/8" rod or ring bolt with a 1 7/16" nut through a steel strap on the wooden head frame. The hole in the bottom of the cage is 5 3/4" in diameter. If it should have to be enlarged, a cutting torch would be recommended.

A cylindrical brass weight 1 1/2" ± in diameter and 12 1/4" in length was suspended on a calibrated wire and used to determine depth to water from the edge of the hole in the bottom of the cage (which corresponds approximately to the shaft collar elevation) and the total depth of the shaft.

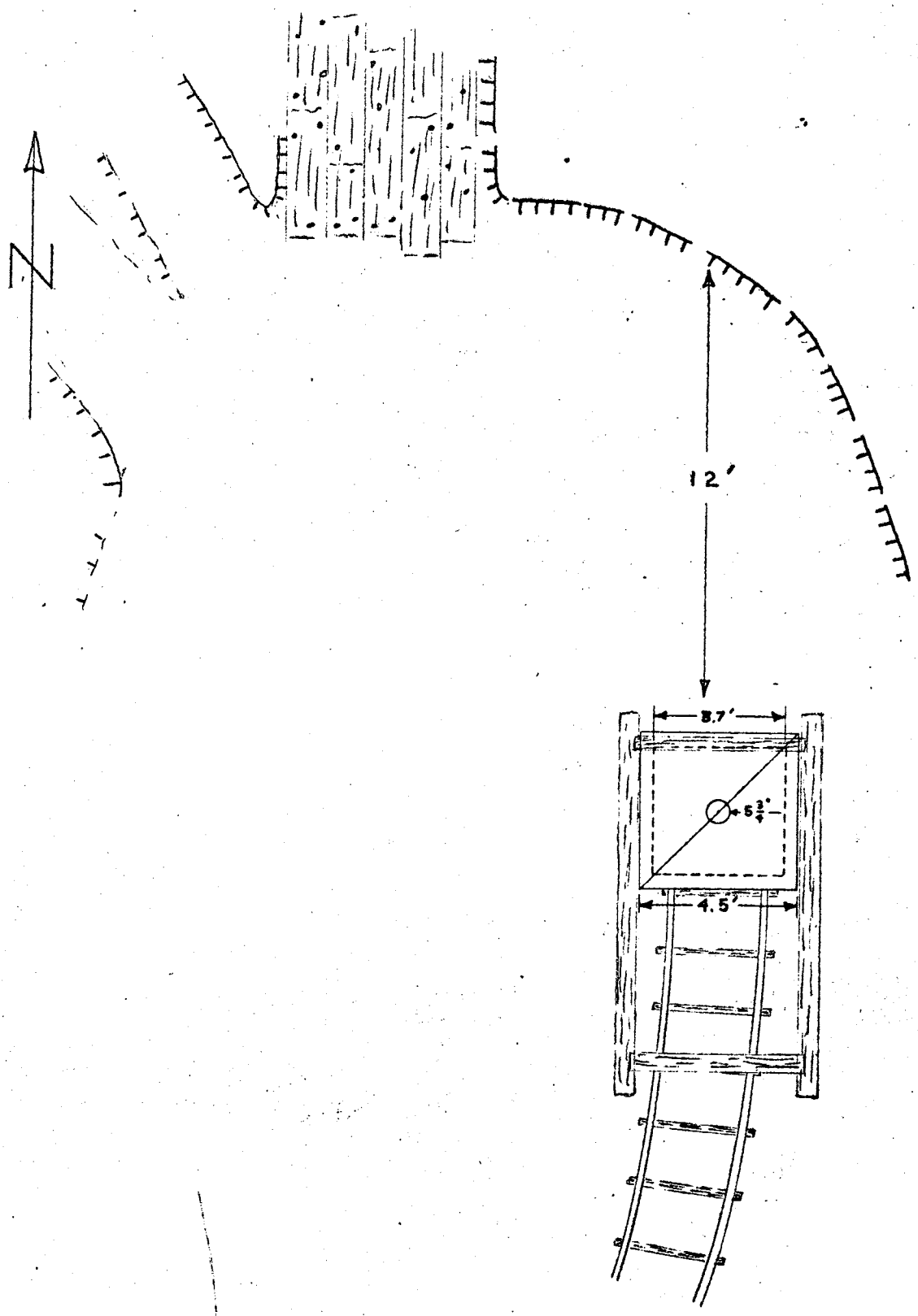
Measured depth to water was 233 feet. The weight was lowered slowly and did not encounter any obstruction until it bottomed firmly. Four individual measurements, each separated by a number of minutes, were made. These measurements indicated depths ranging from 409.1 ft. to 410.2 ft. Since the weight was probably swinging in a small circular path during the intervening periods agreement such as this should represent bottom without question.

Considering the apparent condition of the shaft timbering above the water level and the absolute ease with which the weight went down (and was withdrawn) you should have no trouble lowering and retrieving a television camera.

N. P. Whaley

N. P. Whaley

NPW/ce
cc: RHLuning w/attach



ALASKA SHAFT, REYMERT MINE

PINAL CO., ARIZONA

6-24-65 NPN

NOT TO SCALE

Ted Conklin

Hanson pump.

Continuous view on monitor
or also pictures (polaroid)

Classed as hazardous.

30 000 replacement.

Can be insured —

Lloyds (N. W. Underwriters ~~Ins~~ agency in
3015 E Thomas Rd
264-6508

agent (Burns & Hamelsan
4731 N. Central Ave.
266-4411

Dia / camera 6"

550 – 600 in amount. —

Rough estimate 230 dry - 170 feet in
water. They can plumb first
but would like to wait for water to
settle clear.

Notes ~~[illegible]~~ on depth of ox. and mineralization

P. D. logs note cpy and py in qtz veins beginning about 1000 feet below surface, but also not earthy red hematite much below that.

The main vein is likely pre-laccolith in age, has been exposed to possible deep oxidation conditions, and its vuggy laminated structure would allow deep ox. Nodules of galena are not ~~[illegible]~~ diagnostic. They are up in the ox zones as remnants.

Primary ~~sulphides~~ minerals of the vein will be pyrite, chalcopyrite, galena, sphalerite, silver as argentite in galena, or separate, possibly stromeyerite, and freibergite. Also may find Rhodochrosite, calcite, and barite and quartz.

June 1914

Historical pg 1

6-14 Gunn-Thompson has sunk to 430 feet and connect. "The showing is not such as to warrant a continuation of sinking..."

5-14 @ 400' and still sinking.

Thomas Tighe is superintendent.

4-14 @ 350' with 150 gall per min.

12-13 a Cameron No 7 sinking pump in use. (~~From Peele 1st ed~~ 1918. p 2104. Cap'cty @ ordinary speed 50 gpm. ~~7" steam cyl Dia.~~)

(News clippings A. Bower Minneapolis)

A. C. Hall phone conversation. Commercial rating No 5 and No 7. These were small pumps. probably would be used for 100 gpm or less.
4/28/65

Plan to sink to 500 ft.

Bud (W. F.)
~~Bob~~ Walker — Pioneer Hotel
Rm 316.

6-22-6441

Phelps Dodge

- 5-6 oz Ag and 2-4% Pb — Reported by Seal

have it sent to New York get the drill results.

1 & 2 holes did not penetrate No 3 hit hanging wall and ~~stopped~~ stopped.

Topo available

R1 4077
R1 4097
R1 A117
R1 5024

Mr-Ag check

Phone talk w/ Walker 3/19/65

Think old stope sec. encnch. stopped at 200' level (Alaska) at water table.

Seal Vein will go 5 oz Ag and 2-3 % Pb.

3 hole got into quartz stringers at depth right for hanging wall side.

~~34~~ get
~~35~~ 15

Phone from Walker 3/23/65
Cannot release info - will get to seal next week.
Will send Hoz Min Rec Assays.

holes 500 feet from vein aiming at 1500 foot depth

Interview with Albert Fortsch 3/17/65

Brother of W. J. Fortsch.

He operated W. J. 1925 and 26,

Best ore see from mines - 18-20 ounces.

Cut 11 oz 13 g. Hard to mine,

Always wants an engineer on shift to mine

grab. Never mined beyond cut. 4th.

Ore "spotty". Values played out in depth.

Best ore above 160 level on Alaska.

No knowledge of water in any drifts.

No 6 - Says grand "Fern" vein entered

Lying Flag vein like. Running parallel

part of Fern. Especially on north

in hanging wall. Many cave-ins.

Long tunnel (N-S) on Victoria Hill and

some speed 26 ore - mostly tunnage.

Lucky Jones was Mexican killed

by Yes - Gunn - Tompkins people behind

Magma.

"Fern" probably good for ore -

Hanging on adjoining property Attack

1937 Reymert Mng Co 185' deepest shaft.

~~Data from Mines Handbook~~
~~Sell 294-6043~~

~~therefore E. Pitcher exam prob only in upper 200 feet.~~

Albert Forbach - Casa Grande,

related to W. J. Forbach who operated Reymert.

See comment on Roasting E&MJ articles and Tariff Mines

Manual of Cyanidation
E. M. Hamilton 1920

"As a general rule, however, when oxides of manganese are present in a silver ore trouble may confidently be expected." p 163.

The silver may in part be tied up as unknown Ag-Mn oxides, according to Hamilton. Geo. Roseveare holds this opinion also w/ respect to the Reymert ore.

A chloridizing roast to liberate is expensive.

Passing the mill pulp with SO_2 has been otherwise unsuccessful, and entails less expense than Roasting.

~~15.6 by station~~ Seel —

about 1885 to 1946

174,987 tons @ 15.6 oz ave

Total 2,730,667 oz

Tons ext before 1925 @ 18000 @ 23 oz

Total 416,904

Since 1937 —

Began 1938 —

	15,195 Tons	246,603 oz	16.23 oz/Ton
	20 908	242,499	11.60
	20 609	212,264	10.30
	9 147	91,662	10.02
1941	8 057	121 215	15.04
	2 980	37 251	12.50
	1 454	19 072	13.12
	11 366	170 490	15.00
	12 568	186 287	14.82
	102 284	1,327,325	

ave 13.0 oz/Ton

Eagle Pitcher in 1937

"estimated 100,000 tons of ore ave agency 11.5 ounces of Ag plus 200,000 tons of prob. ore ave. 8.0 ounces silver"

Seel.

Production, to 1946 by Seel taken from G. M. Colvocoresses

Homer Evans } U.S. Bur Mines 623-7731
or. Bill Kenny } 1724 N. [redacted] Vine

(Salt Coke roast (Segregation)
experiments. Convert to Ag metal. Eflow.)

→ EEMS Ap 1963. - Cyanidation. —
and salt Roasting.

R. J. Mellen of Asarco
400 Tpd (metric ton) 1943
Cost #2.34.
Ore 2 gm Au 500 gm Ag / metric ton
4-5 % Manganese.
Refractory ore raised to 87% Rec of Ag

~~RB.~~ R.I. Romslo #6 4097 July 1947

Study of Mo Ag Ores.

~~DMEA~~ OME interested in Base Metal only.

turned down for that reason (lack

of Ag) No other info.

[From letter by Colvocoresses. Alaska shaft sunk to 410' 1913-14. Drilling (7 DDH) 1919-20]

From R.I. 4097

Cyaniding w/ and w/o ~~Mn~~ (SO_2) leach, gave very poor recov. about 20%. Same for flotation. Test on sample running 16 oz/Ton Ag.

according to publication but probably was Tod shaft

Channel sample on 300 level (Alaska shaft)

No 9204 " 30' ~~between~~ across zone between high grade veinlets ". 1.3 oz

~~No 9204~~ .5

9205 do

9204 do .3

Question: did they leave out all veinlets, or cut across ~~both~~ between the HW & FW veins? Are the 3 samples on the same X-cut or face?

Seel became into Report 1 1960

Ronslo expert ~~1926~~ 1946 Bureau Mine
May have Jorolemon Report.
Turned down for ~~DMEA~~ OME. (by Ronslo)

Lyn Harvey's Report was summary.
No detailed assays.
P.D. obligated to turn over data on
Recent drilling.
Has not seen Jorolemon report.
No Knowledge of primary Sulfides
Thinks rock between vein 2-4 oz
Near surface.
~~Walker~~ Walker at Douglas (PD)
says whole thing go 4% Pb.
Alaska shaft workings open down to 300'

~~Bar~~

Fred Bennett (Dead)

— Financed by

De Vaux. probably

during the '40's.

B.S. Butler made

a report -- probably

for Bennett.

Phone Call w/ Seel

7/26/65

Old lease and option cancelled.

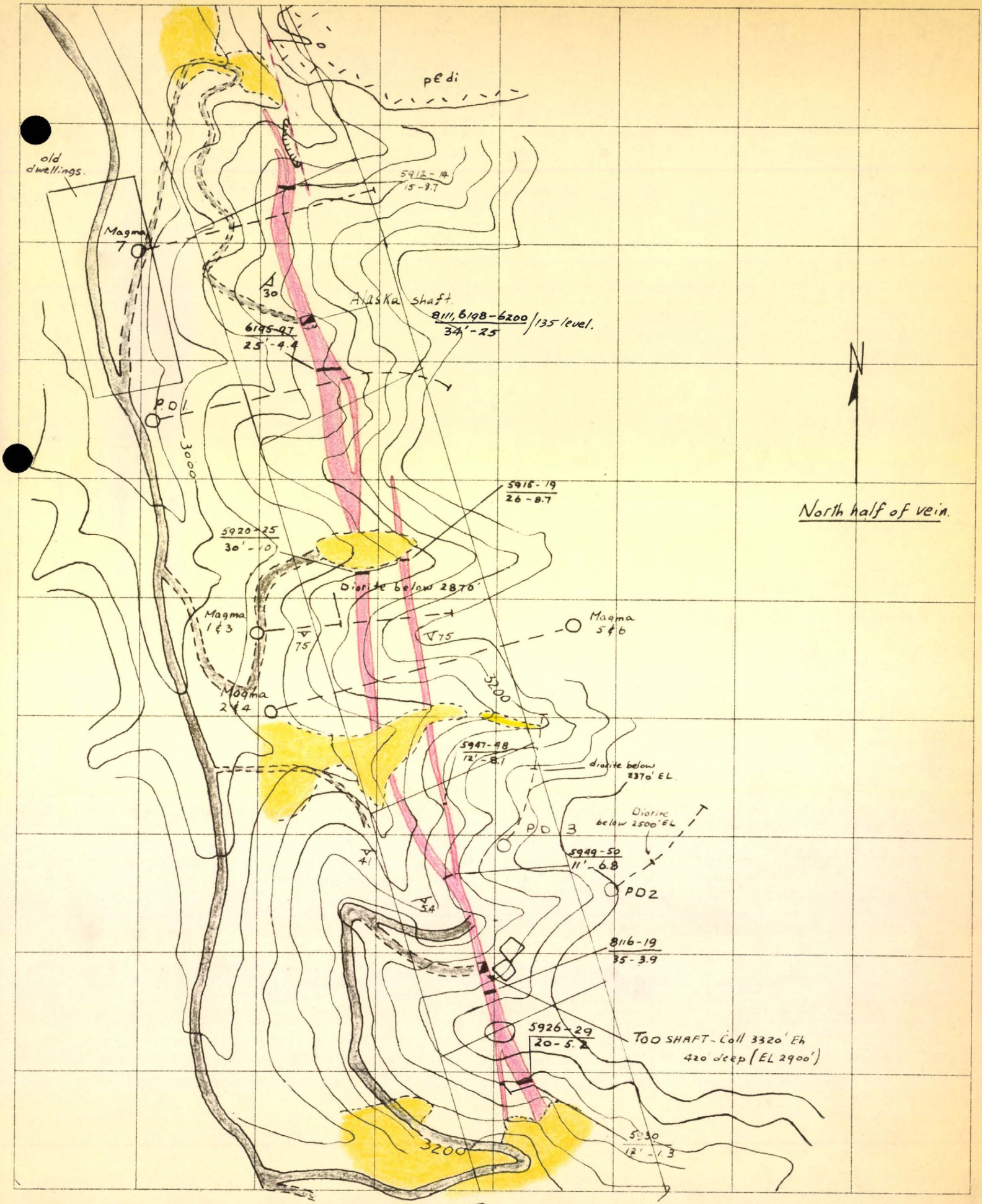
New lease and option

(1) PD to Regnart 750 000 purchase
(2) PD to Seel 250 000 upon purchase
(3) 1/4 PD withdrawn the PD to Regnart goes to Seel.

(3) ~~ER~~ now in process. (2) has been cancelled. (1) will go to Seel.
4 years left on (1) to Jan 23.
500/mo pays on (1)

Maybe a new contract could be reduced price with Regnart.
Maybe 1/2 million (Seel wants paid w/ Regnart) total (250 000 Seel and Regnart each).

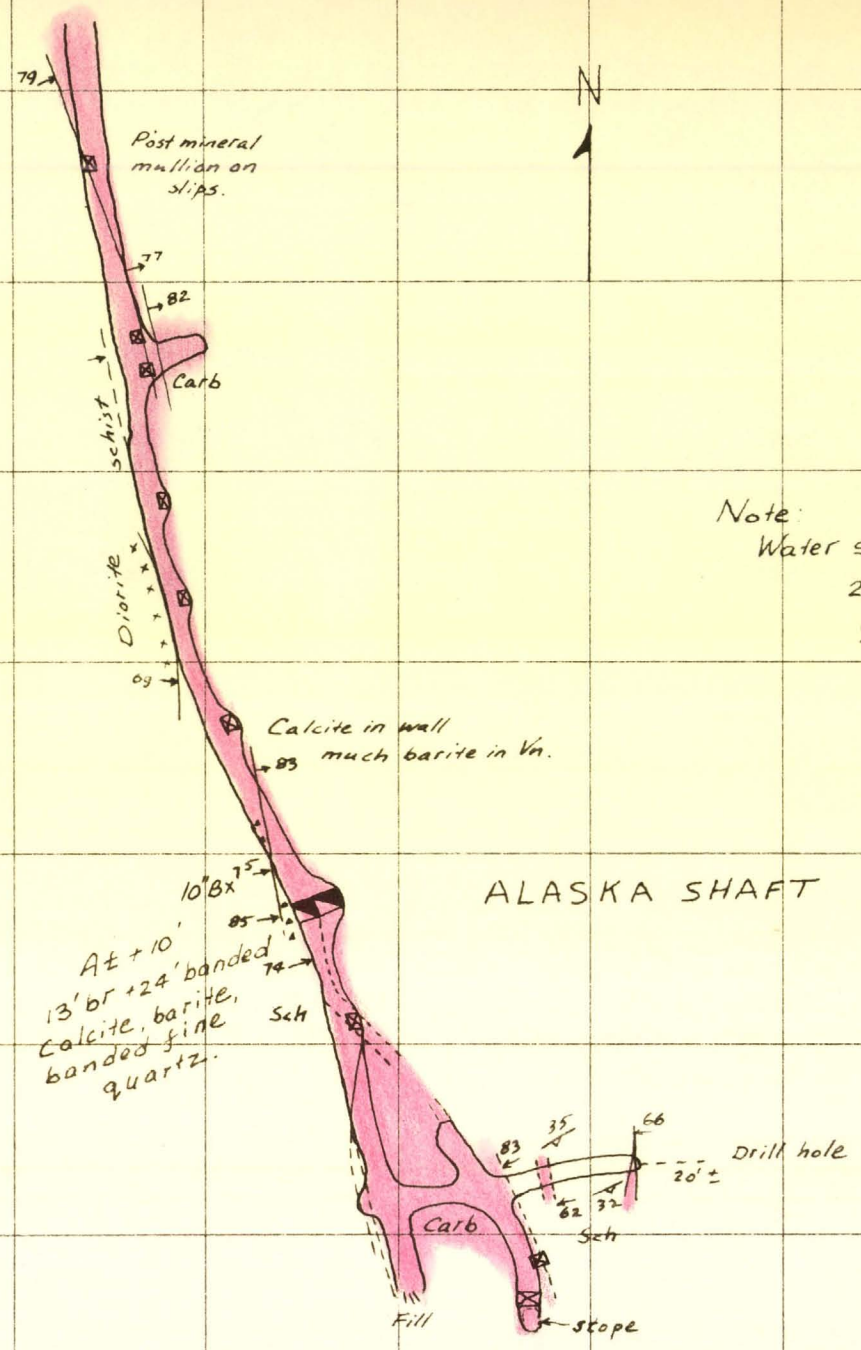
Mr. Soule U. S. Bureau Mines



MINE REYMERT LOCATION Pinal County, Arizona LEVEL SURFACE

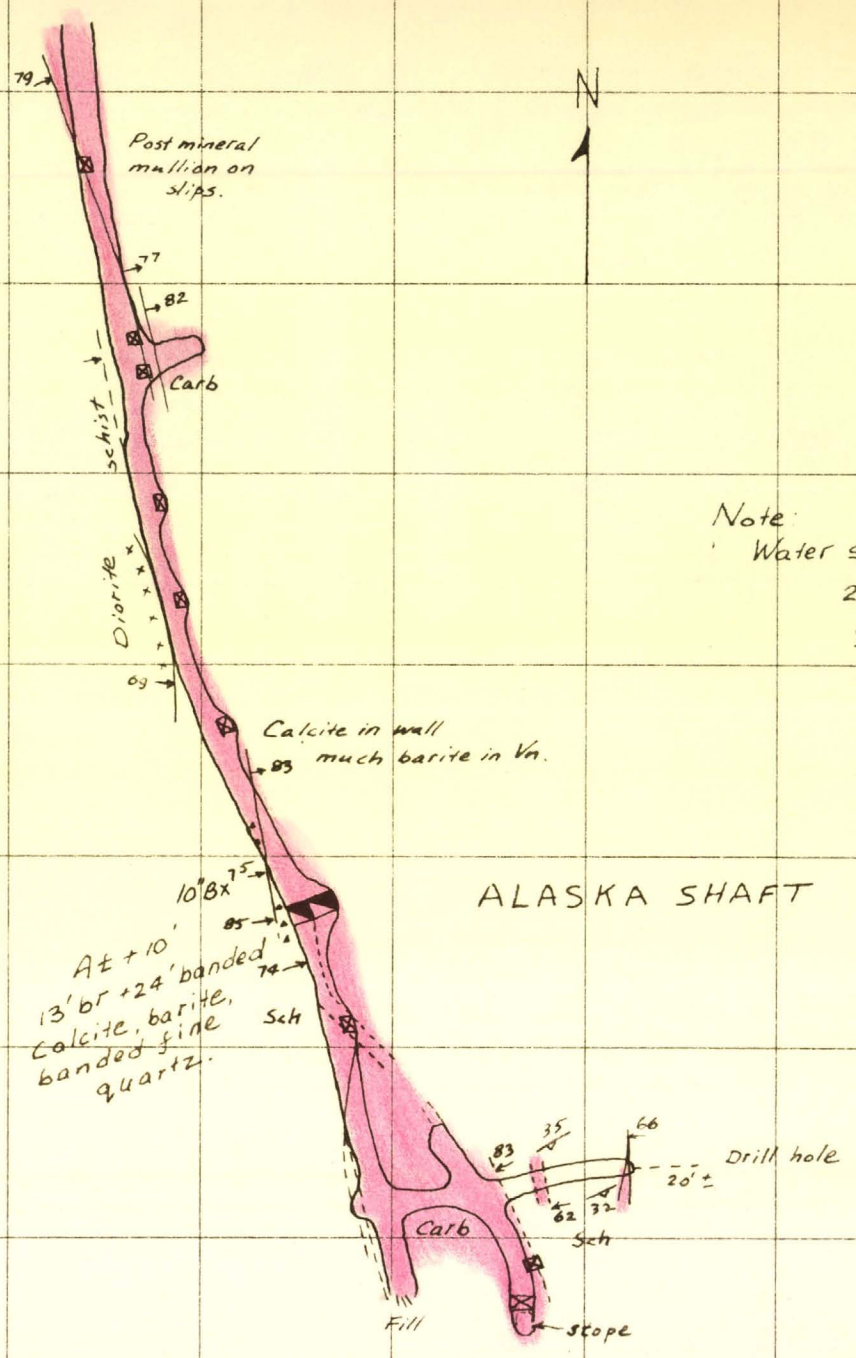
GEOLOGY BY Phelps Dodge SURVEY P.D SCALE 1" = 400' DATE

Contours: 40' interval.



Note:
Water stands in shaft:
234½' below collar
96' below sill, 135 Lev
32' below sill, 200 Lev

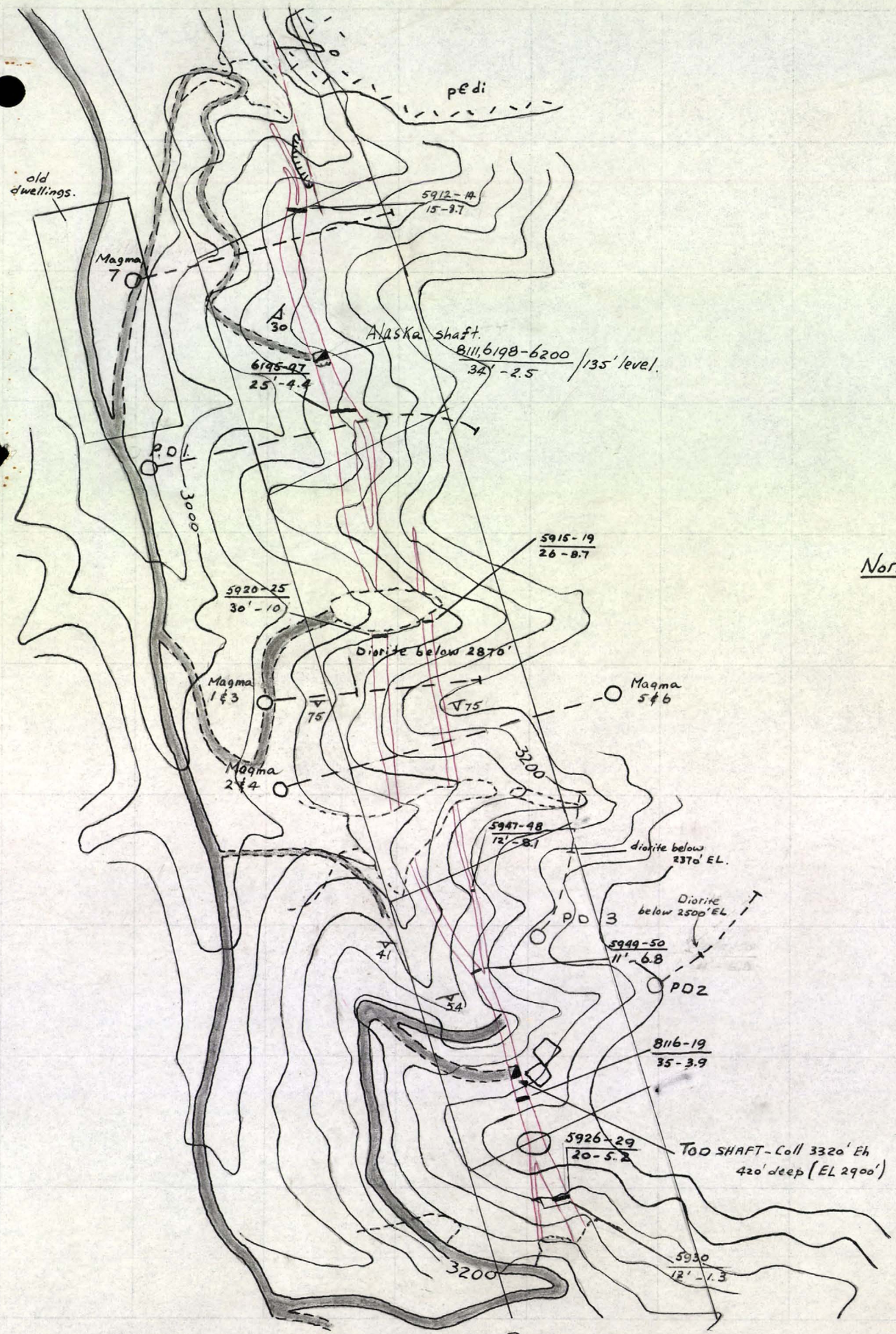
MINE REYMERT LOCATION PINAL Co. ARIZ LEVEL 135
GEOLOGY BY Modified from Walker's field map (P.D) SURVEY BRUNTON SCALE 1"=50' DATE 1964
Mod Ap 1965 J.E.K.



Note:
Water stands in shaft:
234½' below collar
96' below sill, 135 Lev
32' below sill, 200 Lev

MINE REYMERT LOCATION PINAL Co. ARIZ. LEVEL 135
GEOLOGY BY Modified from Walker's field map (P.D) SURVEY BRUNTON SCALE 1"=50' DATE 1964

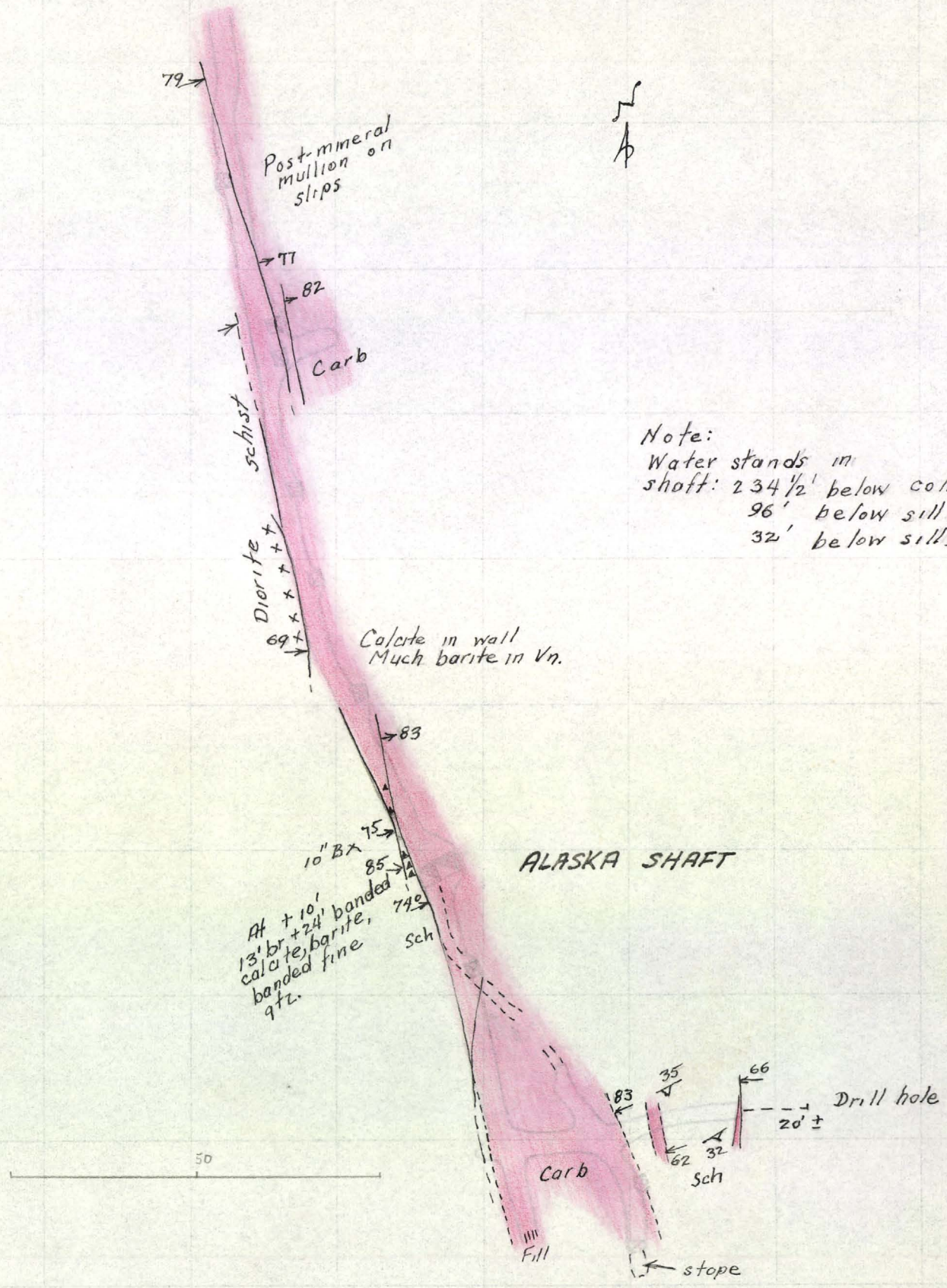
Mod Ap 1965 J.E.K.



REYMERT Pinal County, Arizona SURFACE

Phelps Dodge P.D 1" = 400'

Contours: 40' interval.

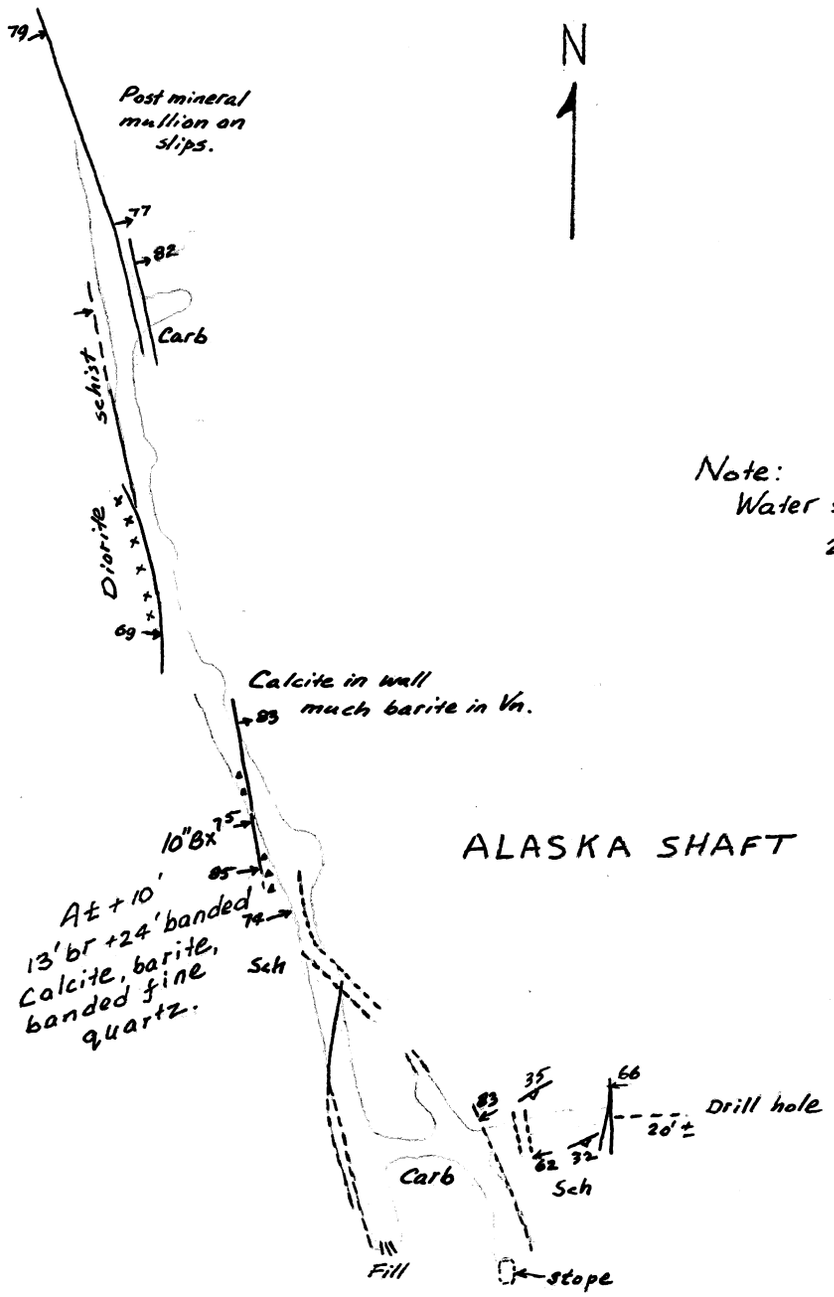


Note:
Water stands in shaft: 234½' below collar
96' below sill, 135 Lev.
32' below sill, 200 Lev.

REYMERT — PINAL Co. ARIZ — 135

Modified from Walker's field map (P.D.) — BRUNTON — 1"= 40' — 1964

Mod. Ap 1965, JEK



Note:
Water stands in shaft:
234½' below collar
96' below sill, 135 Lev
32' below sill, 200 Lev

REYMERT
Modified from
Walker's field map (P.D.)

PINAL Co, ARIZ
BRUNTON

1" = 50'

135
1964
Mod Ap 1965 J.E.K.

MINE _____ LOCATION _____ LEVEL _____

GEOLOGY BY _____ SURVEY _____ SCALE _____ DATE _____

HAWLEY & HAWLEY

ASSAYERS AND CHEMISTS, INC.
1700 W. GRANT RD. • BOX 5934 • 622-4836
TUCSON, ARIZONA 85703

BRANCHES
DOUGLAS, ARIZONA
HAYDEN, ARIZONA
EL PASO, TEXAS
AMARILLO, TEXAS

IDENTIFICATION	GOLD OZS	SILVER OZS	LEAD %	COPPER %	ZINC %	MO. %	IRON %		
R-1	trace	0.86							
R-2	0.001	1.02							
R-7	0.002	3.48							
R-8	0.003	2.62							

Report to me
Jno E Kimmison

CC: Mr. John E. Kimmison
ADD: American Smelting & Refining Company
CITY: P. O. Box 5795
DD: Tucson, Arizona
CITY:

REMARKS:

ANALYSIS CERT. BY L. Douglas

PREPARATION $ 3.00
ANALYSIS $ 22.00

ACC: AMERICAN SMELTING & REFINING COMPANY

DATE SPL. RECEIVED 6/7/65

DATE COMPL 6/11/65

TUC327084

$ 25.00

HAWLEY & HAWLEY
ASSAYERS AND CHEMISTS, INC.
1700 W. GRANT RD. • BOX 5934 • 622-4836
TUCSON, ARIZONA 85703

BRANCHES
DOUGLAS, ARIZONA
HAYDEN, ARIZONA
EL PASO, TEXAS
AMARILLO, TEXAS

IDENTIFICATION	GOLD OZS	SILVER OZS	LEAD %	COPPER %	ZINC %	MO. %	IRON %		
R-1	trace	0.86							
R-2	0.001	1.02							
R-7	0.002	3.48							
R-8	0.003	2.62							

Report to
Mr. John E. Kimmison
American Smelting & Refining Company
P. O. Box 5795
Tucson, Arizona

CC:
ADD:
CITY:
DD:
CITY:

REMARKS:

ANALYSIS CERT. BY J. Douglas

PREPARATION $ 3.00
ANALYSIS $ 22.00

ACC: AMERICAN SMELTING & REFINING COMPANY

DATE SPL. RECEIVED 6/7/65

DATE COMPL 6/11/65

UC327084

$ 25.00

HAWLEY & HAWLEY

ASSAYERS AND CHEMISTS, INC.
1700 W. GRANT RD. • BOX 5934 • 622-4836
TUCSON, ARIZONA 85703

BRANCHES
DOUGLAS, ARIZONA
HAYDEN, ARIZONA
EL PASO, TEXAS
AMARILLO, TEXAS

IDENTIFICATION	GOLD OZS	SILVER OZS	LEAD %	COPPER %	ZINC %	MO. %	IRON %		
R-1	trace	0.86							
R-2	0.001	1.02							
R-7	0.002	3.48							
R-8	0.003	2.62							

Request Mine Geology
John E. Kimmison

CC: Mr. John E. Kimmison
ADD: American Smelting & Refining Company
CITY: P. O. Box 5795
DD: Tucson, Arizona
CITY:

REMARKS:

ANALYSIS CERT. BY L. Douglas

PREPARATION $ 3.00
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TUC327084

$ 25.00

30 So. Main St.
P. O. Box 1039

Jacobs Assay Office

Registered Assayers

PHONE Main 2-0813

Certifieate No. 37171 Tucson, Arizona, June 2nd 1965

Sample Submitted by Mr. American Smelting & Ref Co Mr J E Kennecott.

SAMPLE MARKED	GOLD Ozs. per ton	GOLD Value per ton*	SILVER Ozs. per ton ore	COPPER Per Cent Wet Assay X	LEAD Per Cent Wet Assay	Per Cent Wet Assay X	Per Cent Wet Assay
R. 6		Trace	0.9		0.1		
7	0.005	0.17	3.1		2.4		
8	0.005	0.17	3.4		0.1		
9		Trace	1.4		Trace		
10		Trace	1.7		2.1		
11	0.005	0.17	2.9		0.8		
12	0.005	0.17	3.5		1.3		
13		Trace	1.3		1.3		
14	0.01	0.35	60.8		43.8		
15		Trace	3.5		1.1		
16	0.005	0.17	6.0		1.0		
17		Trace	1.2		0.1		
18	0.005	0.17	2.9		4.3		
19		Trace	5.9		0.1		
20		Trace	1.6		0.8		
21		Trace	1.2		0.7		
22	0.005	0.17	5.8		2.1		

* Gold Figured $35.00 per oz. Troy

Charges $ 6.75 +

Very respectfully,

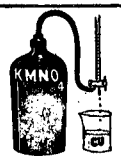
Ben D. Jacobs

30 So. Main St.
P. O. Box 1889

DUPLICATE

Jacobs Assay Office

Registered Assayers



PHONE Main 2-0813

Certifieate No. 57156 Tucson, Arizona, May 21st 1965

Sample Submitted by Mr. American Smelting & Ref. Co. Mr. J. E. Ramsey

SAMPLE MARKED	GOLD Ozs. per ton ore	GOLD Value per ton ore *	SILVER Ozs. per ton ore	COPPER Per cent Wet Assay	LEAD Per cent Wet Assay	/ Per cent Wet Assay	/ Per cent Wet Assay
		$					
R-1		TRACE	1 9/10	—	0 3/10		
2		TRACE	1 7/10	—	0 3/10		
3	0	CCCS 0 17	40 8/10	—	2 57/10		
4	0	OCS 0 17	10 7/10	—	0 3/10		
5		TRACE	2 0/10	—	0 21/10		

* Gold Figured $35.00 per oz. Troy

Charges $ 18.75

Very respectfully,

Jacobs

30 So. Main St.
P. O. Box 1039

PHONE Main 2-3813

Jacobs Assay Office
Registered Assayers

Certificate No. 57182 Tucson, Arizona, June 9th 1935

Sample Submitted by Mr. American Smelting & Ref. Co - Mr. J. E Kinnan

SAMPLE MARKED	GOLD Ozs. per Ton*	GOLD [illegible]	SILVER Ozs. per Ton	[illegible] ✗	[illegible]	[illegible] ✗	[illegible] ✗
K. 23	0.005	0.17	7.0		0.5		
24	Trace		1.7		3.5		
25	Trace		0.7		0.1		
26	Trace		0.6		0.4		
27	0.005	0.17	1.3		3.6		
28	Trace		0.4		0.2		
29	0.01	0.35	0.2		5.0		
30	Trace		2.5		2.8		
31	0.005	0.17	2.6		1.5		
32	Trace		0.8		0.1		

* Gold Figured $[illegible] per Oz. Troy

Charges $ 9.50 [illegible]

[illegible] Ben C. [illegible]

30 So. Main St.
P. O. Box 1389

Jacobs Assay Office

Registered Assayers

PHONE Main 2-0813

Certificate No. 57032 Tucson, Arizona, Mar 18 1935

Sample Submitted by Mr. American Smelting & Ref Co Mr. J. E Kennerson.

SAMPLE MARKED	GOLD Ozs. per ton ore	GOLD Value per ton ore *	SILVER Ozs. per ton ore	COPPER Per cent Wet Assay	LEAD Per cent Wet Assay	Zinc Per cent Wet Assay	Per cent Wet Assay
3574	Trace	$	1 7/10	—	0 4/10	0 8/10	—

Report

Jeh

* Gold Figured $35.00 per oz. Troy

Charges $ 5.00

Very respectfully,

Ben D. Jacobs

SAL

AMERICAN SMELTING AND REFINING COMPANY

MISSION UNIT

KINNISON SPECIALS Work Sheet

Samples 1962

SAMPLE	Ag (oz/TON)	
R-1	.69	ORIGINAL PULPS
R-2	1.00	
R-7	3.49	
R-8	2.69	
R-1	.78	CRUSHED REJECTS FROM ABOVE PULPS
R-2	1.37	
R-7	3.28	
R-8	3.33	

R Burton

AMERICAN SMELTING AND REFINING COMPANY
Tucson Arizona

June 7, 1965

FILE MEMORANDUM

Reymert Mine
Tod Shaft

Cut-9 (400 level, SE cross cut)

R-24	5.9'	Carbonate and Qtz. w/stringers
R-25	5.0'	Massive Calcite w/Mn
	10.9'	

Assay Sample #	Au	Ag	Pb
R-24	Tr	1.7	3.5
R-25	Tr	.7	.1
Wtd Avg.		1.24	

Cut-10 (400 level, NW cross cut)

R-26	8.4'	Veined qtz. and calcite w/some Mn
R-27	5.3'	Veined "sandy carbonate" w/some qtz.
R-28	8.9'	Massive calcite, red and white, little or no qtz.
R-29	7.3'	Tightly veined and banded qtz w/Mn-carbonate.
R-30	5.9'	Massive blk. calcite w/"sandy carbonate"
R-31	9.8'	Banded and vein calcite w/qtz. and "sandy carbonate"
R-32	3.2'	Veined carbonate w/inclusions of schist and some amethyst qtz.
	48.8'	

Sample #	Au	Ag	Pb
R-26	Tr	.6	.4
R-27	.005	1.7	3.8
R-28	Tr	.4	.2
R-29	.01	9.2	5.0
R-30	Tr	2.5	2.8
R-31	.005	2.6	1.5
R-32	Tr	.8	.1
Wtd Avg		2.61	

R. J. Thompson

RJT:cme
Original: J. Kinnison
cc: J. D. Sells

Note: ~~[illegible] has been omitted mistakenly.~~

R-25 represents an overlap in sampling
(See Tod 400 level Plan map)

Cut-8 151' South of the southside of the shaft on the 300 level

R-23 5.3' Banded to massive qtz. w/ some carbonate, lt. colored & minor Mn.

	Au	Ag	Pb
R-23	.005	~~[illegible]~~ 7.0	.5

Reymert Mine
Sampling: 200 Level
Location: Drift N of shaft, 1st cross-cut east, south wall of cross-cut, R-1 starts on E side of vein.

R-1	19.5'	Massive carbonate
R-2	14.5'	Massive carbonate/some amethyst qtz., more fractures and seams.
R-3	6.8'	Carbonate, qts. and unknown yellow mineral--galena noted.
R-4	7.8'	Carbonate /FeOs, much $BaSo_4$ and qtz.
R-5	2.0'	Carbonate - Silica breccia
	49.6' (50.6)	

Sample	Au	Ag	Pb
R-1	tr	1.9	0.3
R-2	tr	1.7	0.2
R-3	0.005	40.8	2.5
R-4	0.005	10.7	0.2
R-5	tr	2.0	0.2
Weighted Avg.		8.43	

Reymert Mine
Sampling: 200' Level
Location: West cross-cut from south drift (Samples from E to W on north wall).

R-6	2.2'	Amethyst qtz. w/ minor blk. calcite.
R-7	13.0'	Massive Mn-calcite w/ vertical banding and minor quartz.
R-8	10.6'	Banded and veined Mn-calcite, qtz. and barite w/ Fe oxides and some $PbCrO_4$.
R-9	8.3'	As above w/ more massive banding--no $PbCrO_4$
	34.1'	

Assay Sample #	Au	Ag	Pb
R-6	tr	.9	.1
R-7	.005	3.1	2.4
R-8	.005	3.9	0.1
R-9	tr	1.4	tr
Wtd. Avg.		2.64	

Reymert Mine
Sampling: 200' Level
Location: East cross-cut from south drift (Sample from E to W, on south wall).

R-10	5.5'	Massive Mn-calcite w/ minor qtz.
R-11	5.7'	Broken and banded Mn-calcite w/ minor amethyst qtz. and some scattered $PbCrO_4$.
	11.2'	

Assay Sample #	Au	Ag	Pb
R-10	tr	1.7	2.1
R-11	.005	2.3	0.8
Wtd. Avg.		2.01	

Reymert Mine
Sampling: 200' Level
Location: First dog-hole east from south drift (Sample from E to W on north wall--starting @ PS).

R-12	5.8'	Massive carbonate, some banding w/ scattered $PbCrO_4$.
R-13	14.2'	Massive carbonate, some banding w/ qtz. and $BaSO_4$.
R-14	1.0'	Vein, calcite and qtz. w/ some galena and $PbCrO_4$.
R-15	5.2'	Broken Mn-carbonate, qtz. and barite w/ minor $PbCrO_4$
	26.2'	

Assay Sample #	Au	Ag	Pb
R-12	.005	3.5	1.3
R-13	tr	1.3	1.3
R-14	.01	60.8	43.8
R-15	tr	3.5	1.1
Wtd. Avg.		4.49	

Reymert Mine
Sampling: 200' Level
Location: East cross-cut off of north drift (East vein (?) sample E to W on north wall).

R-16	6.0'	Mostly qtz., Mn w/ some banded carbonate and much $PbCrO_4$.
R-17	2.2'	Mostly qtz. w/ some Mn-carbonate and some $PbCrO_4$.
	8.2'	

Assay Sample #	Au	Ag	Pb
R-16	.005	6.0	1.0
R-17	tr	1.4	0.1
Wtd Avg.		4.77	

C - 6
Location: North drift off of east cross-cut (East of main North drift - stoped vein).

R-18	1.7'	Grab sample.

Assay Sample #	Au	Ag	Pb
R-18	.005	2.9	4.3

Reymert Mine
Sampling: 135' Level
Location: East of cross-cut from south drift (Samples from E to N on north wall - starting @ PS).

R-19	7.8'	Banded vein, sandy Mn-carbonate w/ qtz and $BaSO_4$.
R-20	6.8'	Massive, slightly banded Mn-carbonate w/ qtz. seams.
R-21	8.3'	Banded Mn-carbonate w/ qtz.
R-22	10.4'	As above, w/ more qtz. and some $BaSO_4$.
	33.3'	

Assay Sample #	Au	Ag	Pb
R-19	tr	5.9	0.1
R-20	tr	1.6	0.8
R-21	tr	1.2	0.7
R-22	.005	5.8	2.1
Wtd. Avg		3.82	

Total avg. for ASR samples = 3.66

Au-16A.19.18

May 28, 1965

Mr. Charles P. Seal
3051 Sagenhen Court
Indian Ridge Terrace
Tucson, Arizona 85715

Dear Chuck:

I received your letter regarding Reymert today, and I well understand your desire to come to a conclusion; further I must thank you for your patience in allowing this unrestricted period of time for our examination.

As you know, my first visit in April led me to the conclusion that the Reymert vein werranted a further examination, but later I have restricted most of the observations to the north half of its length.

We have now completed an accurate survey on the surface to determine the average width; I have exhausted all sources of previous information available other than that which might be contained in the files of Magma or Inspiration--who I have obviously not approached. The Alaska Shaft underground was mapped and sampled last week and I expect to have the assay results early next week. I wish to try and enter the Tod Shaft on the Australia claim next week.

In short, the examination is nearly completed and my impression remains the same as initially, that is, favorable. Although it will take a while to prepare a report and obtain a decision from New York, I believe that, unless very discouraging results show up in the remaining work, we should be in a position to discuss in a preliminary way possible purchase terms late next week.

Ac-16A.19.18

You originally said that the owners of the Reymert Extension Inc. were probably in a frame of mind to "negotiate," and perhaps you might give this some thought in the near future.

Trusting this will answer your inquiry of May 26, and thanking you again for your patience, I remain.

Yours very truly,

John E. Kinnison

JEK:cme
cc: JHCourtright

PHELPS DODGE CORPORATION

WESTERN EXPLORATION OFFICE

~~P.O. BOX 991~~

DOUGLAS, ARIZONA 85607

DRAWER 1217

TEL. 364-8414

March 26, 1965

Mr. John E. Kinnison
American Smelting Refining & Mining Company
Valley National Bank Building
Tucson, Arizona

Dear Mr. Kinnison:

Enclosed are prints of the rough notes I made of assay information in the old workings at the Reymert mine. I believe they will be sufficient for your use and may save a trip to Phoenix. The information is available in the State Mining Office there.

Very truly yours,

W. J. Walker

WJW:n

Encl.

PHELPS DODGE CORPORATION

WESTERN EXPLORATION OFFICE

~~P.O. BOX 991~~

DOUGLAS, ARIZONA 85607

DRAWER 1217

TEL. 364-8414

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Very truly yours,

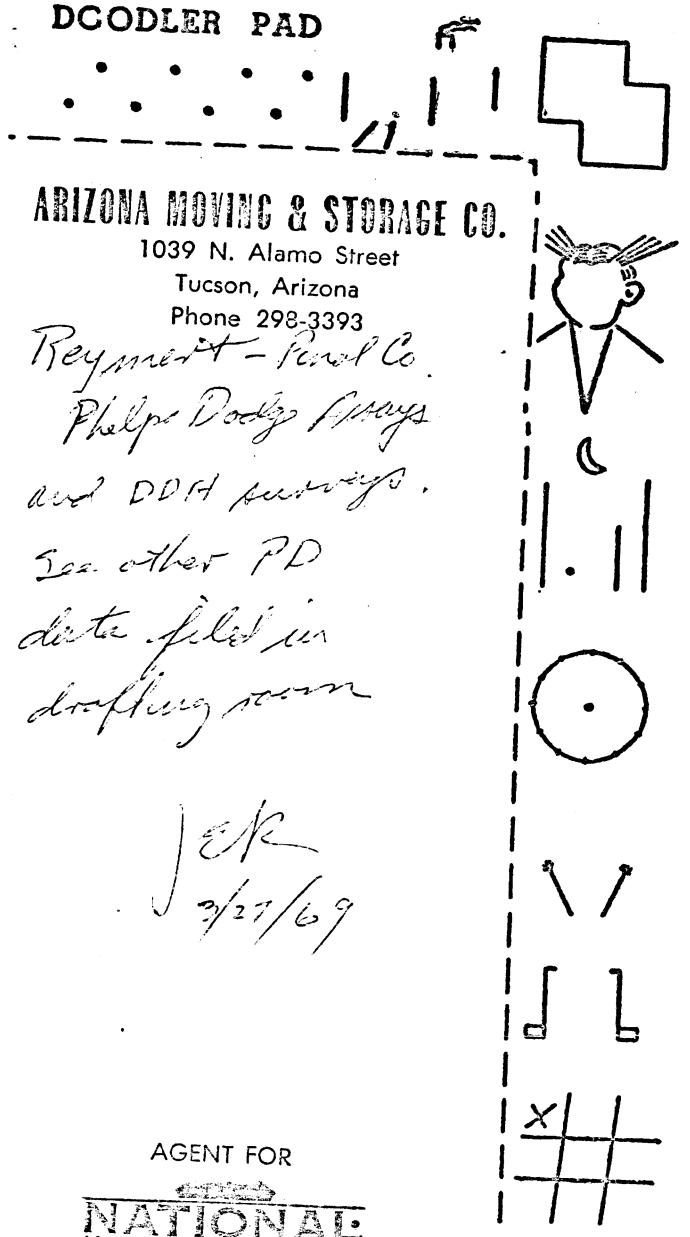
/s/ W. J. Walker

W. J. Walker

WJW:n

Encl.

DCODLER PAD



ARIZONA MOVING & STORAGE CO.

1039 N. Alamo Street
Tucson, Arizona
Phone 298-3393

Reynnert – Pinal Co.
Phelps Dodge surveys
and DDH surveys.
See other PD
data filed in
drafting room

J E K
3/27/69

AGENT FOR

NATIONAL VAN LINES INC.

APPENDIX A

REYMERT PROJECT

SURFACE SAMPLES

Sample No.	Width	Gold Oz	Silver Oz	Copper %	Lead %	Zinc %	Mn %	
5912	5'	Tr	10.30	0.019	0.30	Tr	0.35	
5913	5	Tr	8.3	0.124	0.30	0.05	0.50	
5914	5	Tr	7.4	0.062	0.30	0.10	0.62	
Comp	15'	Tr	8.67	0.068	0.30	0.05	0.49	Surface cut
5915	5'	Tr	11.1	0.060	0.20	0.05	0.24	
5916	5	Tr	7.0	0.044	0.27	Tr	0.24	
5917	5	Tr	4.2	0.044	0.27	Tr	0.18	
5918	5	Tr	16.0	0.071	0.20	Tr	0.27	
5919	6	Tr	5.3	0.080	0.45	1.60	0.24	
Comp	25'	Tr	8.73	0.061	0.28	0.38	0.23	Surface cut
5920	5'	Tr	3.9	0.062	0.30	0.40	0.12	
5921	5	Tr	7.1	0.080	0.34	Tr	0.44	
5922	5	Tr	7.6	0.080	0.48	0.70	0.74	
5923	5	Tr	12.2	0.071	0.14	Tr	1.74	
5924	5	0.005	29.2	0.035	5.40	0.40	0.91	
5925	5	Tr	0.9	0.071	1.17	0.05	1.36	
Comp	30'	Tr	10.13	0.067	1.31	0.26	0.89	Surface cut
5926	5'	Tr	4.8	0.115	0.20	Tr	0.10	
5927	5	Tr	7.4	0.106	0.15	Tr	0.35	
5928	5	Tr	5.6	0.008	0.18	Tr	0.44	
5929	5	Tr	3.0	0.142	0.25	Tr	0.65	
Comp	20	Tr	5.20	0.115	0.19	Tr	0.39	Surface cut
5930	12'	Tr	1.3	0.115	0.34	Tr	0.44	Surface cut
5931	7'	Tr	4.2	Tr	0.23	Tr	1.33	
5932	5	Tr	1.8	Tr	0.30	Tr	0.35	
Comp	12'	Tr	3.2	Tr	0.26	Tr	0.90	Surface cut
5933	5'	Tr	2.2	Tr	0.27	Tr	0.53	
5934	5	0.005	4.6	0.01	0.18	0.25	0.24	
5935	3	Tr	3.0	Tr	0.18	Tr	0.97	
Comp	13'	Tr	3.5	Tr	0.19	0.10	0.45	Surface cut
5936	3'	Tr	1.30	Tr	1.45	0.10	1.06	Surface cut
5937	6'	Tr	0.40	Tr	1.24	0.10	0.66	Surface cut
5938	3'	Tr	0.30	Tr	1.72	0.10	1.59	Surface cut

Sample No.	Width	Gold Oz	Silver Oz	Copper %	Lead %	Zinc %	Mn %	
5939	5'	Tr	1.00	0.01	1.24	0.15	1.15	
5940	5	Tr	1.20	Tr	1.17	0.10	0.86	
5941	5	Tr	1.50	Tr	1.00	Tr	0.69	
5942	5	Tr	0.40	Tr	1.50	Tr	0.82	
Comp	20	Tr	1.02	Tr	1.23	0.06	0.88	Surface cut
5943	4'	Tr	2.60	Tr	0.83	0.35	0.68	Surface cut
5944	7	Tr	0.50	Tr	0.49	0.20	0.82	Surface cut
5945	5	Tr	0.90	Tr	0.14	0.20	0.82	
5946	5	Tr	0.20	Tr	0.97	Tr	0.95	
Comp	10'	Tr	0.55	Tr	0.55	0.10	0.89	Surface cut
5947	5'	Tr	4.30	0.02	0.23	Tr	0.29	
5948	7	Tr	10.90	0.02	0.69	Tr	0.10	
Comp	12'	Tr	8.15	0.02	0.50	Tr	0.18	Surface cut
5949	5'	Tr	13.20	0.02	0.14	Tr	0.47	
5950	6	Tr	1.40	0.01	0.69	Tr	0.97	
Comp	11'	Tr	6.77	0.015	0.44	Tr	0.73	Surface cut
6955-A	3'	Tr	3.20	0.02	0.27	Tr	0.69	Surface cut
6956-A	4	Tr	3.50	Tr	0.27	Tr	0.44	Surface cut
6957-A	6	Tr	5.00	0.01	1.45	Tr	0.45	
6958-A	4	Tr	1.10	0.01	0.60	0.10	0.82	
6959-A	6	Tr	6.40	0.01	0.69	0.30	1.00	
Comp	16'	Tr	4.5	0.01	1.09	0.14	0.84	Surface cut
6960-A	2'	Tr	5.30	0.01	0.18	Tr	3.43	Surface cut
6961-A	5'	Tr	1.30	Tr	0.60	Tr	0.37	
6962-A	7	Tr	1.80	0.01	0.70	Tr	0.22	
Comp	12'	Tr	1.6	Tr	0.65	Tr	0.29	Surface cut
6963-A	3'	Tr	2.40	Tr	0.20	Tr	0.10	Surface cut
6964-A	7'	Tr	1.20	0.02	1.17	Tr	0.10	Surface cut
6195	10'	Tr	4.32	0.14	2.60	0.10	0.84	
6196	10	Tr	4.70	0.20	3.00	0.05	1.04	
6197	5	Tr	4.18	0.17	3.96	0.30	1.52	
Comp	25'	Tr	4.44	0.17	3.03	0.12	1.06	Surface cut
6198	5'	Tr	2.44	0.22	4.46	0.35	1.60	
6199	10	Tr	1.12	0.10	3.85	0.10	2.32	
6200	9	Tr	4.03	0.11	3.25	0.23	1.28	
8111	10	Tr	2.40	0.07	2.85	0.50	1.58	
Comp	34'	Tr	2.46	0.11	3.49	0.30	1.2	135' Level-Alaska Shaft

Sample No	Width	Gold Oz	Silver Oz	Copper %	Lead %	Zinc %	Mn %	
8112	5-1/2'	Tr	15.40	0.22	7.10	-	1.54	
8113	7	Tr	0.70	0.05	1.75	-	0.13	
8114	6	Tr	2.10	0.08	4.46	0.50	0.46	
Comp	18-1/2'	Tr	5.82	0.12	4.24	0.16	0.7	Surface cut
8115	9'	Tr	6.00	0.17	9.78	1.00	1.27	Surface cross cut
8116	9	Tr	5.00	0.08	2.60	-	0.22	
8117	4	Tr	5.10	0.20	3.30	-	0.94	
8118	7	Tr	6.50	0.17	3.64	0.05	0.68	
8119	15	Tr	1.80	0.05	3.30	0.50	0.30	
Comp	35	Tr	3.94	0.10	3.19	0.22	0.70	Surface cut

Total Composite 4.84

Total avg. w/ ASR underground random = 4.55

APPENDIX B

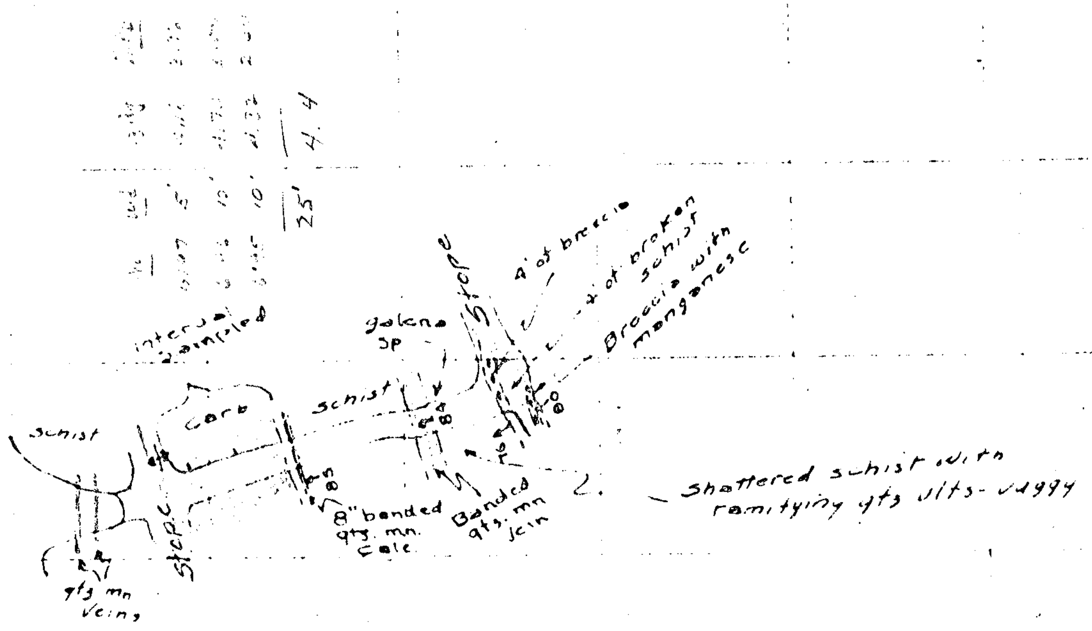
REYMERT PROJECT
GEOCHEMICAL SAMPLE RESULTS
HOLE R-3 CORE

Depth From	Depth To	Copper PPM	Zinc PPM	Lead PPM	Moly PPM	Silver PPM	Description
1259	1261	400	100	60	3	2	1/8" jasper vlt in axis of core
1272	1272 1/2	115	180	100	3	1	4" hematite-qtz vein at 30° to axis
1274	1275 1/2	340	135	85	2	-1	1" vein at 20° to axis
1284 1/2	1287	250	160	215	1	-1	Several 1/4"qtz vlts at 30° to axis
1303	1304	+1000	500	260	1	3	2" qtz-hematite vein
1320	1334	330	110	230	26	2	Several small qtz-hematite veins
1348	1352	850	145	95	3	1	Clay alteration, 3 - 1/8" qtz-hematite vlts
1354	1361	800	220	85	1	-1	3/4" qtz vein at 1354, several 1/8" qtz veins
1426	1428	340	125	100	5	-1	1/2" hematite jasper-qtz vein at 10° to axis
1457	1459	1200	160	225	8	-1	1/2" qtz, 4" brecciated qtz, some hematite
1470	1473	1300	260	220	3	-1	1/2" qtz, silicified diorite, 2" brecciated qtz
1485	1490	215	200	95	2	-1	Several 1/8" qtz veins at 20°-30° to axis, gouge 1489-1/2 - 1490

Note: Reymert Mine Area Background:

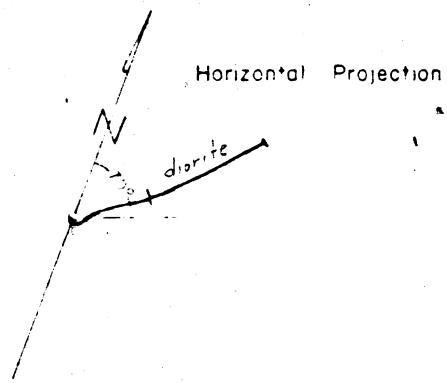
Diorite: Cu 5-40, Pb 25-100, Zn 70-150.

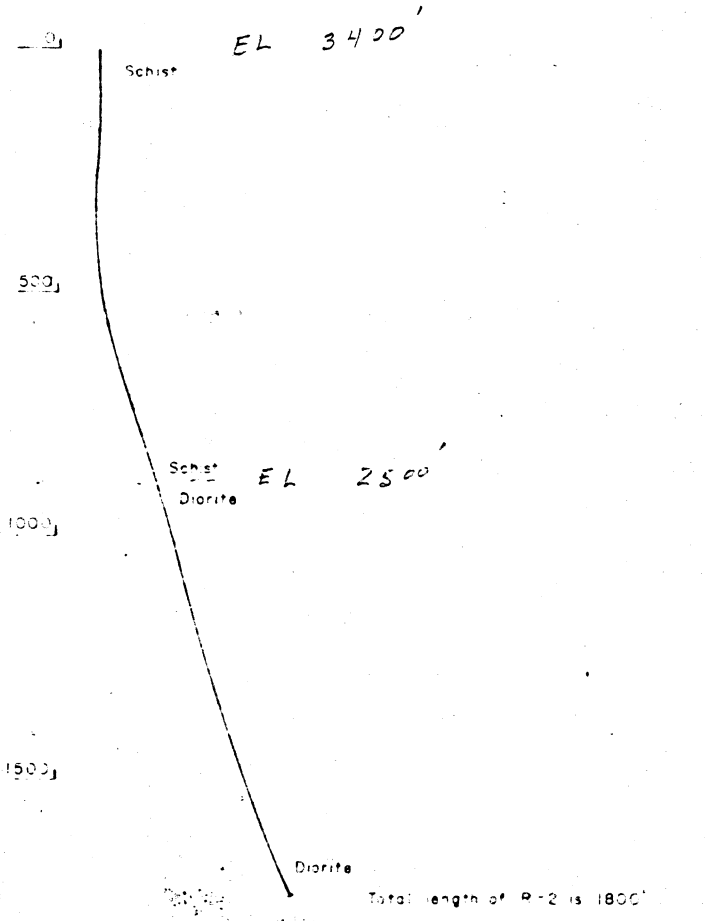
Keymert Mine
Surface X-Cut
150 feet South of
Alaska Shaft
1"=40'



REYMERT PROJECT
HOLE R-2

0 100 200 300 400 500
SCALE 1"=400'

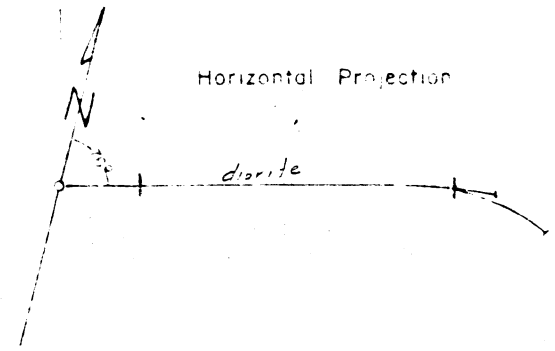


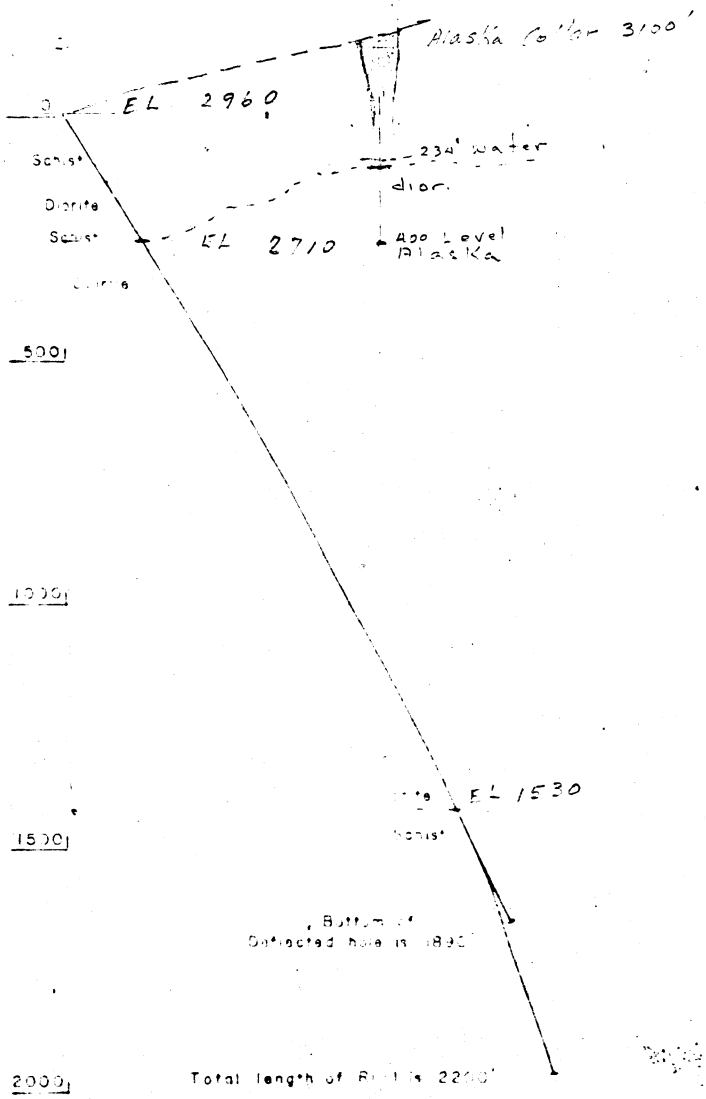


Vertical Projection on N 70°E Plane

REYMERT PROJECT
HOLE RI-1

0 100 200 300 400 500
SCALE 1" = 400'



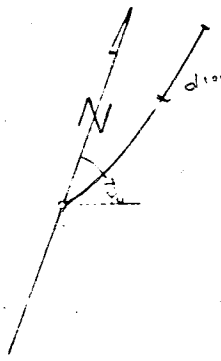


2960
1530
1530

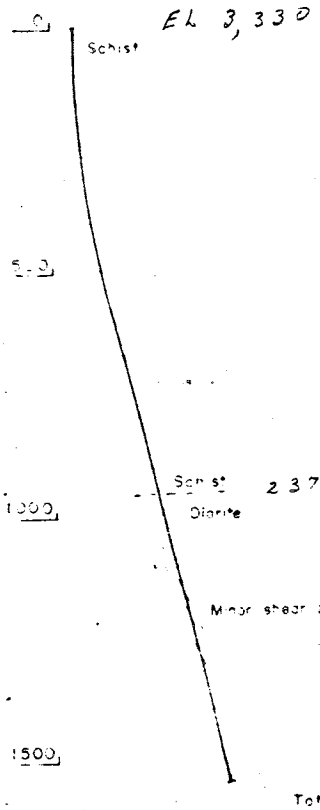
Vertical Projection on N 76° E Plane

REYMERT PROJECT
HOLE R-3

0 100 200 300 400 500
SCALE 1"=400'

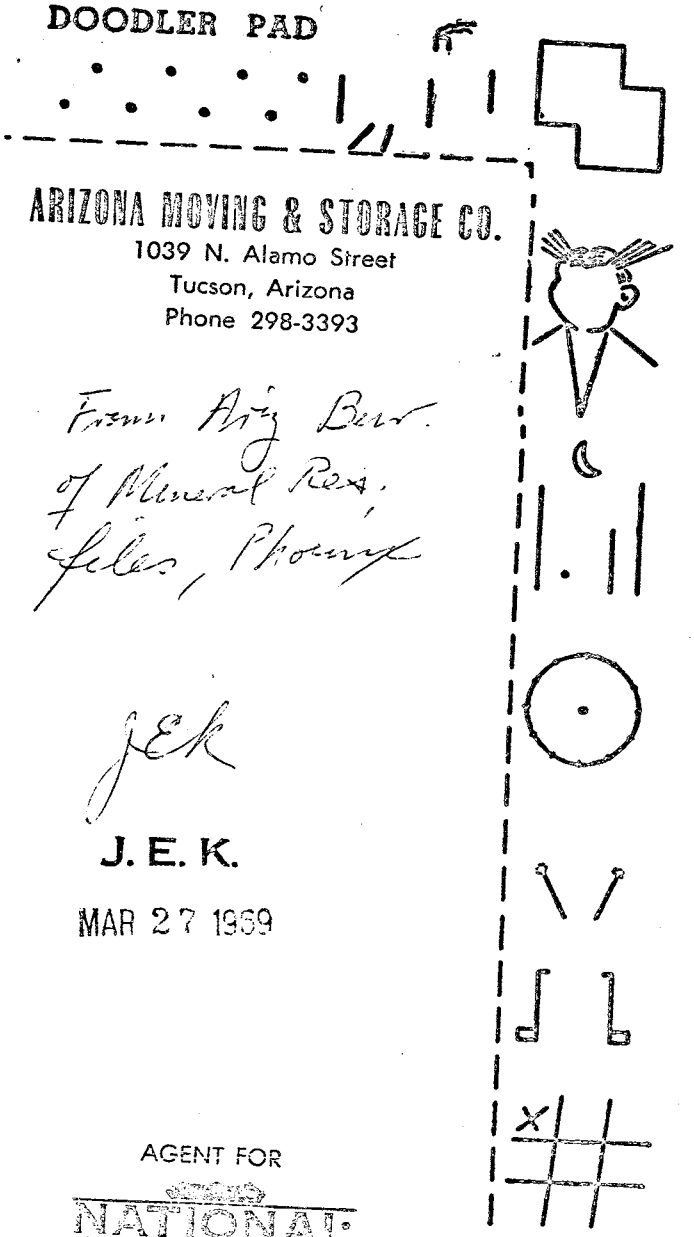


Horizontal Projection



Vertical Projection on N 70°E Plane

DOODLER PAD



ARIZONA MOVING & STORAGE CO.
1039 N. Alamo Street
Tucson, Arizona
Phone 298-3393

From Ariz Bur
of Mineral Res.
Tales, Phoenix

JEK

J. E. K.

MAR 27 1969

AGENT FOR

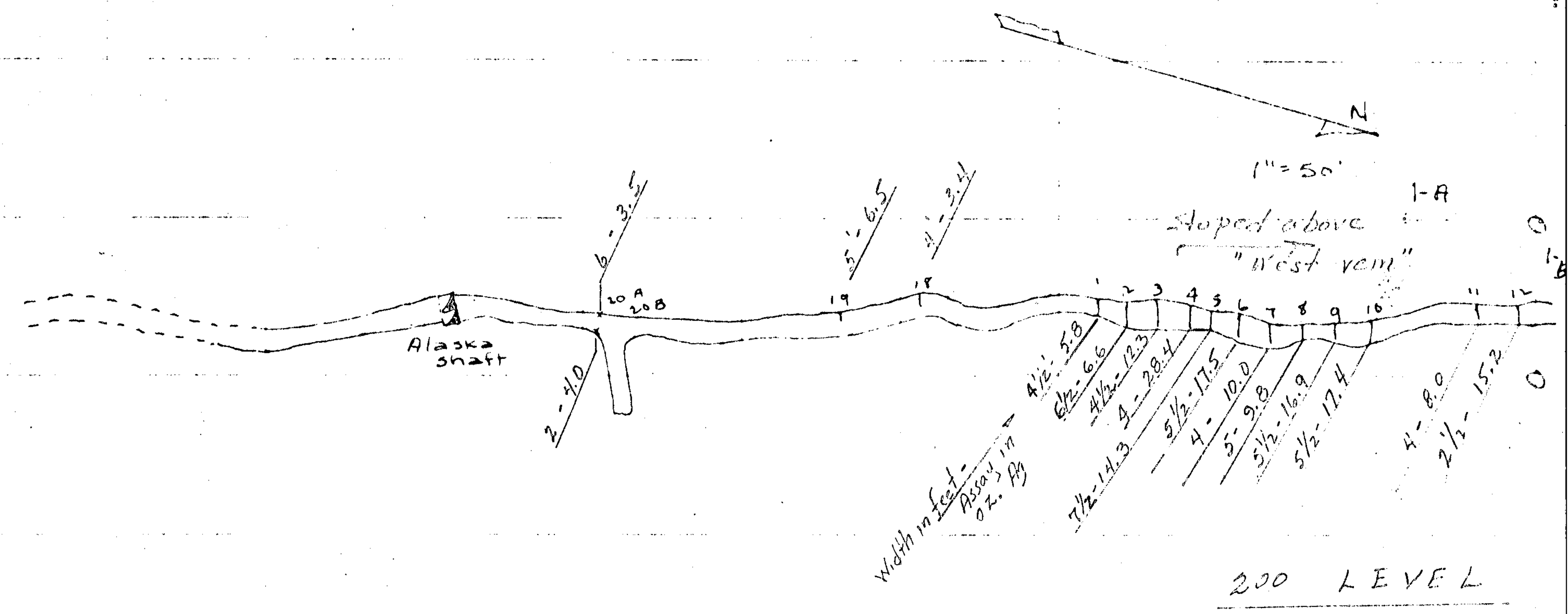
NATIONAL VAN LINES, INC.

Docket No. 6224
Reymert Ext. Silver Mines
Pinal County, Ariz
Scale 1" = 50'

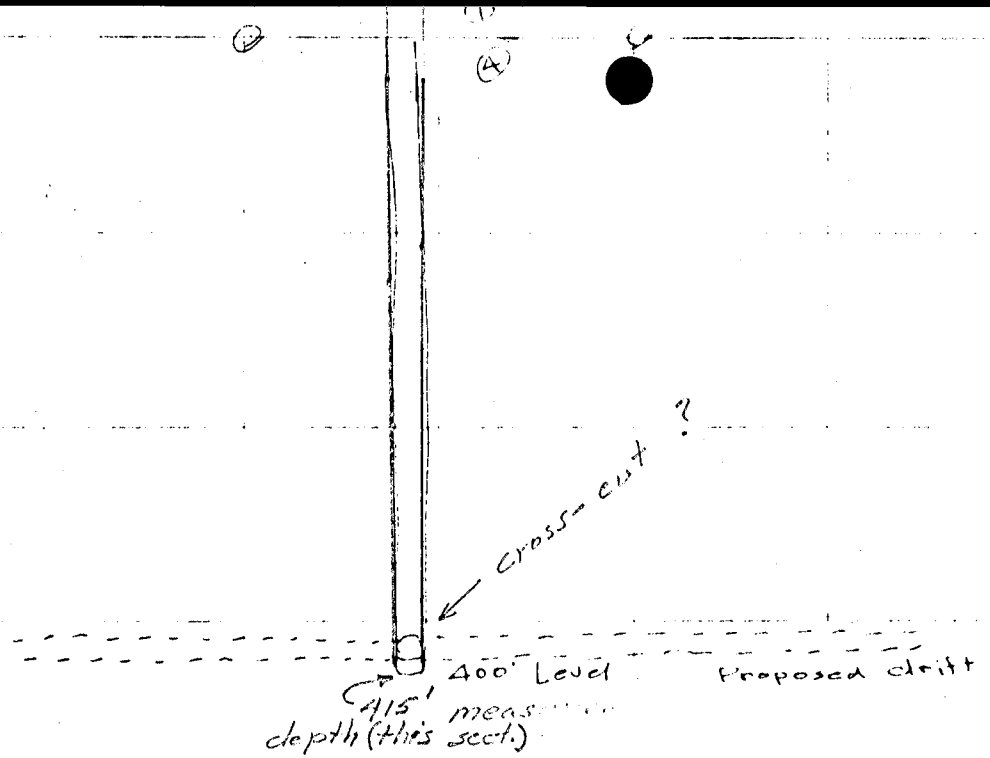
Assays

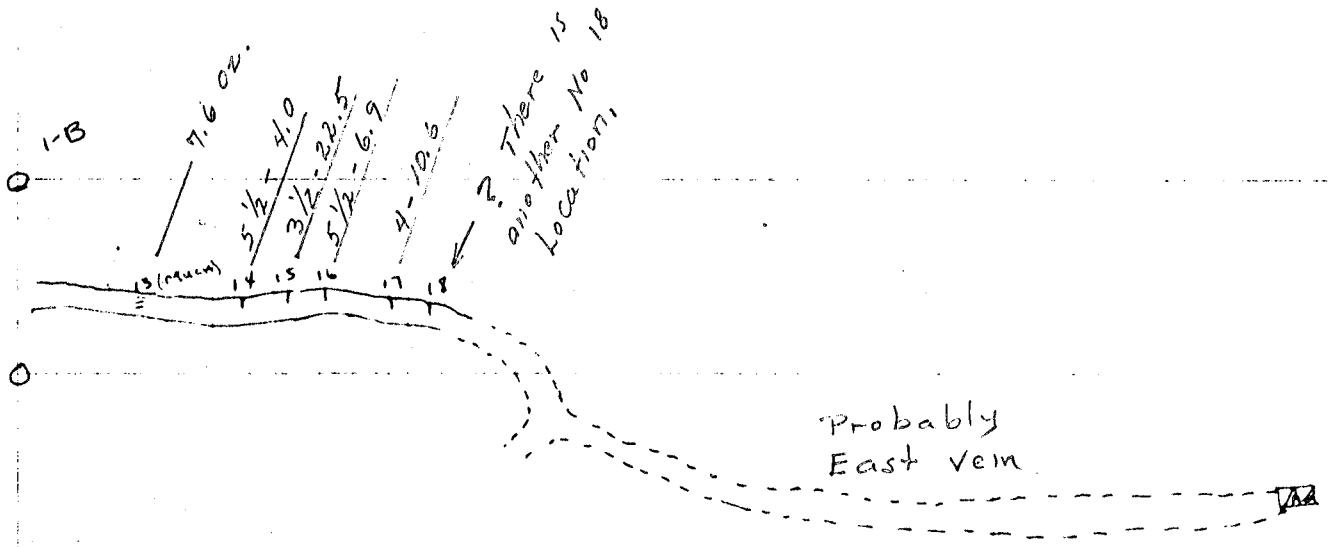
Sample	Width	Oz Au	Oz Ag
No. 1	53"	tr	5.8
2	76"	.01	6.6
3	54"	tr	12.3
4	50"	tr	28.4
5	92"	tr	14.3
6	66"	tr	17.5
7	52"	tr	10.0
8	63"	tr	9.8
9	66"	tr	16.4
10	66"	tr	17.4
11	52"	tr	8.0
12	28"	tr	15.2
13	Muck	.01	7.6
14	66"	.01	4.0
15	42"	.01	22.5
16	66"	tr	6.9
17	48"	tr	10.6
18	48"	tr	3.4
19	63"	.01	6.5
20A	72"	.01	3.5
20B	27"	.01	4.0

T. P. L
6-30-47



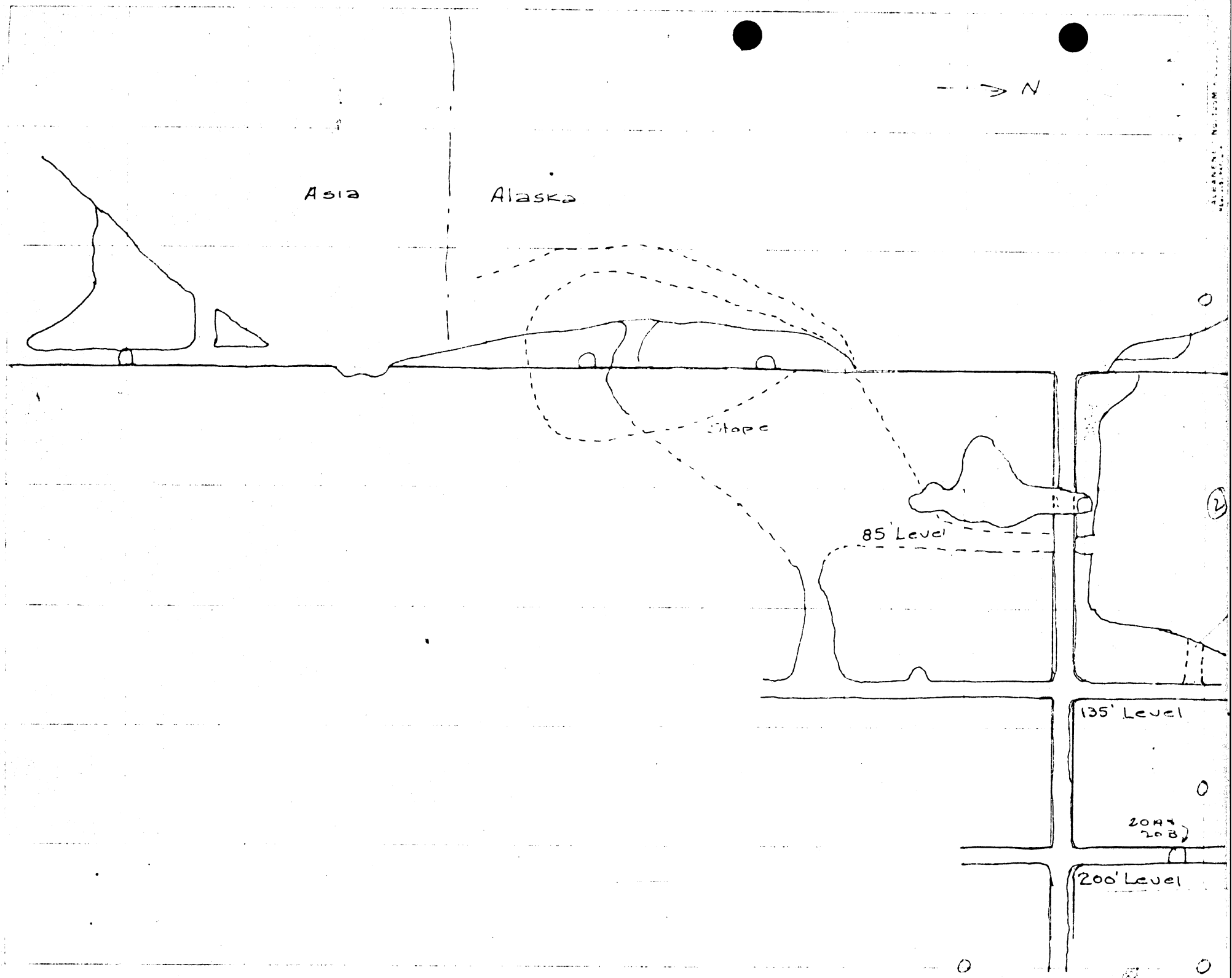
N
1" = 50'
1-A
Stoped above
"West vein"
Alaska shaft
20A
20B
19
18
1
2
3
4
5
6
7
8
9
10
11
12
6 - 3.1
5 - 6.5
4 - 3.4
2 - 4.0
4½ - 5.8
6½ - 6.6
4½ - 12.3
4 - 28.4
7½ - 14.3
5½ - 17.5
4 - 10.0
5 - 9.8
5½ - 16.9
5½ - 12.4
4 - 8.0
2½ - 15.2
Width in feet - Assay in oz. Ag
200 LEVEL

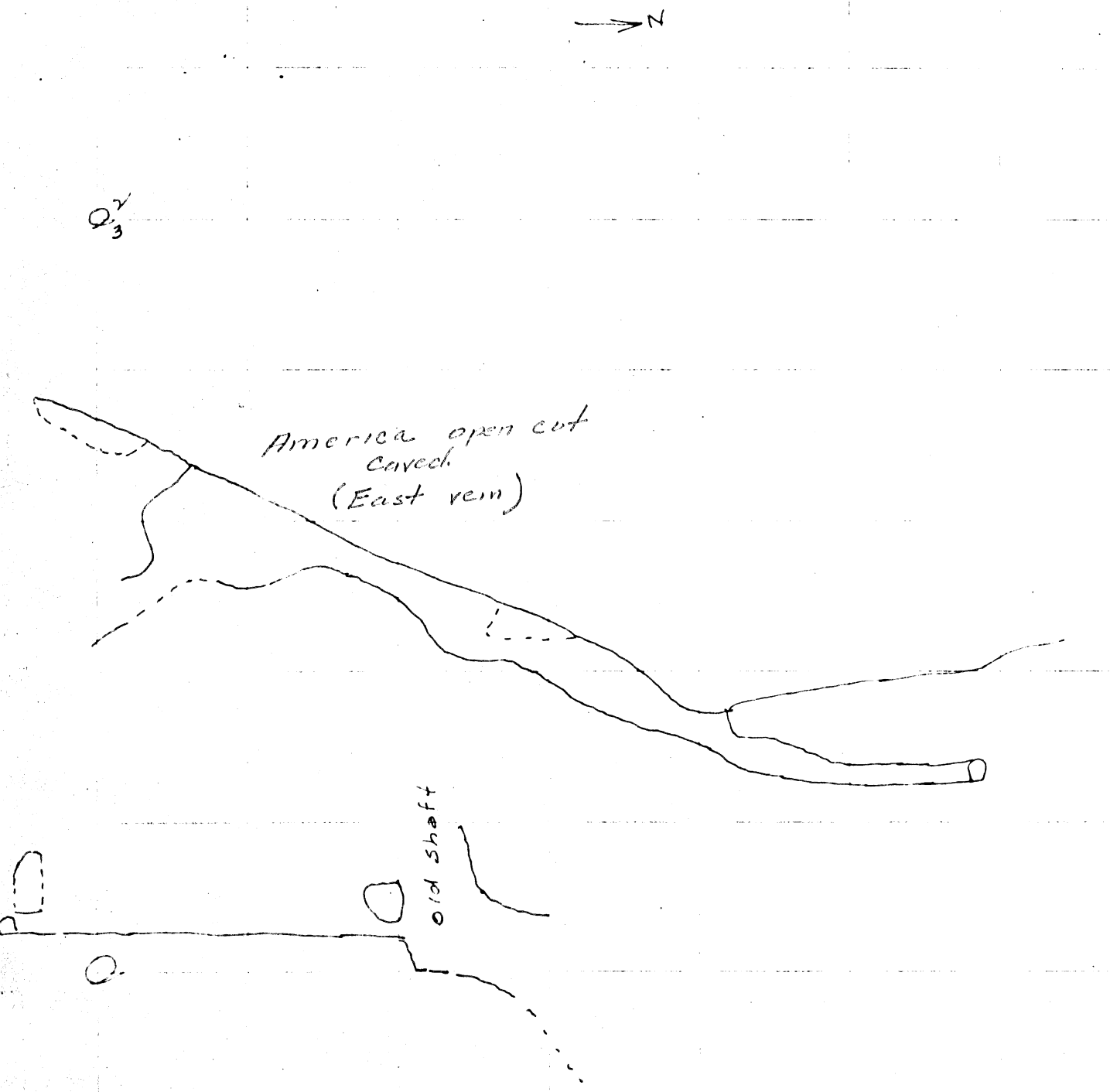

Cross-cut ?
400' Level
Proposed drift
415' meas.
depth (this sect.)

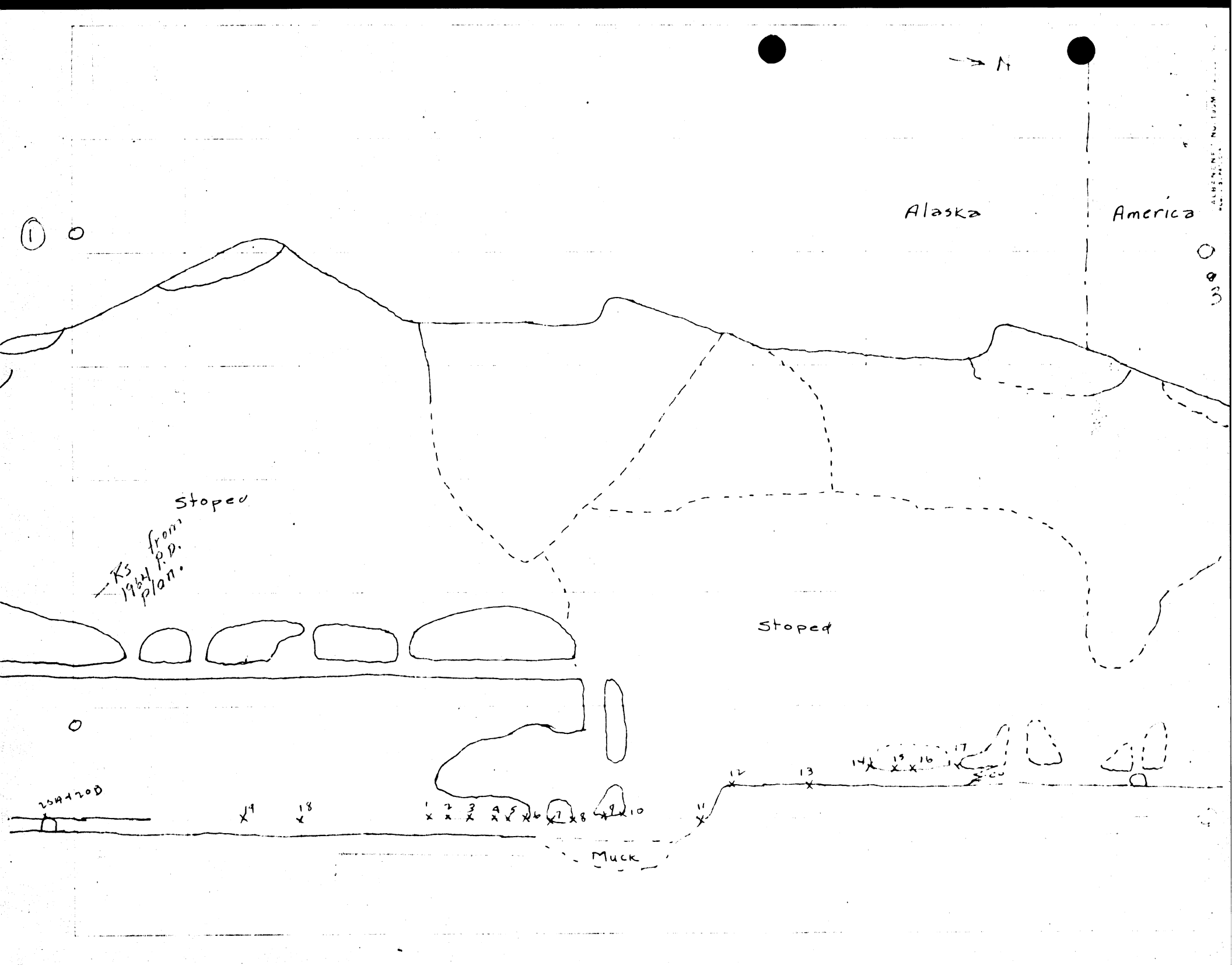


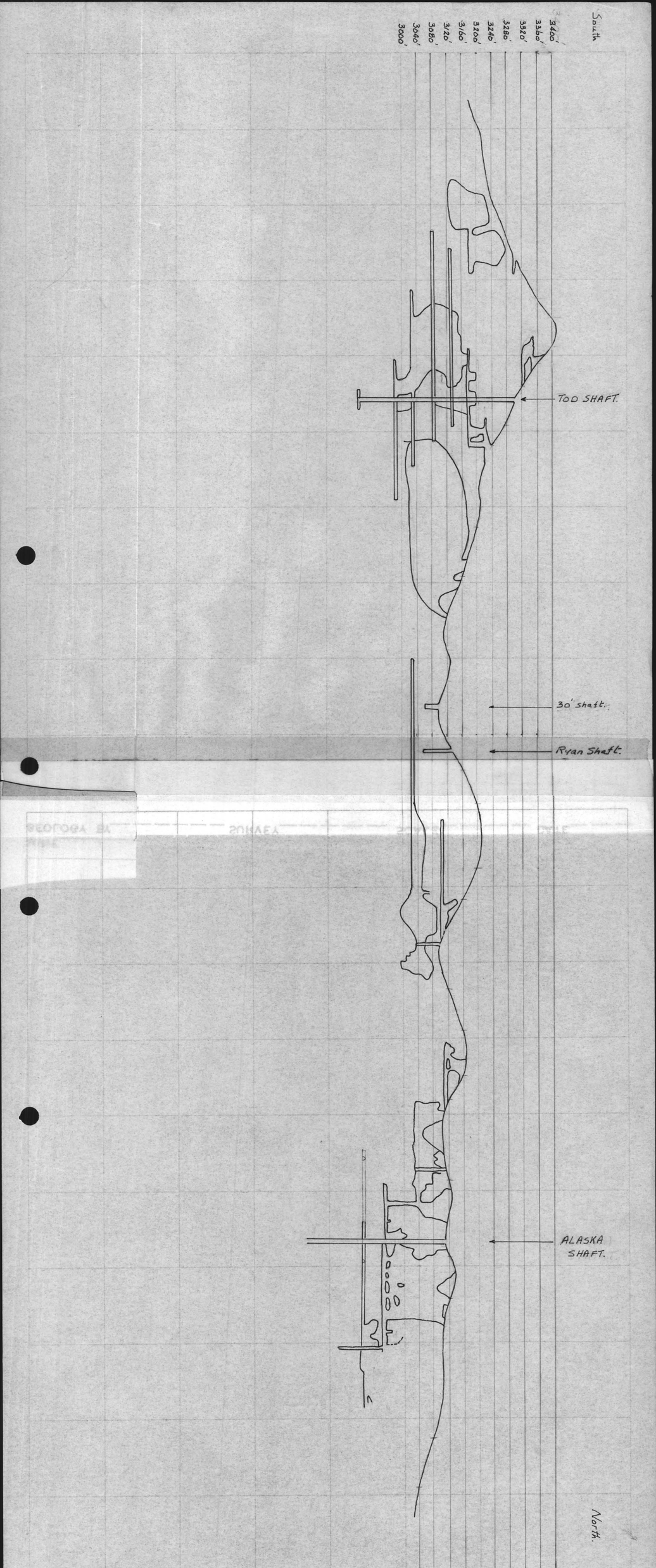
REYMERT MINE
— ALASKA ORE BODY —

Source: 135 Level mapped by Phelps Dodge 1964.
200 Level Plan & Assays furnished by T. D. from open file data Ariz Bur. Min. Resources, Phoenix Dock. 6224
Cross-section -- same source as 200 Level.
Assays have notation: T.P.L. 6-30-47


N
Asia
Alaska
Stope
85' Level
135' Level
20A & 20B
200' Level


N
Q_3^v
America open cut
caved.
(East rein)
old shaft

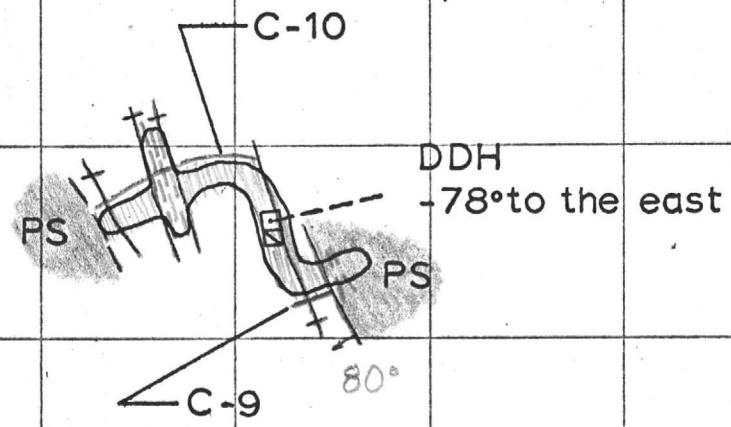

N
Alaska
America
Stoped
Ks from 1984 p.p. plan.
Stoped
Muck
20A+20D



REYMERT - cross-section of vein.

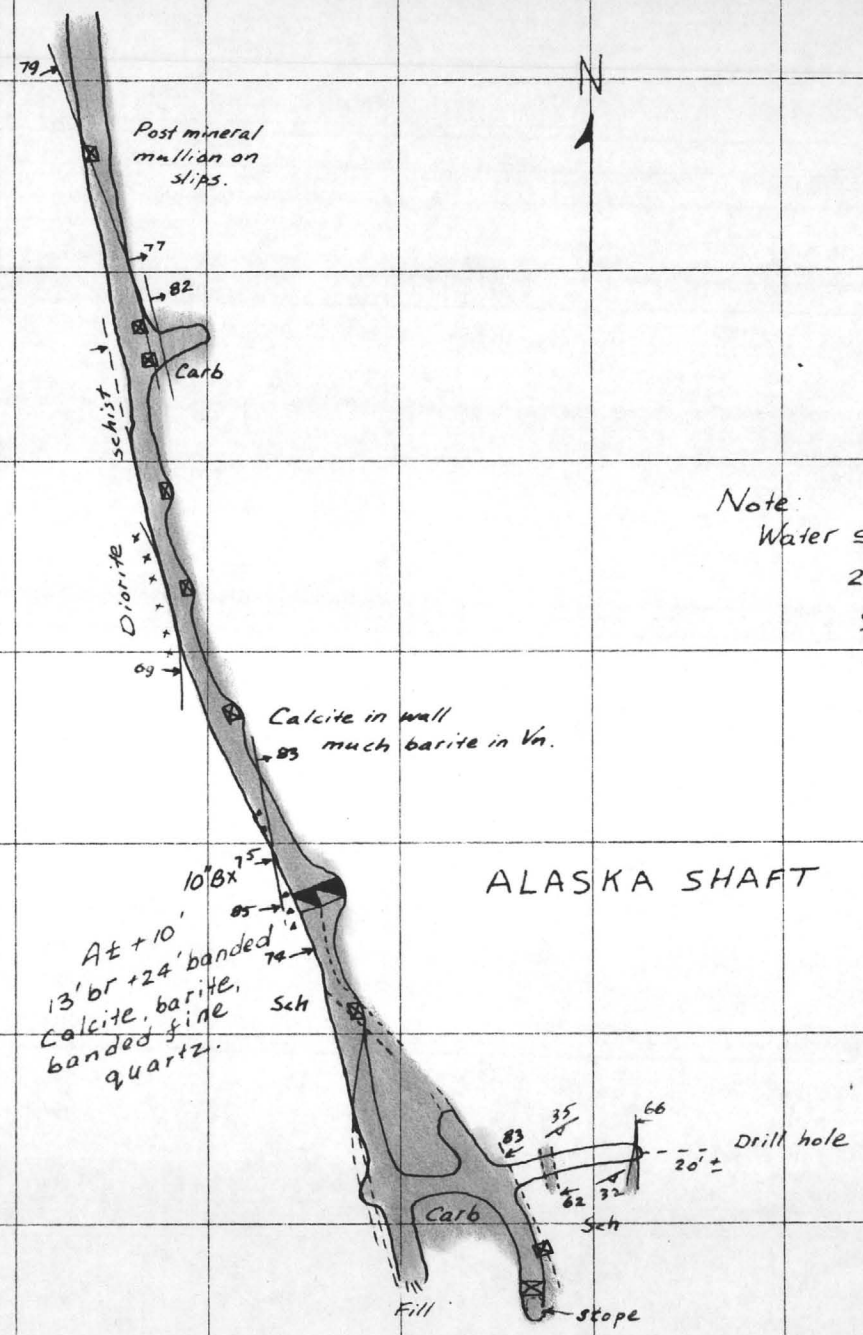
Pinal County, Arizona

1" = 200'



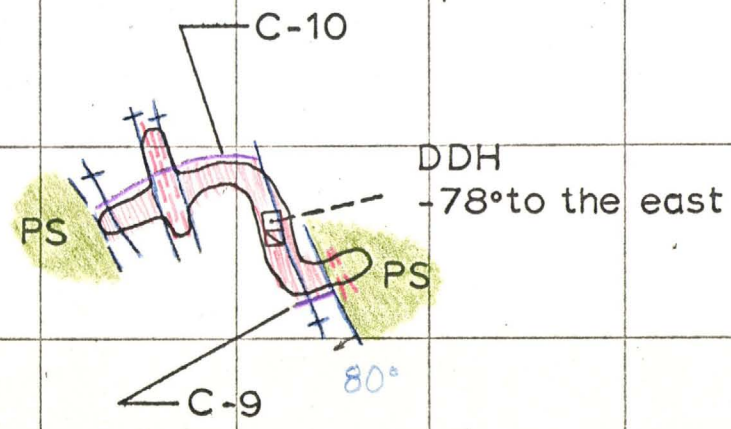
MINE Reymert LOCATION Pinal Co. LEVEL 400

GEOLOGY BY JDS & RJT SURVEY Tod Shaft SCALE 1" = 50' DATE 6-3-65



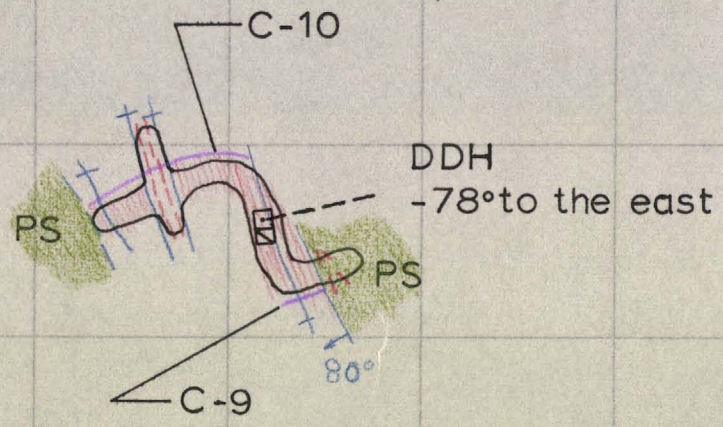
Note:
Water stands in shaft:
234½' below collar
96' below sill, 135 Lev
32' below sill, 200 Lev

MINE REYMERT LOCATION PINAL Co. ARIZ LEVEL 135
GEOLOGY BY Modified from Walker's field map (P.D) SURVEY BRUNTON SCALE 1"=50' DATE 1964
Mod Ap 1965 J.E.K.



MINE Reymert LOCATION Pinal Co. LEVEL 400

GEOLOGY BY JDS & RJT SURVEY Tod Shaft SCALE 1" = 50' DATE 6-3-65

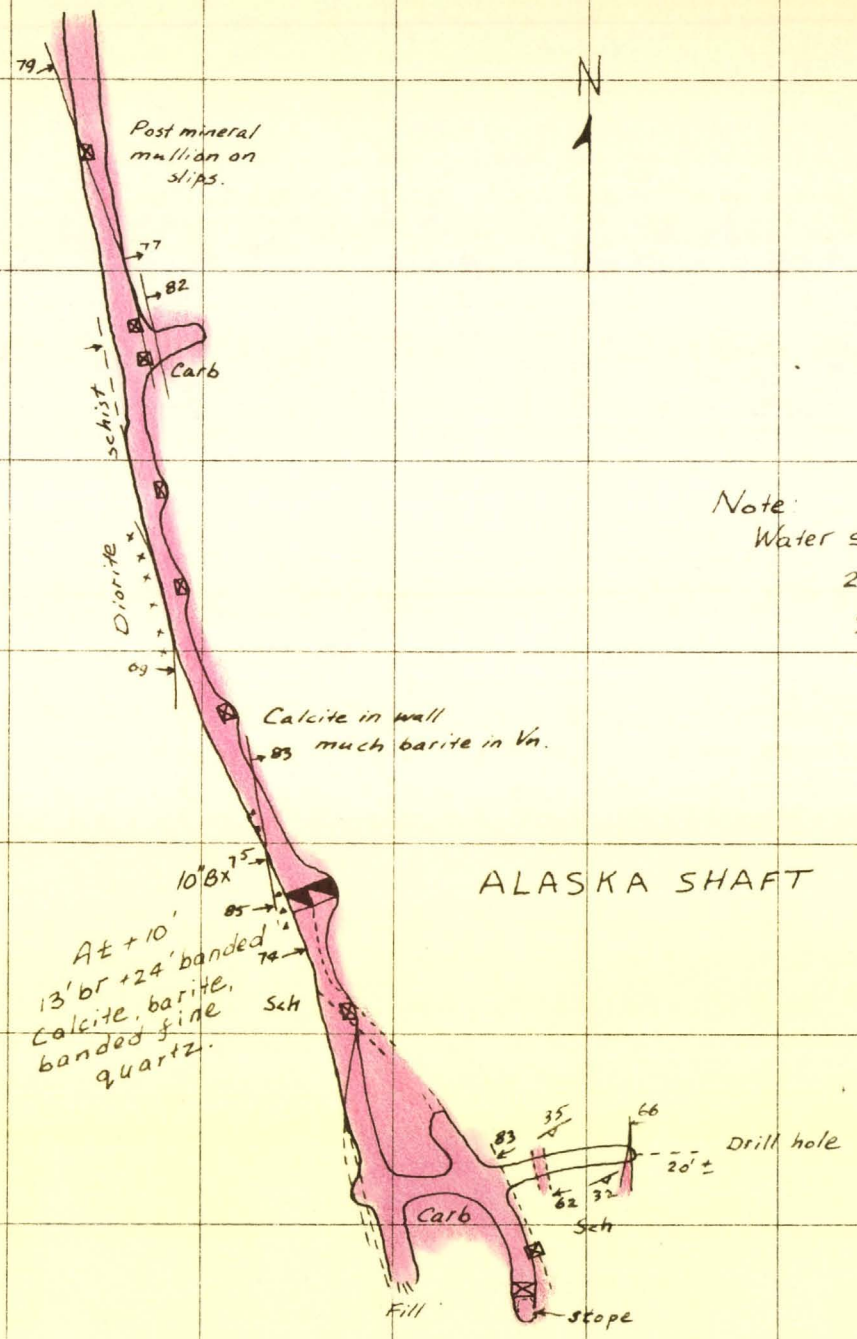


Fault
Vein
Sample Line

Pinal Schist

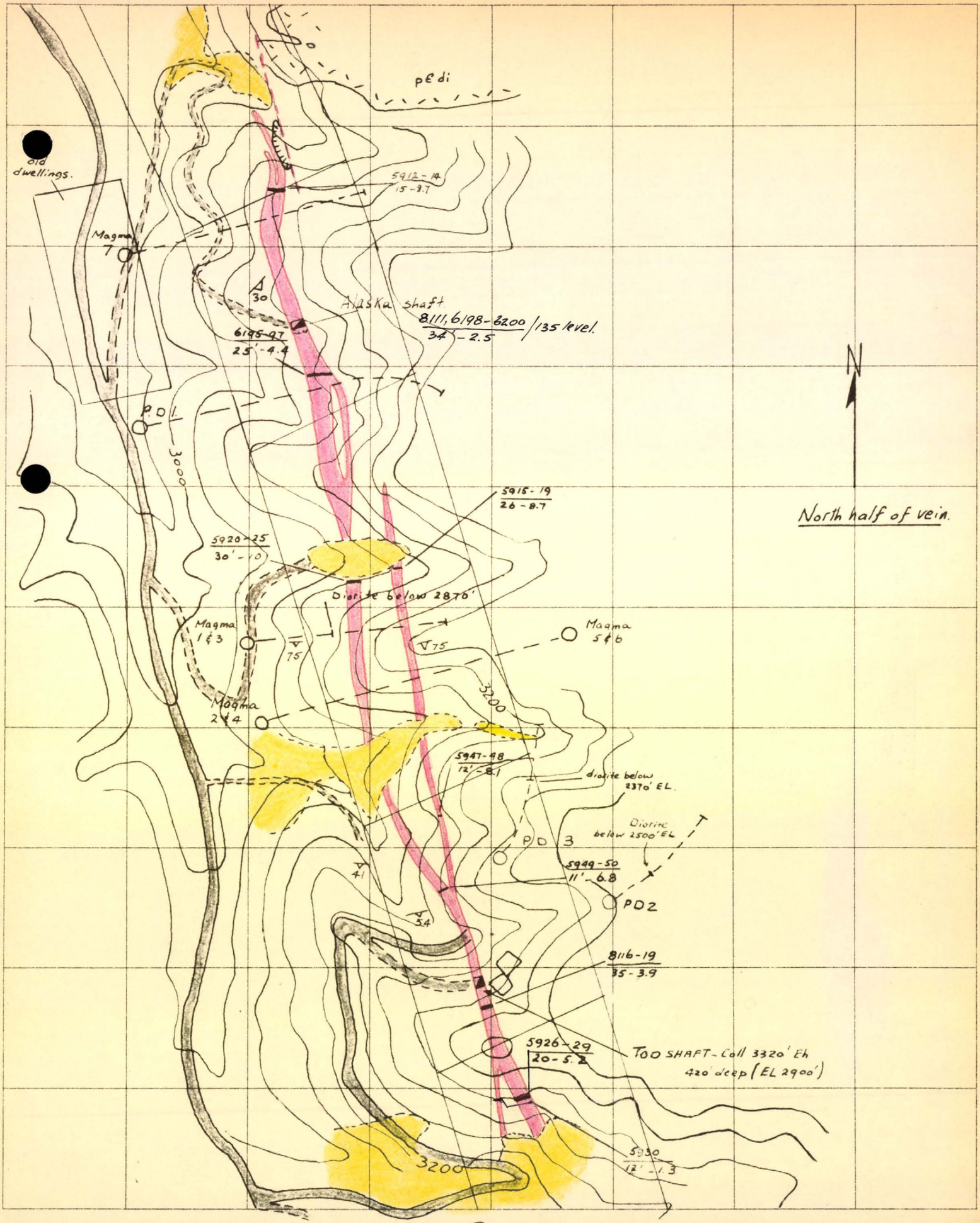
MINE Reymert LOCATION Pinal Co. LEVEL 400

GEOLOGY BY JDS & RJT SURVEY Tod Shaft SCALE 1" = 50' DATE 6-3-65



Note:
Water stands in shaft:
234½' below collar
96' below sill, 135 Lev
32' below sill, 200 Lev

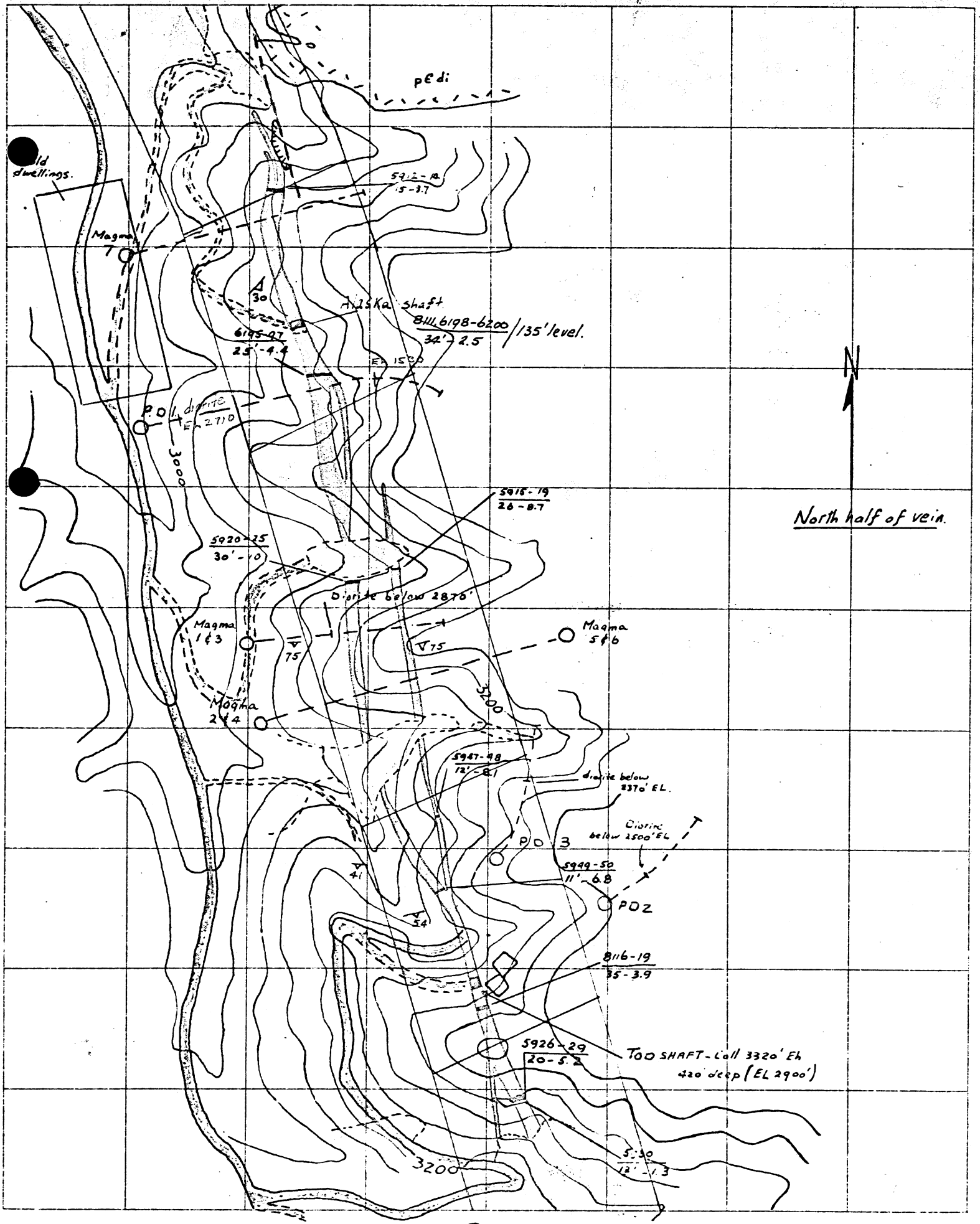
MINE REYMERT LOCATION PINAL Co. ARIZ LEVEL 135
GEOLOGY BY Modified from Walker's field map (P.D) SURVEY BRUNTON SCALE 1"=50' DATE 1964
Mod Ap 1965 J.E.K.



MINE REYMERT LOCATION Pinal County, Arizona LEVEL SURFACE

GEOLOGY BY Phelps Dodge SURVEY P.D SCALE 1" = 400' DATE

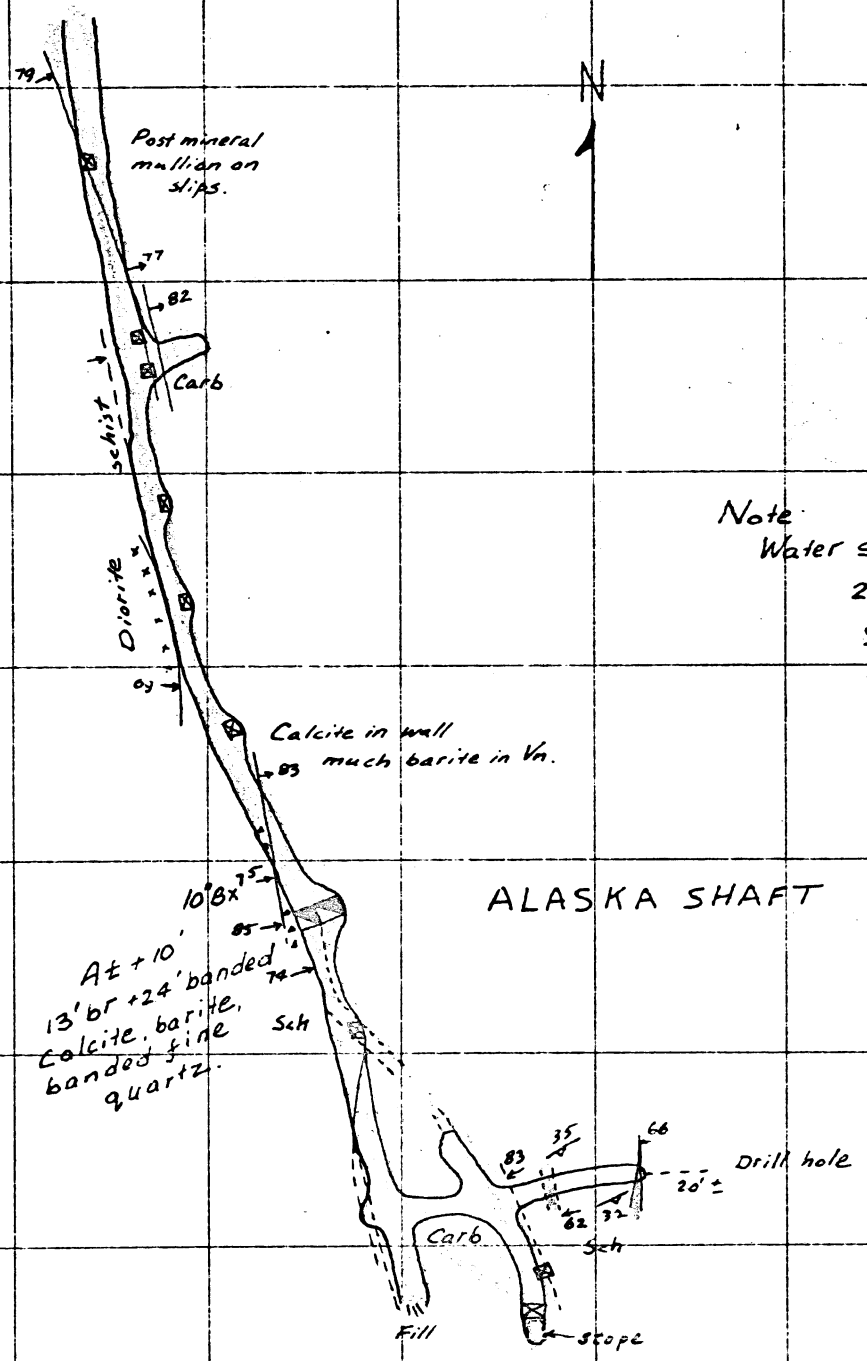
Contours: 40' interval.



MINE REYMERT LOCATION Pinal County Arizona LEVEL SURFACE

GEOLOGY BY Phelps Dodge SURVEY P.D SCALE 1"=400' DATE

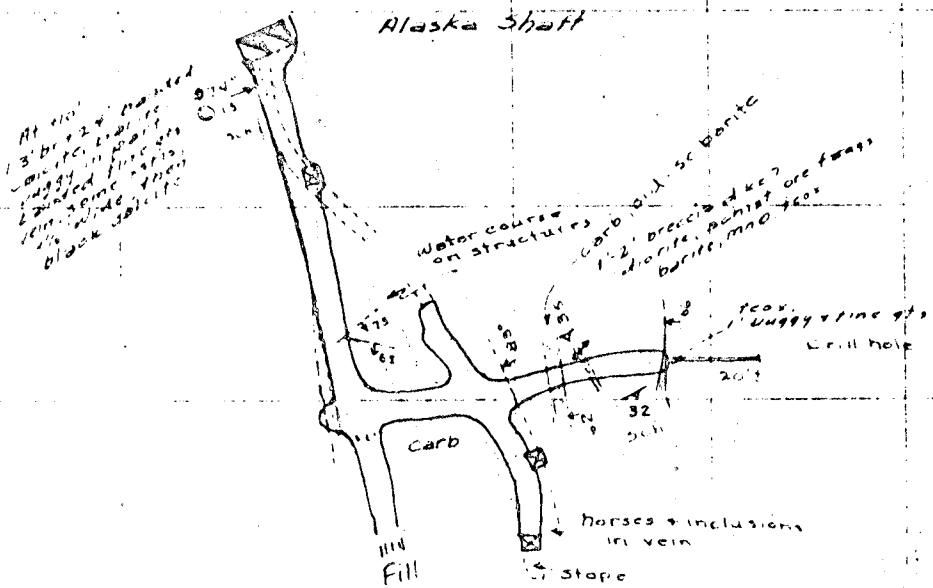
Contours: 40' interval.



Note
Water stands in shaft:
234½' below collar
96' below sill, 135 Lev
32' below sill, 200 Lev

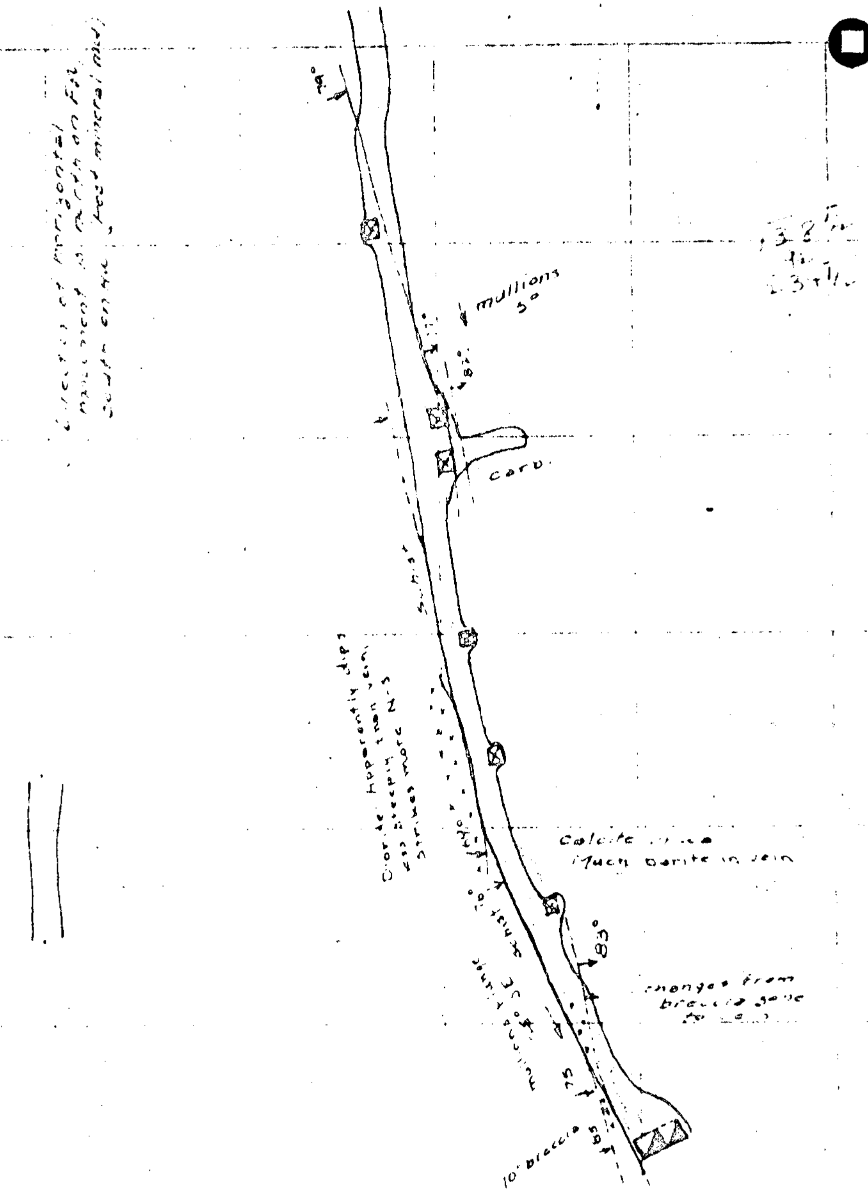
MINE REYMERT LOCATION PINAL Co ARIZ LEVEL 135
GEOLOGY BY Modified from Walker's field map (P.D) SURVEY BRUNTON SCALE 1"=50' DATE 1964
Mod Ap 1965 J.E.K

Rappert Mine
Pinal County, Ariz
135' Level
South Drift
Sheet #1
1" = 40'



PD

Reymert Mine
Pinal County, Ariz.
135' Level
North Drift
Sheet #1
1" = 40'



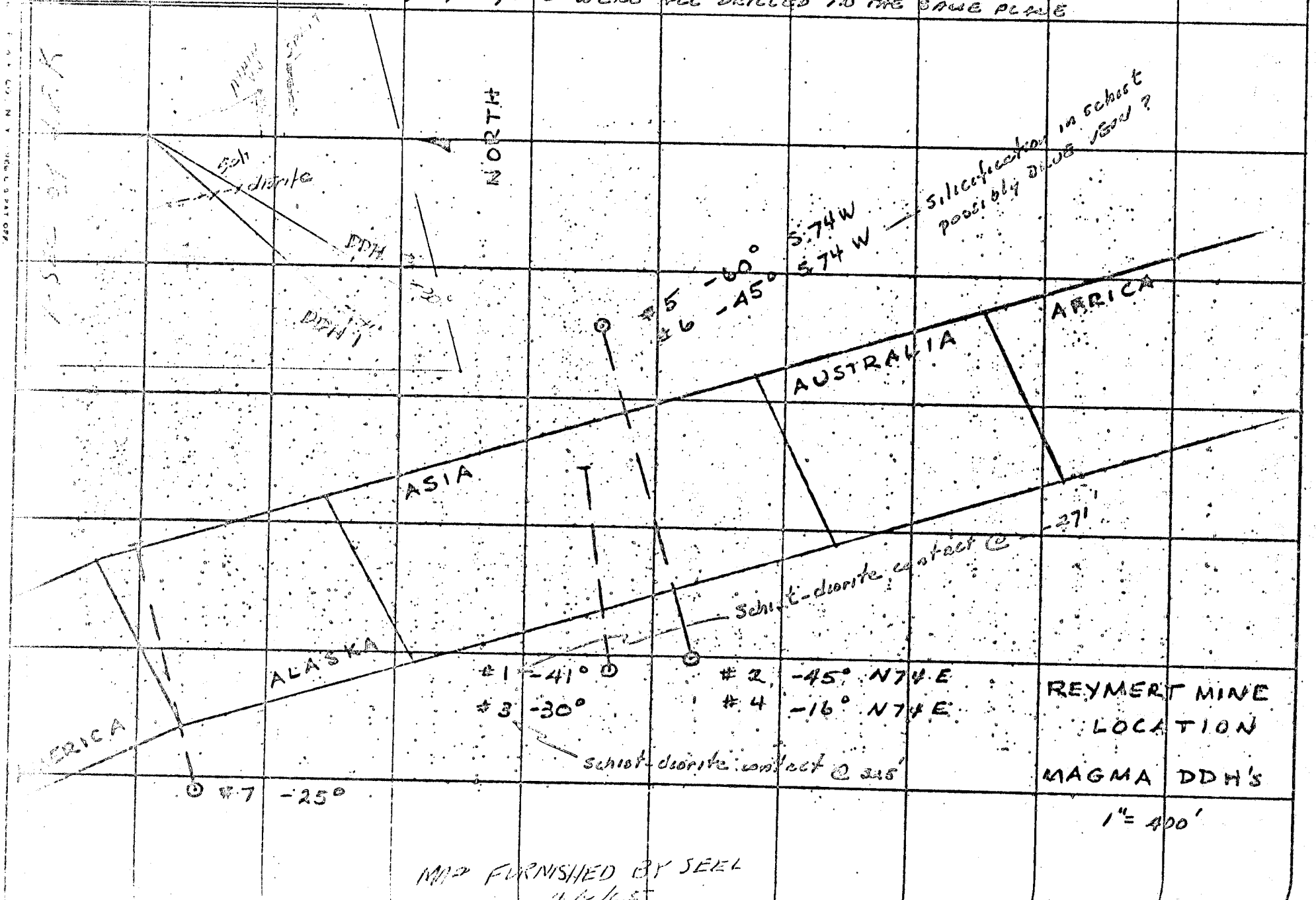
Note.
Water in Alaska shaft stands 32' below sill of 200, 76' below sill of 135, 234' below collar.

PP

JOHN -

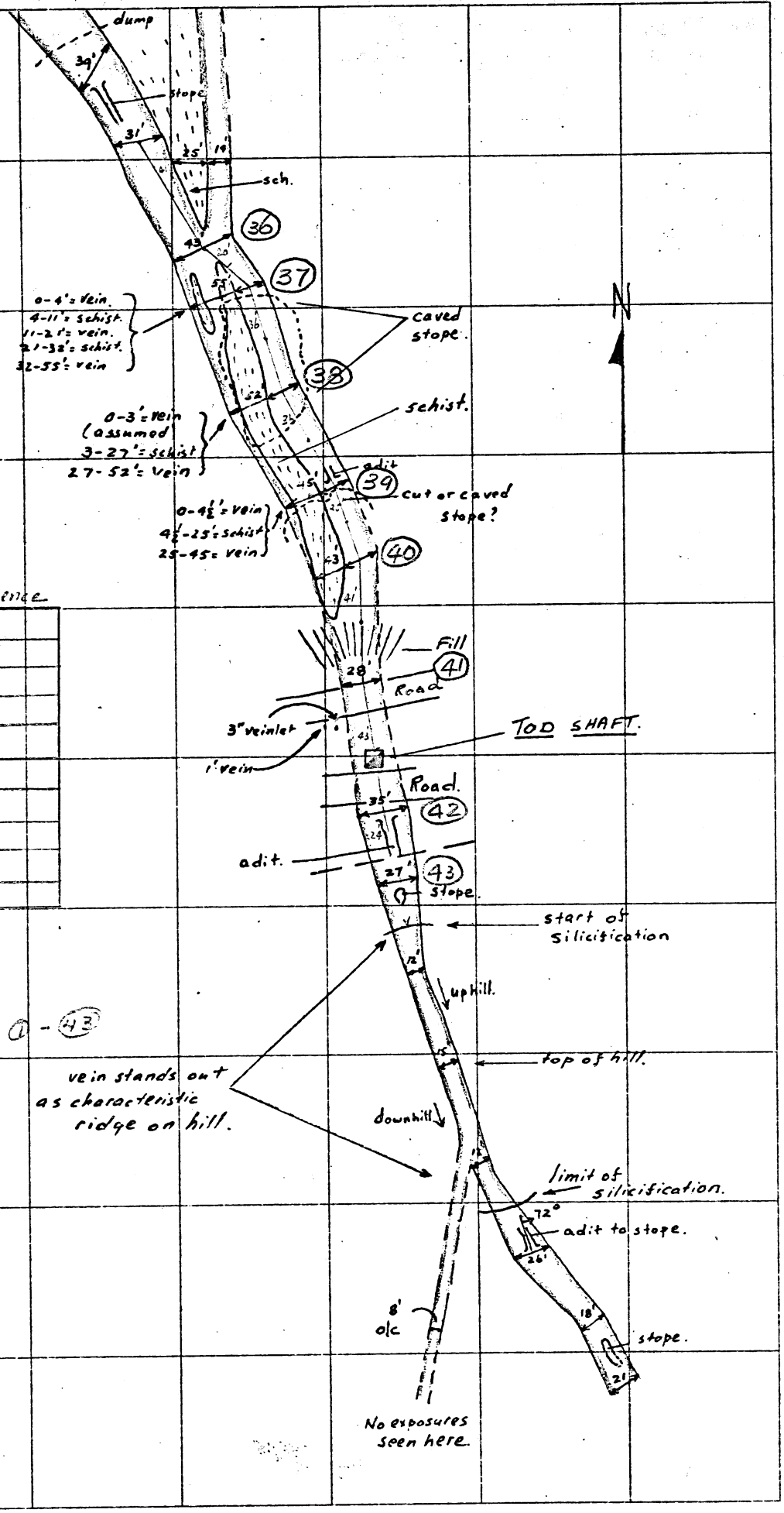
I BELIEVE D-D USED THIS FIELD SHEET FOR LOCATING THE MAGMA HOLES -- YOU CAN CHECK AS IT IS THE SAME SCALE AS THEIR MAP.

NOTE THAT HOLES #2, #4, #5, + #6 WERE ALL DRILLED IN THE SAME PLANE



MAP FURNISHED BY SEEL 4/2/65

DEC 1401



No.	Width	Length of Influence
35	31'	66'
36	43'	61'
37	23'	56'
38	25'	72'
39	20'	61'
40	23'	66'
41	28'	84'
42	35'	67'
43	27'	54'
A	25'	143

Subtotal: 730' ✓
Total: 2802' ✓

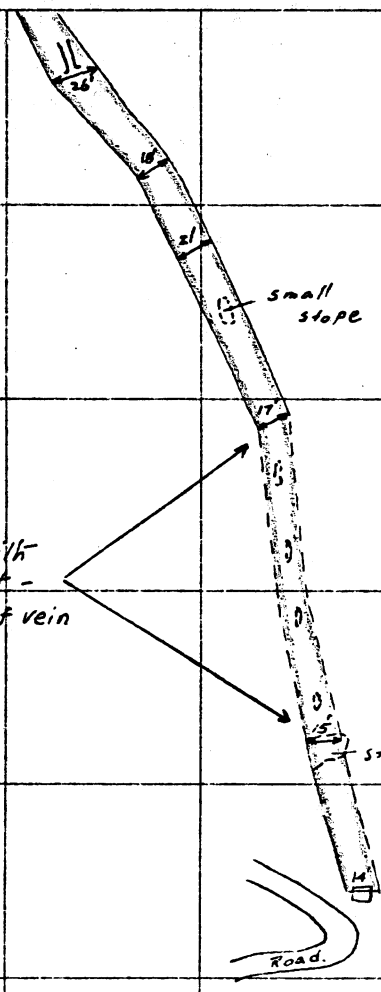
94612 ✓
2802'

Weighted Ave width @ - (43)
= 33.8 ft. ✓ new

Notes:
A - See p. 2

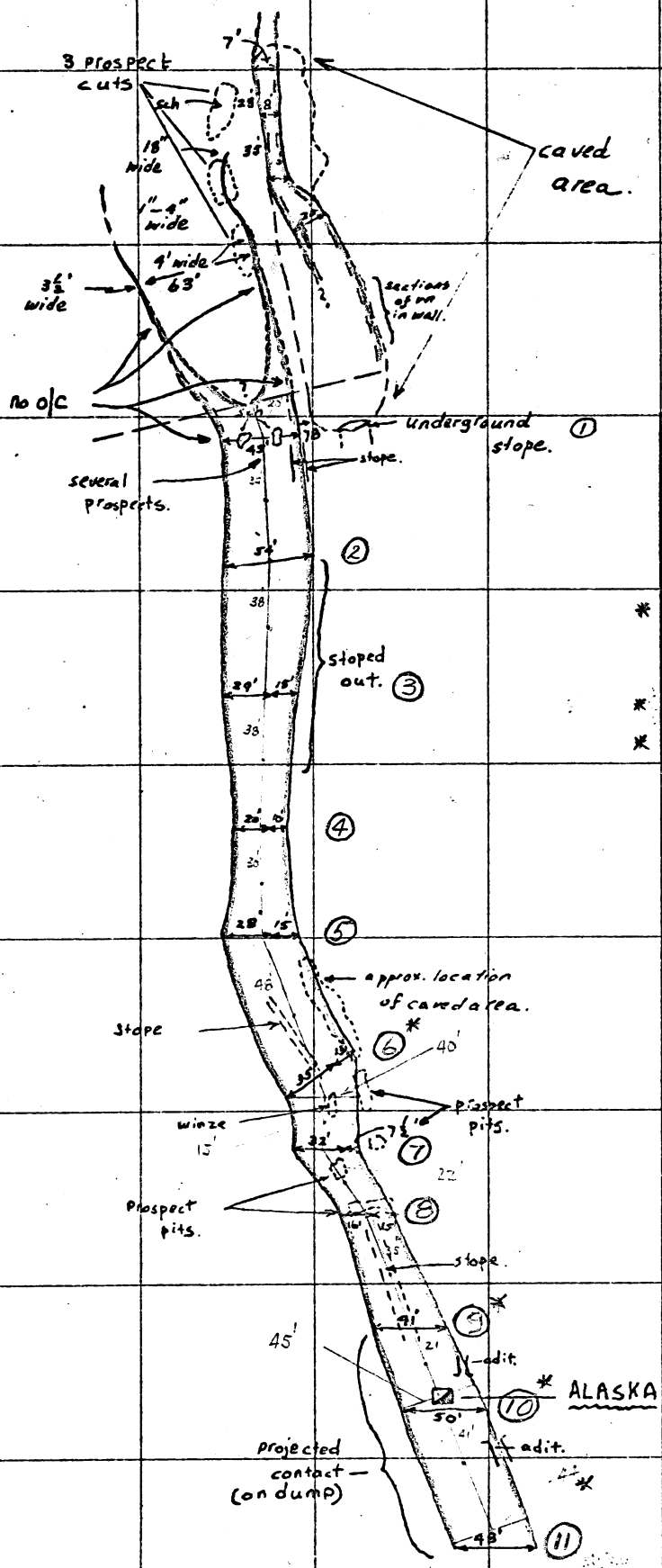
Straight arithmetic average
1452 ✓ / 43 ✓ = 33.76 ✓ new

MINE REYMERT LOCATION Pinal County, Ariz LEVEL Surface
GEOLOGY BY _____ SURVEY BHL SCALE 1" = 100' DATE April 26th 1965.



MINE REYMERT LOCATION Pinal County, Ariz. LEVEL surface

GEOLOGY BY _____ SURVEY _____ SCALE 1" = 100' DATE April 27th 1965



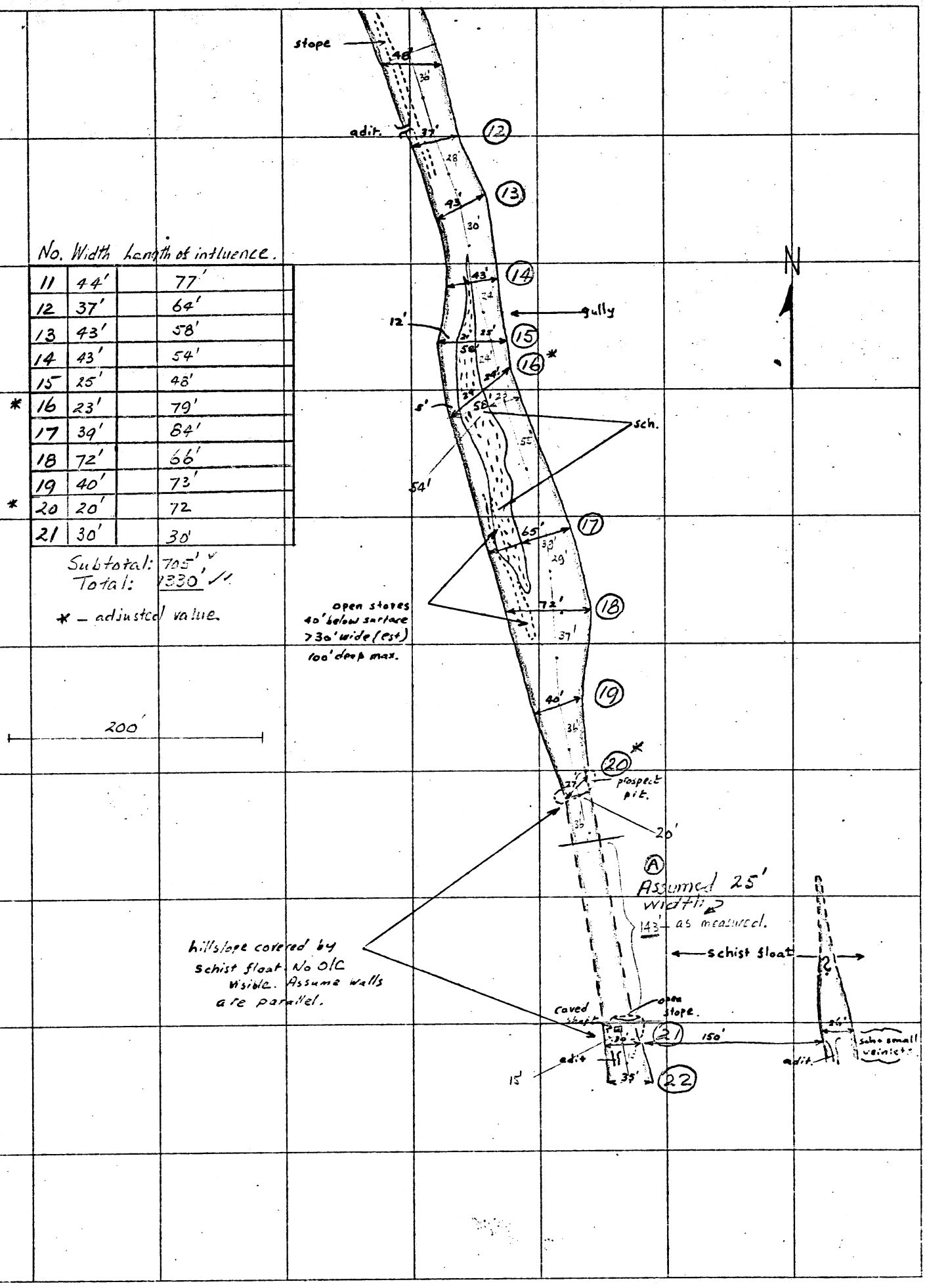
No.	Width	Length of influence
1	45'	55'
2	54'	73'
3	44'	76'
4	30'	68'
5	43'	78'
* 6	40'	63'
7	32'	37'
8	31'	57'
* 9	41'	56'
* 10	45'	62'

Total: 625' ✓✓

* - adjusted value.

MINE REYMERT LOCATION Pinal County Ariz LEVEL Surface

GEOLOGY BY _____ SURVEY R.H.L. SCALE 1"=100' DATE April 20, 1965.

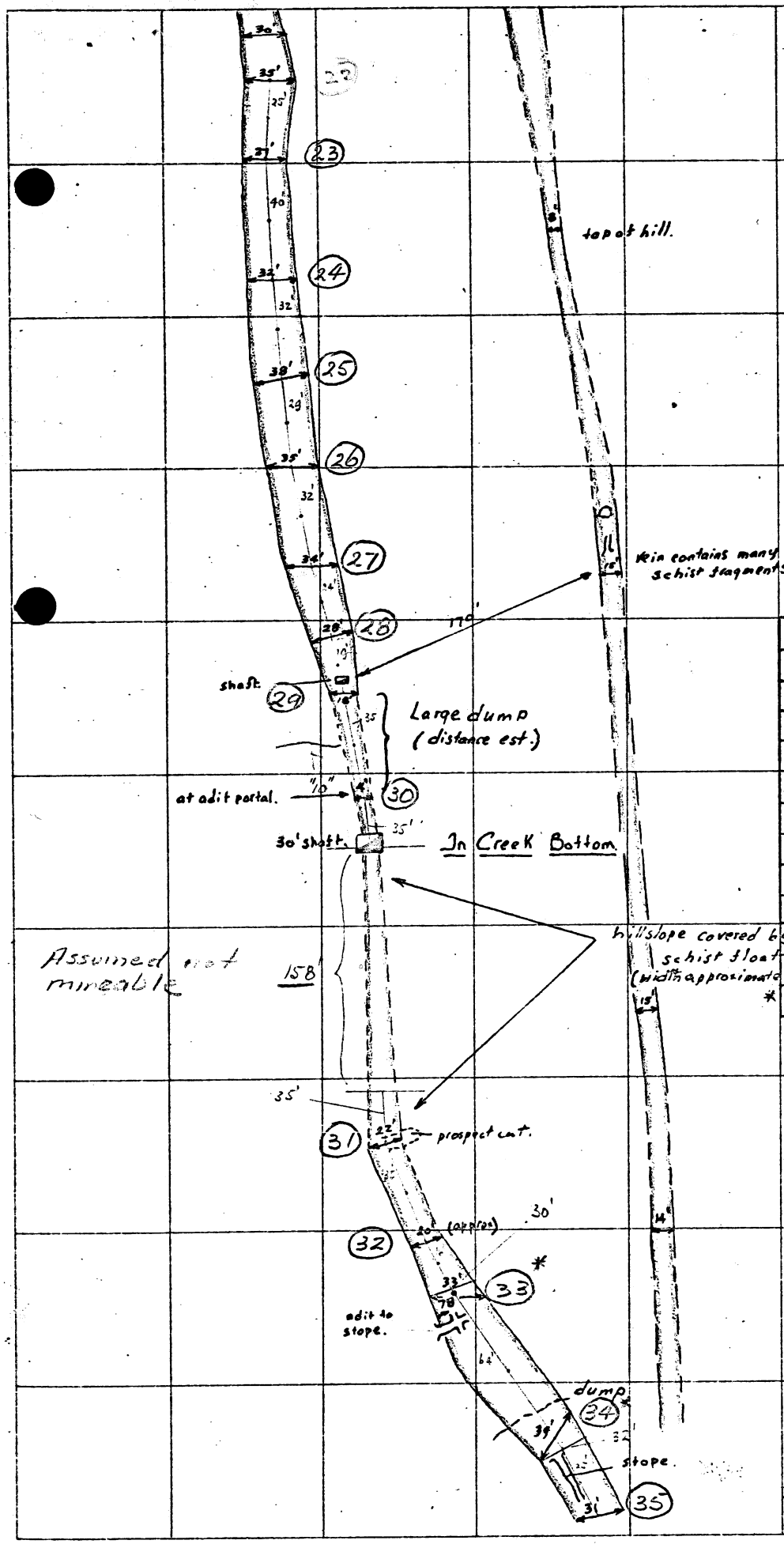


No.	Width		Length of influence.
11	44'		77'
12	37'		64'
13	43'		58'
14	43'		54'
15	25'		48'
* 16	23'		79'
17	39'		84'
18	72'		66'
19	40'		73'
* 20	20'		72
21	30'		30'

Subtotal: 705' ✓
Total: 1330' ✓

* – adjusted value.

MINE REYMERT LOCATION Pinal County, Ariz LEVEL surface
GEOLOGY BY _____ SURVEY R.H.L. SCALE 1" = 100' DATE April 21st 1965.



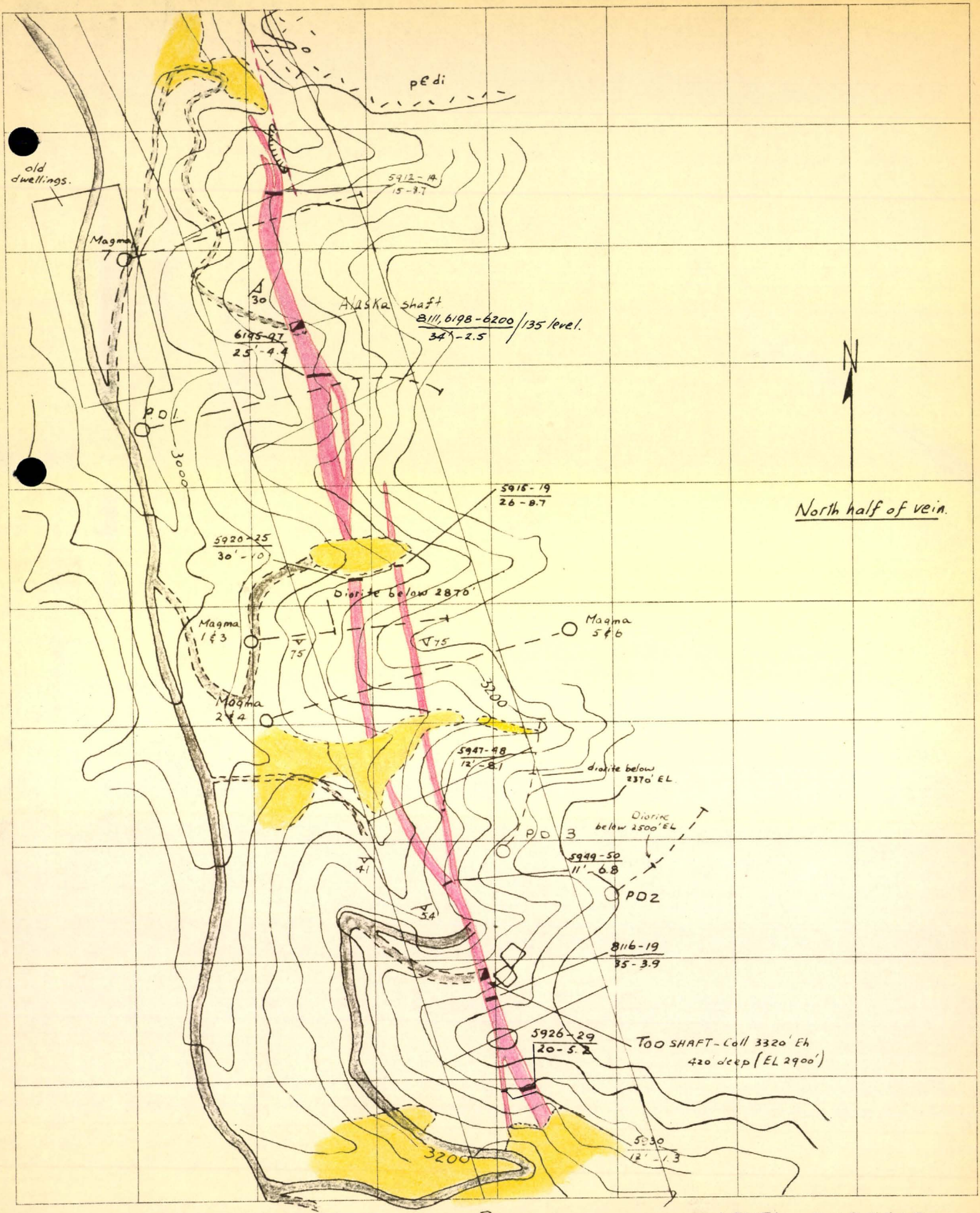
No	Width	Length of Influence
22	35	40'
23	27	65'
24	32'	72'
25	38'	61'
26	35'	61'
27	34'	56'
28	28'	43'
29	18'	52'
30	4'	70' (Exclude - too narrow)
31	22'	70'
32	20'	51'
33	30'	80'
* 34	32'	89'

Sub-total: 742' ✓

Total: 2072' ✓✓

MINE REYNEST LOCATION Pinal County Ariz LEVEL surface

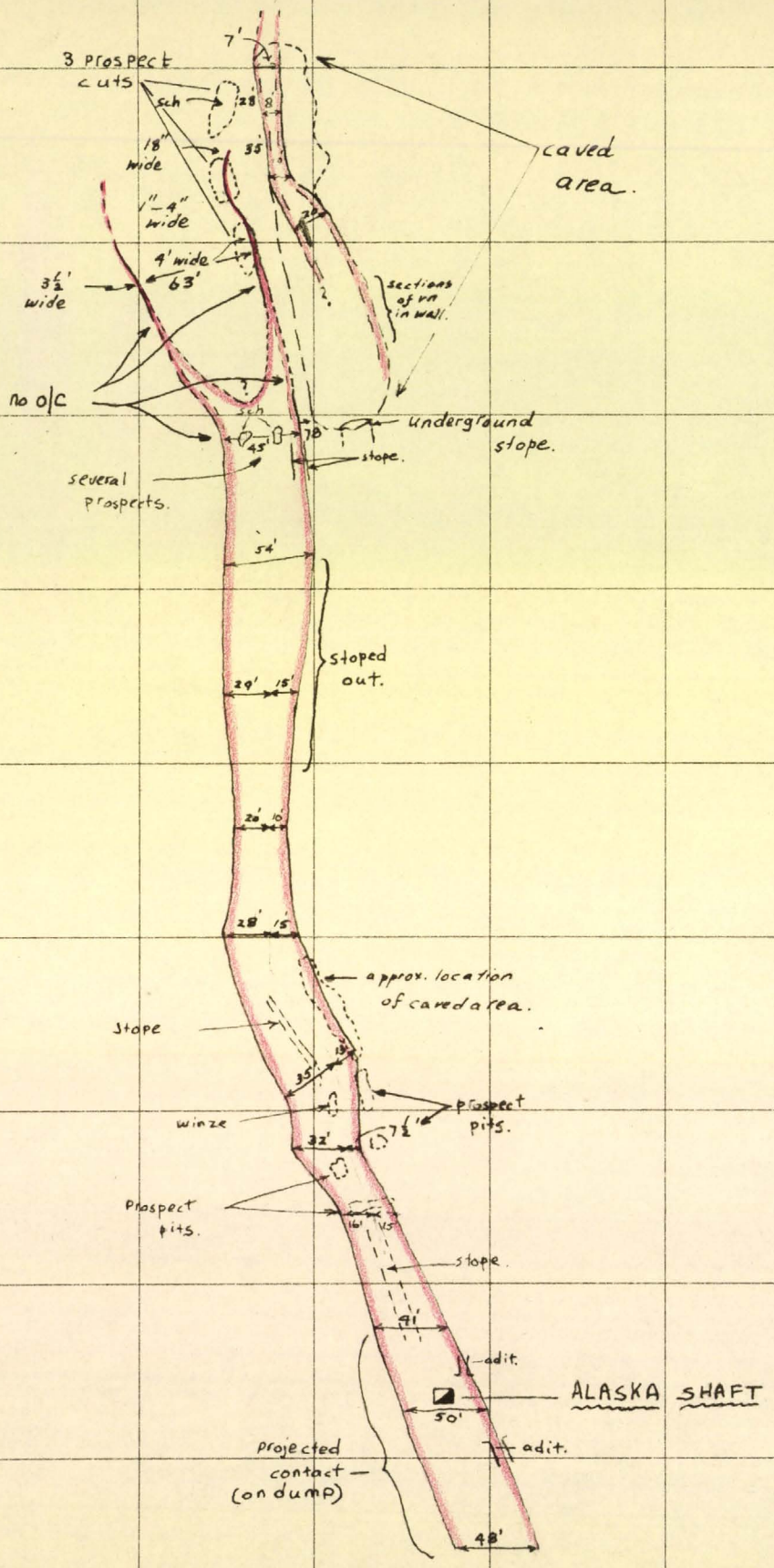
GEOLOGY BY _____ SURVEY RHL SCALE 1"=100' DATE April 22nd 1965.



MINE REYMERT LOCATION Pinal County, Arizona LEVEL SURFACE

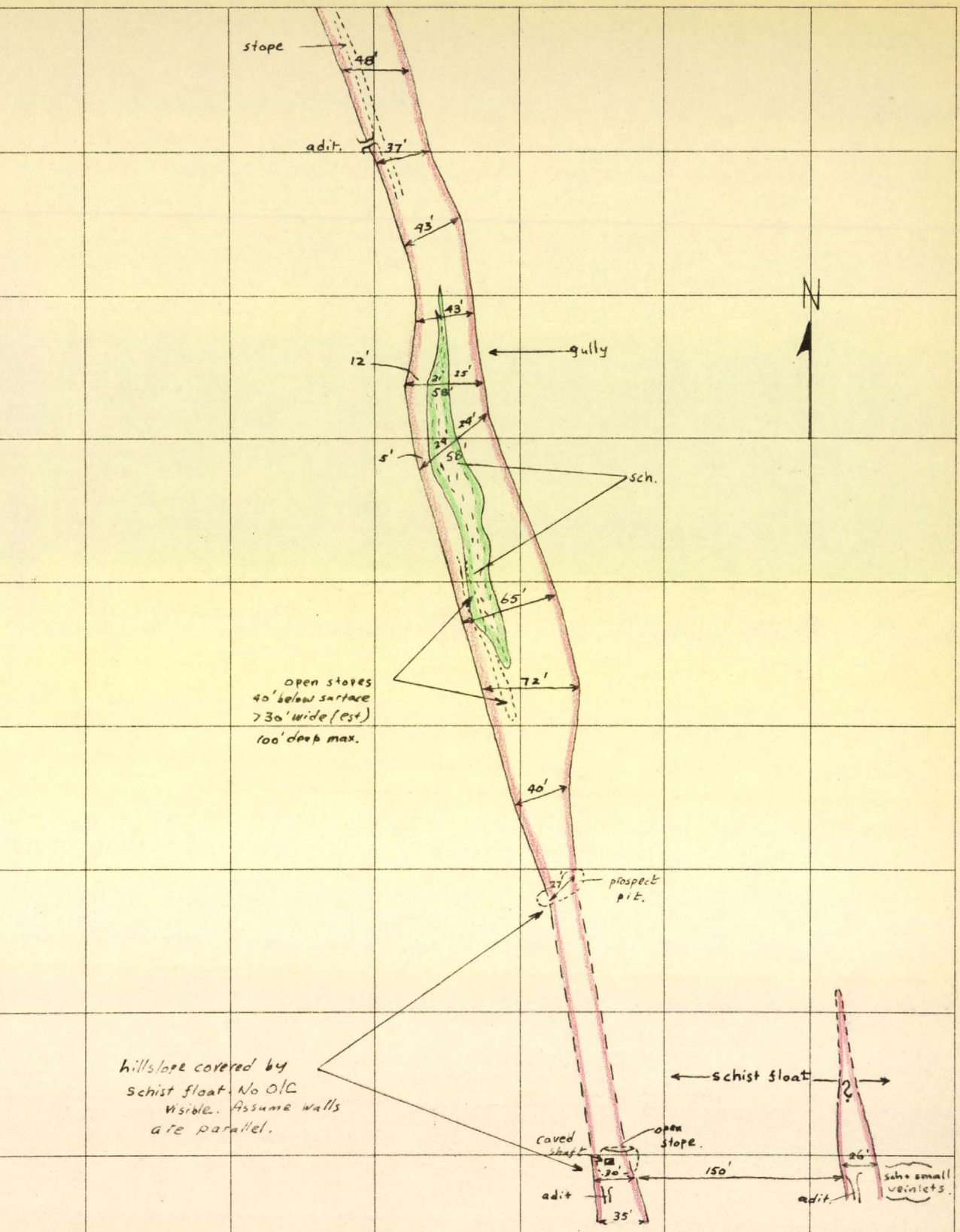
GEOLOGY BY Phelps Dodge SURVEY P.D. SCALE 1" = 400' DATE

Contours: 40' interval.



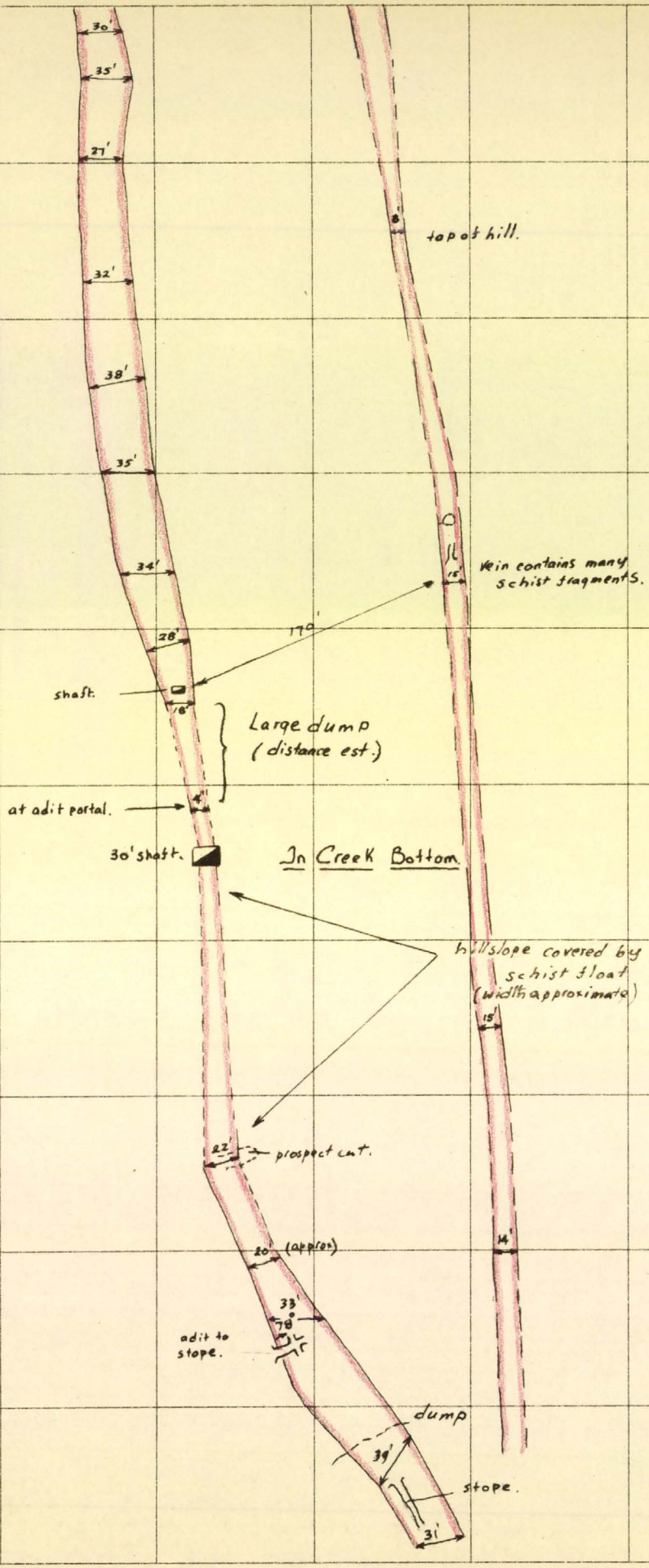
MINE REYMERT LOCATION Pinal County, Ariz. LEVEL surface

GEOLOGY BY _____ SURVEY R.H.L. SCALE 1"=100' DATE April 20, 1965.



MINE REYMERT LOCATION Pinal County, Ariz LEVEL surface

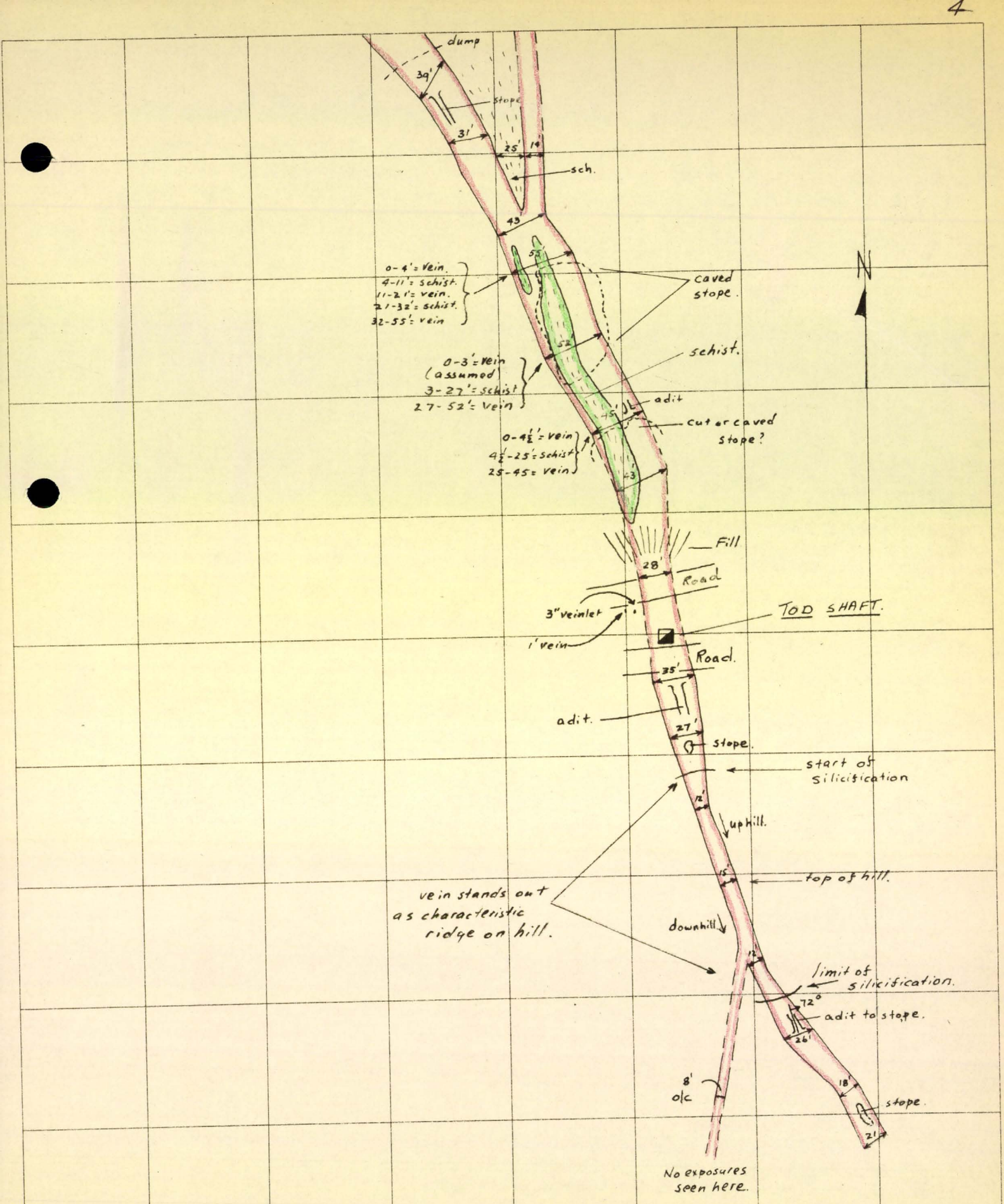
GEOLOGY BY _____ SURVEY R.H.L. SCALE 1" = 100' DATE April 21st 1965.



N

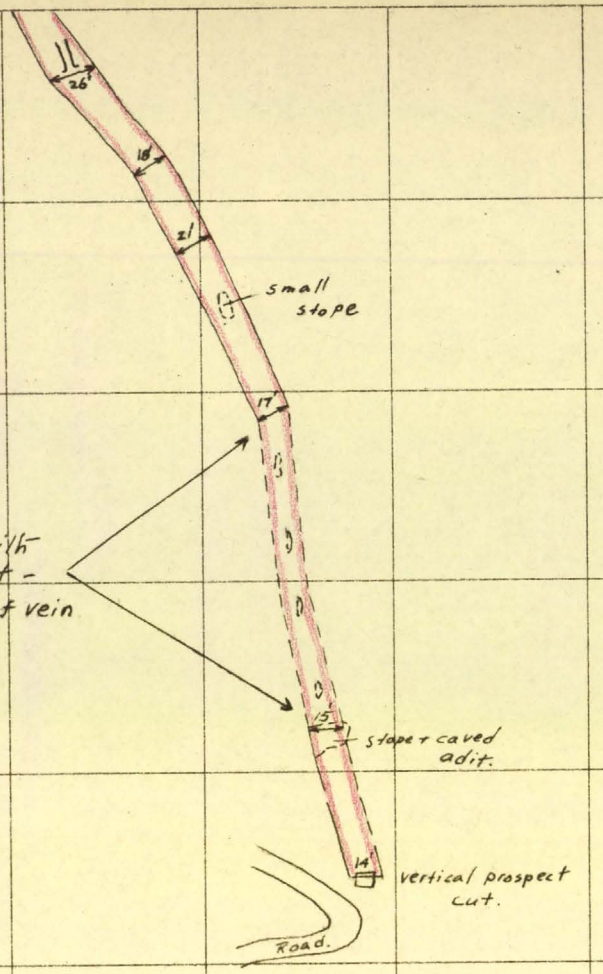
MINE REYMERT LOCATION Pinal County, Ariz. LEVEL surface

GEOLOGY BY _____ SURVEY R.H.L. SCALE 1" = 100' DATE April 21, 22nd 1965.



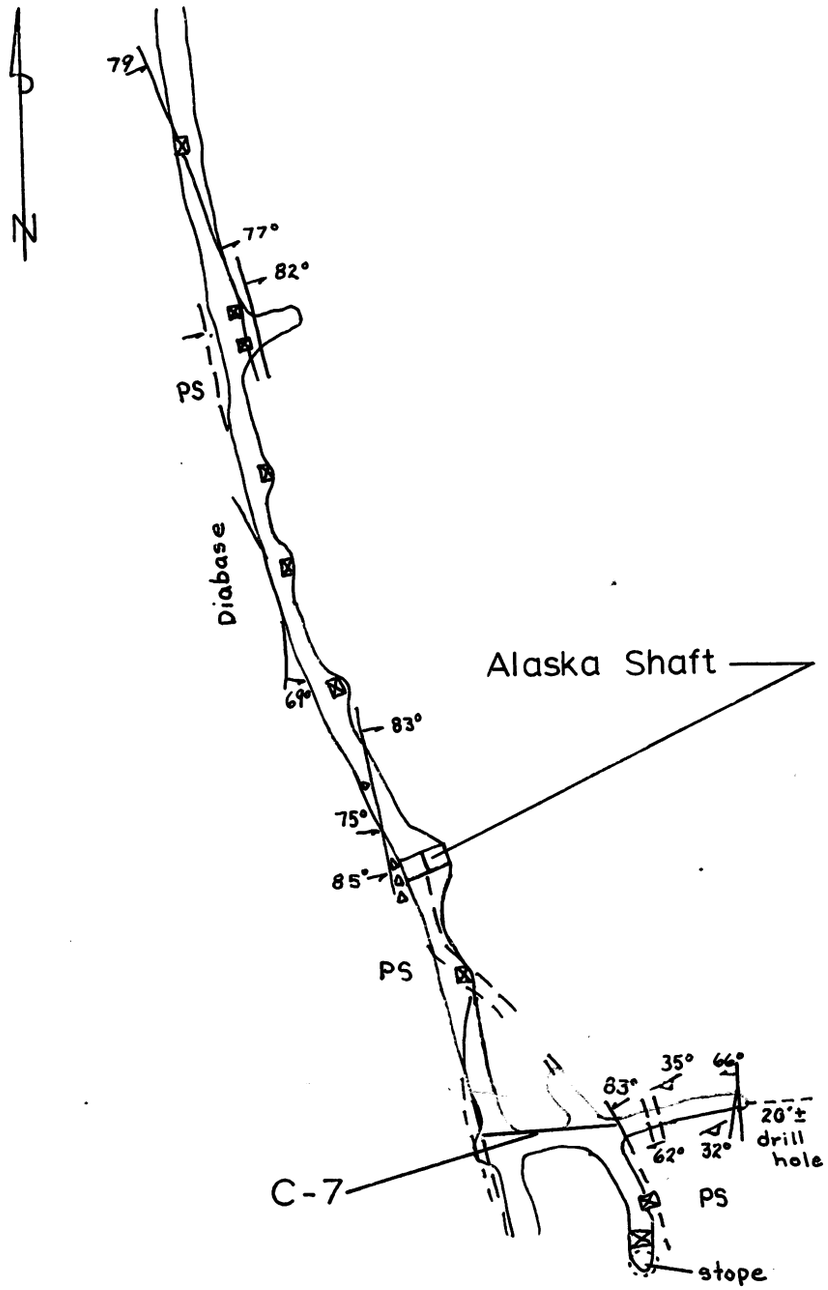
MINE REYMERT LOCATION Pinal County, Ariz. LEVEL surface

GEOLOGY BY _____ SURVEY BHL SCALE 1" = 100' DATE April 26th 1965.



MINE REYMERT LOCATION Pinal County, Ariz. LEVEL surface

GEOLOGY BY _____ SURVEY _____ SCALE 1" = 100' DATE April 27th 1965

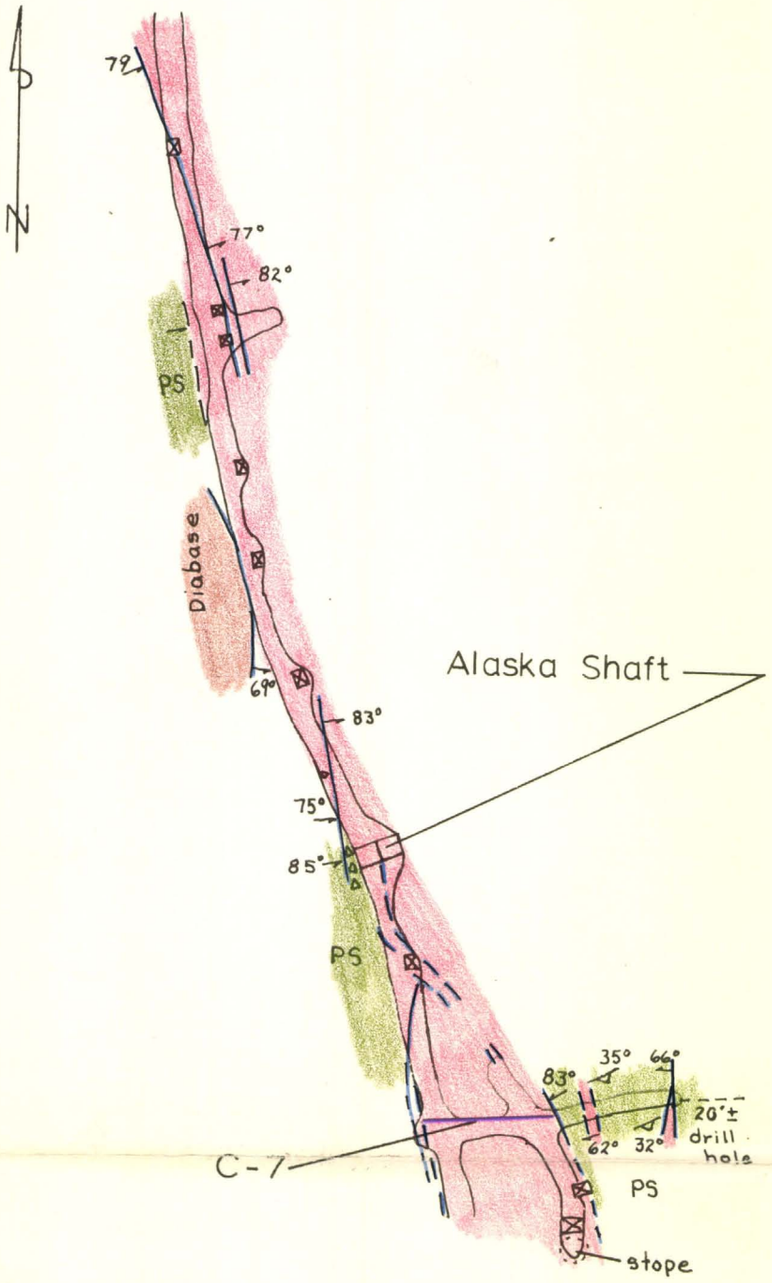


ASARCO

Reymert Mine
Pinal Co., Arizona
135 Level Plan
Scale: 1"=50'

Fault
Vein
Sample Line
Pinal Schist
Diabase

May 27, 1965
J.D.S. R.J.T.



ASARCO

Reymert Mine
Pinal Co., Arizona
135 Level Plan
Scale: 1"=50'

Fault
Vein
Sample Line
Pinal Schist
Diabase

May 27, 1965
J.D.S. R.J.T.