



CONTACT INFORMATION
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7/29/82

Call to Quincy Crane in Oatman AZ

~~786~~
768-4467 9⁰⁴ - 9⁰⁸ pm

Talked to Quincy's wife - he has passed away - I didn't ask when or details. I believe I talked to him about a year ago - say Spring of 81. Reported to Blair of Getty, Apr 4 1980 -

Asked Mrs Crane if they still had the Moss property - said she had his properties, but seemed vague about the Moss claim - She is going to check with someone else and I will call her back.

Call to Mrs Crane 7/31/82 4⁴¹ - 4⁵⁹ pm $\frac{59}{41} \frac{18}{18}$
She does ~~not~~ have the Moss Mine ^{Silver Creek} nor claims in Silver Creek which about it. Also have a property called the Independent (Patented) ^{in Silver Creek}
Thurs battle - have host & long bracket refs -

Idle lease has been dropped.

Retro Chem sold out to Getty oil

Don't think Getty has position now -

Bruce Worthley is a man about 30 and worked with Quincy since he was 16. Knows the district well. Lives out at some place part of the time - doesn't seem like he has a phone. He would be available to discuss all the properties.

All the maps of Quincy's properties are in the bar son in Buttehead City.

There is a motel in Oatman now.

Mrs Crane is usually home in the evening. She wanted only to talk about her properties - they have various in Oatman. Wants me to come up to Oatman

Consulting Mining Geologist
Registered: Arizona
California

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

(602) 888-4794

April 4, 1980

Mr. Robert Blair
Getty Oil Company
P. O. Box 15668
Salt Lake City, Utah 84115

RE: Quincy Crane gold
Mohave Co., Arizona

Dear Bob:

I briefly met with Quincy Crane to examine a portion of the subject properties on October 26, 1979, and reported the results thereon to you by letter of November 16, 1979. At that time, the assays indicated that Quincy Crane's judgement of gold content was highly suspect.

At his insistence that the quartz from the 65 foot shaft in the Thumb Butte area always yielded an assay, that he had panned a portion of the quartz vein from his drill hole No. 1 and obtained a gold trail, and his further insistence that the Ida shaft dump always yielded assays of 0.1 to 0.2 oz Au, I had Jacobs Assay Office rerun the pulps, and then the rejects. The original samples as prepared by American Analytical were crushed in a Crusheroll to approximately minus 1/4 mesh. They then pulped and assayed using a one assay ton charge. Jacobs used one assay ton charges on the same pulp, and took a split out from the reject and prepared a second pulp for assay.

Assay sheets from both offices are attached. The results as tabulated by Table 1, which gives the assays for those samples which Quincy believed would contain small but at least substantive values in gold, indicate that the first results sent to you (American Analytical) were in error in the gold assay. I have no idea how this is possible but it seems to be the case. Those samples in which Quincy felt there was gold are indicated by Jacobs in both the assay of the original pulp and in the pulp from the reject to contain substantive gold values, whereas American Analytical assays indicated very minute quantities of gold. It will be noted that the Jacob assays of American Analytical pulp versus Jacob assays of rejects do not agree within acceptable range, but they are close enough to substantiate one another, versus the results given by American Analytical. Since this work was done I have had trouble at the Jacobs Assay Office in proper duplication of samples, and have decided not to use their firm any longer. The work there is now done by Ben Jacobs' son, Mike, and the results appear to have suffered accordingly.

The results shown by Table 1, however, are important because they substantiate Crane's assessment of measurable values in gold. His credibility, therefore, appears to be as reasonable as any knowledgeable claim holder.

Also attached for your reference is an index map showing the location of Quincy's diamond drill hole No. 1, in relation to Oatman. A geologic log of a part of his drill hole, which was split and assayed here in Tucson, is also attached.

I have made inquiries regarding the acceptability of fire assaying by Skyline Labs, and have received favorable comments. As you originally noted,

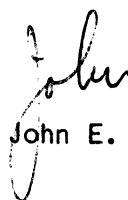
Mr. Robert Blair

-2-

April 4, 1980

they have a Crusheroll which is favorable for reducing samples in one pass before splitting. The work done by American Analytical has always been reliable in the past, and I just recently sent some samples to them, despite their apparent "bust" on the Quincy Crane samples. As far as having two-assay ton charges run here in Tucson, I find that no one possesses crucibles and furnaces of the appropriate size, and the best that we can do here in town is to have duplicate assays run on the same pulp, or duplicate pulps made from the same sample. With respect to sampling the Moss vein area, where Quincy believes there is disseminated low-grade gold, you might elect to have an assayer somewhere else run the samples. They could be prepared and pulped here to reduce shipping costs. I do not personally know without research any commercial assaying firm which has the available equipment - perhaps Union Assay in Salt Lake does.

Yours very truly,



John E. Kinnison

JEK:sbc

atches.: Assay sheets
Table I
Index map
Geologic log

1435 SOUTH 10TH AVENUE
TUCSON, ARIZONA 85713

Jacobs Assay Office

Registered Assayers

Since 1880



PHONE 622-0813

Certificate No. _____

TUCSON, ARIZONA 85702

10 Jun 1980

Sample Submitted by Mr

John Kinnison

SAMPLE MARKED	Au oz/ton	X	Ag oz/ton	SAMPLE MARKED	Au oz/ton	X	Ag oz/ton
Rejects 4246	0.13		0.45	Rejects CON-1-A	0.02		0.20
" 4247	0.07		1.15	" 1-B	0.005		0.20
				" 1-E	0.005		0.25
-ps 4246	0.15		0.20	" 1-F	0.005		0.15
" 4247	0.055		0.65	4245	Trace		0.10
" CQD1C	0.30		0.90	4248	0.16		0.45
ALPS CQD 1A	Trace		0.10				
" 1B	Trace		0.15				
" 1D	Trace		0.15				
" 1E	Trace		0.10				
" 1F	Trace		0.15				
" 4245	Trace		0.15				
4248	0.27		0.25				

* Gold Figured \$300.00 per oz. Troy

Charges \$

98⁰⁰

PL CK 623

2/5/80

Very respectfully,

W. S. Jacobs

1435 SOUTH 10TH AVENUE
TUCSON, ARIZONA 85713

Jacobs Assay Office

Registered Assayers

Since 1880



PHONE 622-0813

Certificate No. _____

TUCSON, ARIZONA 85702

10 Jun 1980

Sample Submitted by Mr

John Kinnison

SAMPLE MARKED	Au oz/ton	X	Ag oz/ton	SAMPLE MARKED	Au oz/ton	X	Ag oz/ton
Rejects 4246	0.13		0.45	Rejects C&D-1-A	0.02		0.20
" 4247	0.07		1.15	" 1-B	0.005		0.20
" 4246	0.15		0.20	" 1-E	0.005		0.25
" 4247	0.055		0.65	" 1-F	0.005		0.15
" C&D-1-C	0.30		0.90	4245	Trace		0.10
				4248	0.16		0.45
WPS C&D 1A	Trace		0.10				
" 1B	Trace		0.15				
" 1D	Trace		0.15				
" 1E	Trace		0.10				
" 1F	Trace		0.15				
" 4245	Trace		0.15				
4248	0.27		0.25				

* Gold Figured \$300.00 per oz. Troy

Charges \$

98.00

PR CL 623

2/5/80

Very respectfully,

W. S. Jacobs

TABLE I

PARTIAL ASSAY COMPARISON

SAMPLE NO.	RESULTS, Troy Oz/Ton						DESCRIPTION
	AMERICAN ANALYTICAL		JACOBS (Pulp)		(Reject)		
	Au	Ag	Au	Ag	Au	Ag	
CQ-D-1C	0.021	1.01	0.30	0.90	-	-	Quartz vein, Quincy DDH-1, Thumb Butte area
4246	0.010	0.20	0.15	0.20	0.13	0.45	"65 ft shaft", Thumb Butte area, selected quartz pieces from dump.
4247	0.013	0.35	0.055	0.65	0.07	1.17	Ida shaft dump, Oatman, select quartz samples.
4248	0.014	0.49	0.27	0.25	0.16	0.45	Ida shaft dump, grab sample.

THE OATMAN AND KATHERINE DISTRICTS

9

now inaccessible deal chiefly with the geologic history of the district as a whole.

The Arizona Bureau of Geology examined the Verde Copper made, chiefly by geology, faulting,

country rocks has scientific interest,

of the data district. Among the Light and any, Mr. J. W. immick of the acts have been ties.

es, kindly com-

the University in the labora- ing the prepa-

of the mining Road District, in reality, these San Francisco Mining around Oatman the intervening and south of veins, is more by subdivision ict is made in acquainted with rea under dis-

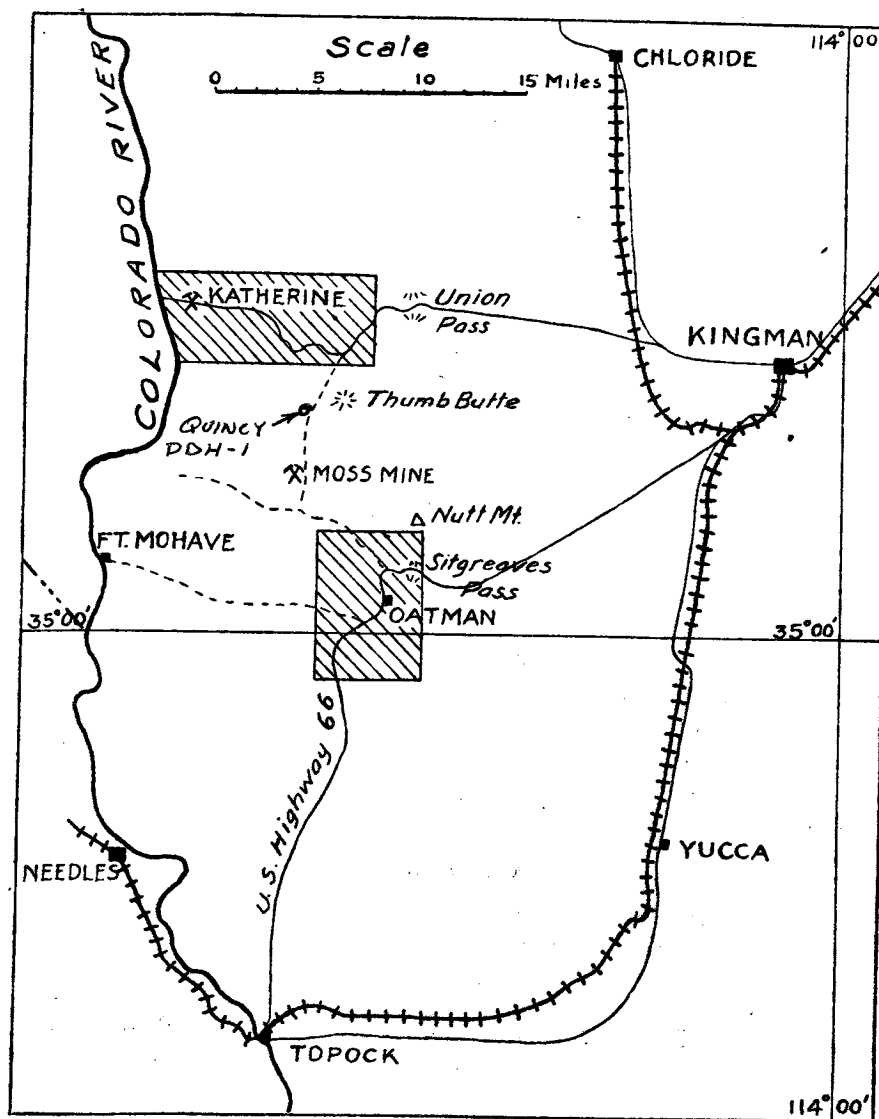


Fig. 1.—Index map of the Oatman and Katherine Districts.

cussion when the terms Oatman District or Katherine District are used rather than when the broader term, San Francisco Mining District, is employed.

All the important veins in both districts occur on the west slopes of the Black Mountains, in the western part of Mohave County. Highways connecting the mining camps with Kingman,

G E O L O G I C A S S A Y L O G

HOLE NO 1
 SHEET NO 1 OF 2
 DATE COMPLETED
 LOGGED BY: JEK

COORDINATES Sec. 29, T21N, R20W

INCLINATION (-)60°+
 Property Mother Lode, Quincy Crane,
Thum Butte Area

* NOTE: Original sample prep. & assay by American Analytical,
 reassayed as shown here by Jacobs Assay Office.

DEPTH	INTERVAL	SAMPLE NUMBER	CORE SIZE	CORE REC %	ASSAY *						ROCK TYPE AND REMARKS
					Troy Ounces/Short Ton			PULP			
					REJECT						
					Au	Ag		Au	Ag		
Surface											Oatman Andesite(?)
260	Begin Log										
270	10	CQD-1A	AX	95	0.002	0.20	Tr	0.10			Porphyritic andesite, probably Oatman andesite. Feldspar partly clay. Few seams of calcite. Appears unmineralized ex for hem on fractures in the bottom 2 feet (268-270')
273	3	CQD-1B	AX	75	0.005	0.20	Tr	0.15			Altered andesite. Porphy tex observed. Rock broken with hematite on slips. Hematite also thruout as is clay zones which are inclined +45°. General silicification.
275	2	CQD-1C	AX	100	None	None	0.30	0.90			Quartz vein zone. Crushed and recemented by hem and quartz. Minute py crystals. 1/16% estimated. NOTE: This section was sawed with diamond saw. Noticed a few tiny specs of native gold(?) under binocular microscope, but might be pyrite.
280	5	CQD-1D	AX	75	Omitted	Omit	Tr	0.15			Altered andesite, much as in 270-273'.
289	9	CQD-1E	AX	87	0.005	0.25	Tr	0.10			280-282' 90% Recov. Weakly alt. andesite. Brecciation cemented by hem & minor clay and calcite veinlets.

HOLE NO 1
SHEET NO 2 OF 2
DATE COMPLETED _____
LOGGED BY: J. J. JEK

COORDINATES Sec.29, T21N, R20W

INCLINATION
(-)60°+—

Property Mother Lode, Quincy Crane,
Thum Butte Area

* NOTE: Original sample prep. & assay by American Analytical, reassayed as shown here by Jacobs Assay Office.

[illegible]

1435 SOUTH 10TH AVENUE
TUCSON, ARIZONA 85713

Jacobs Assay Office

Registered Assayers

Since 1880



PHONE 622-0813

Certificate No. _____

TUCSON, ARIZONA 85702

10 Jun, 19 80

Sample Submitted by Mr _____

John Kinnison

SAMPLE MARKED	Au oz/ton	X	Ag oz/ton	SAMPLE MARKED	Au oz/ton	X	Ag oz/ton
Rejects 4246	0.13		0.45	Rejects CQD-1-A	0.02		0.20
" 4247	0.07		1.15	" 1-B	0.005		0.20
				" 1-E	0.005		0.25
Pblps 4246	0.15		0.20	" 1-F	0.005		0.15
" 4247	0.055		0.65	4245	Trace		0.10
" CQD1C	0.30		0.90	4248	0.16		0.45
Pblps CQD 1A	Trace		0.10				
" 1B	Trace		0.15				
" 1D	Trace		0.15				
" 1E	Trace		0.10				
" 1F	Trace		0.15				
" 4245	Trace		0.15				
4248	0.27		0.25				

* Gold Figured \$300.00 per oz. Troy

Charges \$

98.00

PR CL 623
2/5/80

Very respectfully,

W. S. Jacobs

AMERICAN ANALYTICAL and RESEARCH LABORATORIES

ASSAYERS - CHEMISTS - METALLURGISTS

TUCSON, ARIZONA 85714

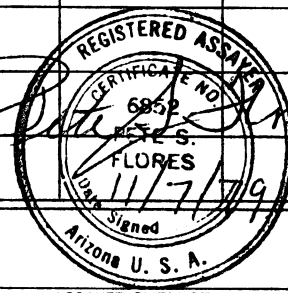
SAMPLE SUBMITTED BY John E. Kennison

DATE _____

[illegible]

CHARGES \$ 55.00

INVOICE NO. 16661



ASSAYER-CHEMIST



Consulting Mining Geologist

5115 N. ORACLE ROAD • TUCSON, ARIZONA 85704
(602) 888-4794

GENERAL EXPLORATION • DRILLING ENGINEERING

From the Desk of **JOHN E. KINNISON**

Wally Anderson (702) 878-5940
Las Vegas -

Oatman 1967 7 1/2"
Union Pass 7 1/2"
M+ Nutt 7 1/2"

Consulting Mining Geologist
Registered: Arizona
California

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

(602) 888-4794

November 16, 1979

Mr. Robert Blair
Getty Oil Company
P. O. Box 15668
Salt Lake City, Utah 84115

RE: Quincy Crane Gold Claims

Dear Bob:

Please find attached the assay returns from some grab samples, taken on my recent trip to the subject prospects, and a transcription of notes dictated on the return flight. These are not bulk samples, but were selected as probable gold bearing quartz - according to Quincy Crane.

Also, we sawed the quartz vein (about 12" recovered) cut by his drill in the Thumb Butte area. Quincy has sawed half of his half (1/4 of the original core) and sent it to another assayer, in Denver I believe. He is convinced that he sees free gold in the core, but all I could see were tiny grains of pyrite(?).

He is pushing the area in which he is drilling as "another Oatman district." The claims at Oatman are on lease, as you know, to Petro-Chem. He seems somewhat indifferent towards the Moss vein and possible low-grade in the Moss porphyry.

The results of the assays are so discouraging that I would like to know if you wish to continue.

Yours very truly,

John E. Kinnison

JEK:sbc
encls.

Leaving Tucson International Airport on Hudgin Air Service Charter

John Kinnison recording

Weather: clear, little wind

Time of departure 8:10 AM, Saturday, October 26, 1979

ETA to Kingman: approximately 2 hours

NOTE B

10-29-79 John Kinnison recording: Notes on flight return from Kingman

RE: Quincy Crane gold prospects

Have completed the quick one day examination with Quincy Crane guiding. West into his area in the Union Pass District where he is core drilling west of Thumb Butte, which area is best described as a \pm one mile basin cut in andesitic volcanic rocks (Oatman andesite?) and is overlapped by rhyolitic volcanics such as make up Thumb Butte. These appear to be tuffs and flows, viewed from a distance. The one drill hole just completed has intersected the vein on the claim by the "65 foot shaft", in the Thumb Butte basin with rather poor recovery. This was sawed into 2 halves in Oatman - I am bringing back with me one-half of a sawed portion plus some 10 feet of footwall and hanging wall adjacent to the vein section. Quincy plans more holes in that area. The other vein system, which is leased to Petro Chemical, is in the town of Oatman where they have 2 drills operating. The basin of possible low grade mineralization at the end of the Moss vein, in the Moss porphyry, is about 6 miles southerly from the area he is drilling, but must be approached by Oatman. I am told the road is in very bad condition and does require a 4-wheel drive vehicle.

Therefore, I was only able to examine the area around Thumb Butte and got a brief review of the geology and layout of the Oatman district proper, where Petro Chemicals has one of the veins systems leased from Quincy Crane.

3141 East Miller

Phone 889-5787

AMERICAN ANALYTICAL and RESEARCH LABORATORIES

ASSAYERS · CHEMISTS · METALLURGISTS

TUCSON, ARIZONA 85714

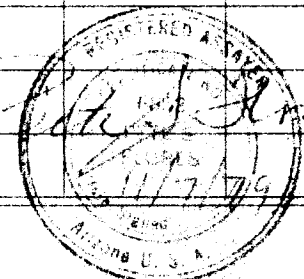
SAMPLE SUBMITTED BY John E. Kennison

DATE _____

[illegible]

CHARGES \$ 55.00

INVOICE NO. 16661



ASSAYER-CHEMIST

To American Analytical
J. DAVID LOWELL
CONSULTING GEOLOGIST

By Fire Assay

Drill Hole No. _____ Property _____
Type Hole _____ Location _____
Size Hole _____ Co-ord _____
Date Started Del. Nov 5 Date Completed _____

Depth	Sample No.	Cu	Mo	Au	Ag	Description
260-270	CQD-1-A	H.W		X.010	X.11	Drill Core
270-273	-B	H.W		.009	.10	
275-280	D	FW		.003	.06	
280-289	E	FW		.007	.17	
289-298	F	FW		.005	.07	
273-275	CQD-1-G	Vein		.021	1.01	
.009/.19	4245	Qtz ledge				
.010/.20	4246	65' shaft - sorted waste dump - selected sample				
.013/.35	4247	Samples From veins - see Note Book				
.014/.45	4248	Select samples from Ida shaft waste dump sample of dump. Ida shaft				



Getty Oil Company | P. O. Box 15668, 345 Bearcat Drive, Salt Lake City, Utah 84115 • (801) 487-0861

Minerals Division, Regional Exploration Office

September 13, 1979

Mr. John Kinnison
5115 N. Oracle Road
Tucson, Arizona 85704

Dear Mr. Kinnison:

Enclosed is a service contract, No. 13787, to be signed by you and returned to this office. The original is for your retention.

If you have any questions, please call.

Sincerely,

A handwritten signature in cursive script that reads "Marian D. Corrigan".

MARIAN D. CORRIGAN
Secretary

/mdc
Encl.



JK Job No 0145

GSC No. 13787

SERVICE CONTRACT

LOCATION Salt Lake City DATE 9/12/79

FACILITY _____

CONTRACTOR Mr. John Kinnison
5115 N. Oracle Road
ADDRESS Tucson, Arizona 85704

CITY & STATE

→ RENDER INVOICES IN TRIPLICATE TO:
Getty Oil Company
ATTENTION Mr. David L. Gillett
ADDRESS P.O. Box 15668

CITY & STATE Salt Lake City, Utah 84115

THIS AGREEMENT IS SUBJECT TO THE TERMS AND CONDITIONS ON THE FRONT AND REVERSE SIDE HEREOF.

The undersigned contractor hereby offers to furnish Labor, Material, Tools and Equipment for the Performance of Service or Maintenance for GETTY OIL COMPANY (hereinafter sometimes referred to as "Company") as follows:

MAXIMUM OF SIX DAYS GEOLOGIC RECONNAISSANCE ON THEQuincey Crane gold submittal, Oatman District, Mohave County, Arizona

GETTY OIL COMPANY Shall Furnish: _____

Rate Compensation Schedule \$300/day and expenses
or agreed amount of Compensation: _____

(Itemize all labor and material on your invoice where hourly rates are in effect.)

Contractor, by exercise of this contract, covenants that it has executed for the full term of this contract a Supplement to Getty Oil Company Contracts and Purchase Orders in the form of Exhibit 1, a copy of which is attached hereto and made a part hereof. By execution of this Service Contract, contractor represents that all materials and supplies furnished by it will meet current Federal and State Safety, Health, and Environmental Regulations.

This Agreement shall be effective 9/13/79, and shall continue thereafter until terminated under and pursuant to the Terms and Conditions hereof.

The parties agree that the laws of the State of ☐ California ☐ Oklahoma ☐ Texas ☒ Arizona shall govern in the interpretation of this contract and that they will submit themselves to the jurisdiction of the courts of said state in connection with any litigation or arbitration arising out of the provisions of this contract.

Vendor Code Job No 0145

BOTH PARTIES MUST SIGN THE CONTRACTOR'S COPY AND THE ORIGINATOR'S COPY.

Accepted For Contractor: John E. Kinnison Consultant Date 9/25/79
Signature Title

Approved for GETTY OIL COMPANY Carl H. Smith Reg Minerals Expl Mgr. Date 9/12/79
Signature Title

Conversation between John Kinnison and Quincy Crane of Oatman, 8:00 PM
Thursday, October 25, 1979

Hi, John.

Hello, Quincy?

Did Bob Blair get a hold of you?

Yeah, he did. He said you were coming up Saturday.

I was calling to confirm that and I have reservations for a charter plane to take me into Kingman. I'll probably get in there around 10:00 AM.

I'll go over there early about 8:00 or 9:00.

Well, I don't think it will be any earlier. It depends on how the winds go how fast they fly but it is a turbo prop thing. It should take us about 2 hrs. - I'm going to leave about 8:00 because the airport is on the other side of town. So how'd the drilling go?

Well, we're going to pull out of that hole cuz we went down 500 feet and although it looked altered there for a long ways why we never ran into anything else after we got that 12 or so feet we got.

OK, well I'll get a chance to look at that core and then maybe we could scout around the neighborhood a little bit and you'll have transportation.

I'll take you over all the vein; it really looks good, it looks like the Oatman vein here. It's got that argillic on it and all that altered andesites.

OK, well good. I'll plan on meeting you and I'll bring up those core boxes with me.

OK. I think old Blair said, and I think he's probably right, that core will probably have to be cut in half. I don't think you can split it, it's too hard.

It may be and so I'm looking into the possibility of getting a saw someplace.

Well, there are a few people around who have one; I'll try to find out.

If they could do it locally and they could either saw it in half or saw it in 2 halves leaving a strip in the middle which you could keep the strip in the middle.

I want to keep my half for good and I want you guys to give a copy of the assay report.

We can talk about all that when I get up there.

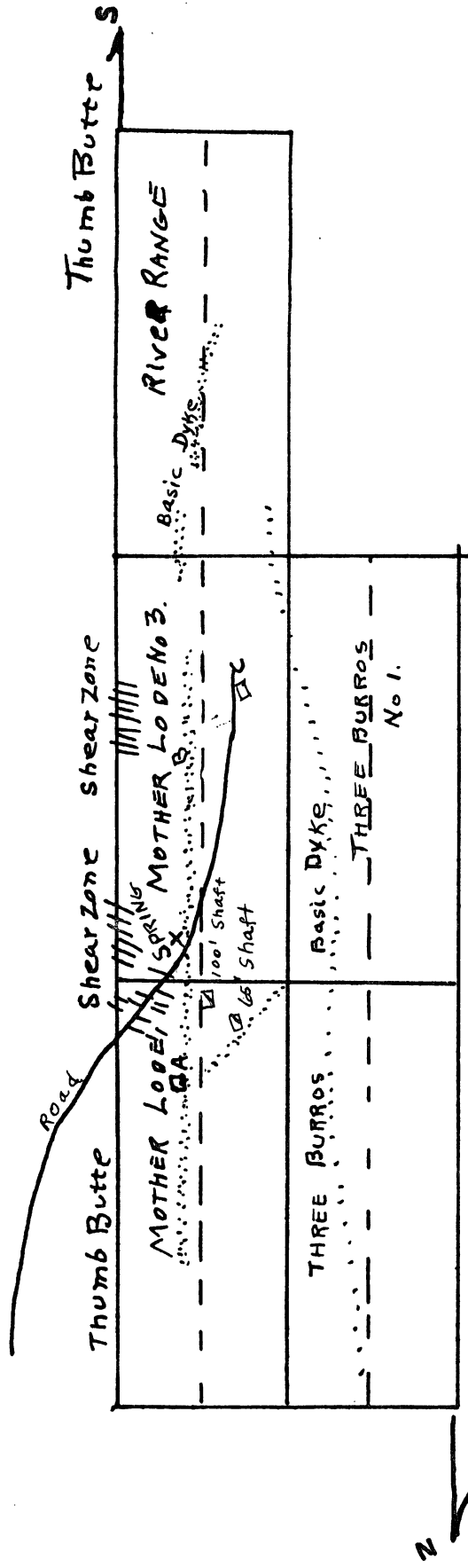
We're going to pull out of that hole and move. I have enough money for about 3 holes but I'm not going to drill them all in one spot. I'm going to drill them on the intersections and the next one I'm going to drill is underneath where my old man shipped some ore. He shipped a little ore in the 20's out of this 65 foot shaft and I'm going to drill there. I've got the core with me cuz I don't want to leave it over there.

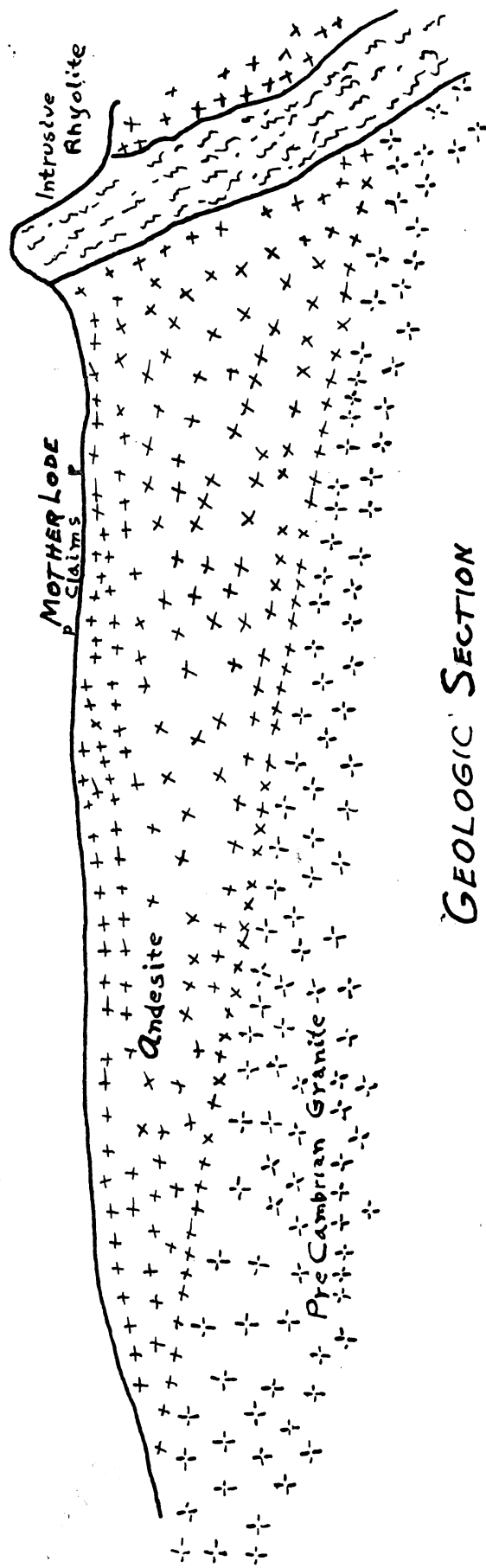
OK, well we can look at all that.

OK, I'll pick you up over there at 10:00.

OK, we'll see you there.

SKETCH MAP OF MOTHER LODE³ & THREE BURRO MINING CLAIMS. Scale 1. inch = 60 Ft.





GEOLOGIC SECTION
E-W Through Mother Lode Claims

No Scale Section About a mile wide

* Person to person Quincy Crane Oct 7, 1979
150 feet away from vein and 57° slope of drill hole
steep dip poss toward drill site.

Drill hole 350-400 deep Drill 4 or 5' lower than outcrop

he will bring core down and we
will split and assay the vein section

He will keep in contact.

	T&C
\$24	44 Minutes
+ Top	

Best place to stay - Bullhead City
Need pickup to get into the area
And not necessary

* T & C p top Not reported our call Oct 6 when H. e. was
out of the house. (yesterday)

Patman Gold

Oct 1 -

1. Bob Blair Called Re Outman -

No pressure on time but wants me to contact owner of claims and keep him on hook till I examine -

2.

Also - He has checked w/ Angolare and up graded the Socton field trip to anyone wishing to go. Angolare found no problem.

Call claim holder soon - this week

3. Uranium north of Qinghai - T. Hardrick found Choleto near north edge of his mapping, and assays for V_3O_8 show .02-.03% -

Call Hett and PTH have

Call Fritz, ASR for Rep at Work. This week

When calling Fritz I will ask Fritz about me going into that general area N of Qinghai (is noted by me in red book) several years ago,

and I would like to have a second look at the area for possible generation of a project at a later date, when claims have been processed -

what about ~~the area~~ Northwest of covered wells

Conflict of interest -- I would like to look now rather than later, possibly after finishing placer sampling and sending in final reports on placer and Final Copper - also Orizaba?

①A I have a possibility of generating work, down the line at future date, but could conceivably present a conflict of interest. Would like your opinion

Ask for permission writing - from Crowther.

Mention other areas - South of Trecabelston Mtns - New geol. Concept - could apply to the area. I believe this will be beneficial to them.

Contact Blair next Monday PM. Fritz called me Re Placer Sampling

Checked his opinion about area N of Covered wells in basis of region project. F/ No claims there, No conflict of interest.

Bob Blain — Submitted to Getty.

— NW 1/4 —

Submitted — West side Outman District — Alt ^{Zone} 105-200' ¹
~~That~~ vein segment adjacent to porphyry which contains
a low-grade disseminated.

Worth 6 days work — incl travel and Report

Quincy Crane

(602) 768-4467

Report to
Bob Blain

Box 405

Outman

86433

11033
in a porphyry
#4-4' Rock
@ 20 ft

mentioned in

USGS Pub.

Ramona p

48 — Moss vein

Blk 743

Map ←

Enlarge Topo Plotting & Mapping —

Ask about HI-grade but has been out —

shipped? develop? — see it if possible.

Free to gold — watch for large — use 2 assay tons.

Duck & Roll — 200 Mts

the Check of Cochise unit Rent

New Mexico 78 Guidebook

Land of Cochise

p 253-259 — district faults

Age data on faulting

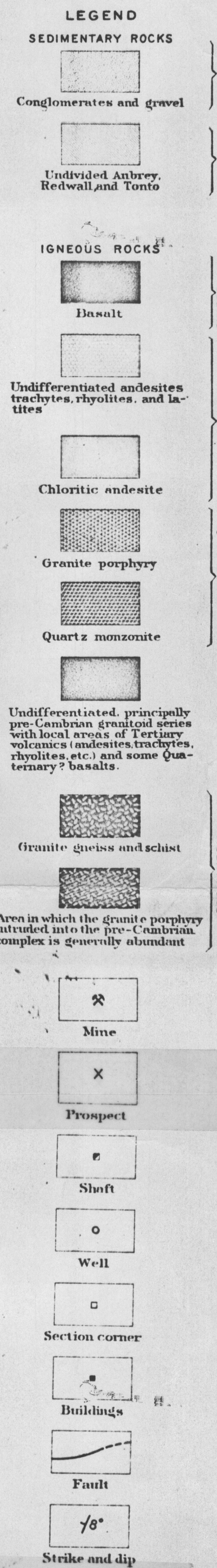
historic (Spoon)
13-14 my.

Barron Range Post Hwy

Leung Poyner — Driscoll scout
he 455-60

Called Sel Hazleton — OK for Escaton Trip Oct 31 Wed.

Call back to confirm.



Reconnaissance topography
by U.S. Geological Survey

GEOLOGIC RECONNAISSANCE MAP OF A PART OF WESTERN ARIZONA

Scale 1:50,000
Contour interval 250 feet
1908

Geology sketched by F.C. Schrader from personal
observations and from data by Willis T. Lee and
the Wheeler Survey

HOLE NO _____

[illegible]

Core

Part of Hole No 1.

INCLINED 65°? (Collar not preserved for precise measurement)

Mother lode Claim
Thumb Butte Area
Quincy Crane

Surface Outcrop Andesite?

260 - 270 Porphyritic Andesite, Probably Outcrop Andesite.

Rec 95%. Feldspar partly clay. Few seams of calcite.
Appear unmineralized except for Hem. in fractures in the bottom
2 feet (268-270')

270 - 273 Altered andesite. Porphy texture obscured. Rock broken
with hematite on chips. Hematite also throughout
as is clay zones which are inclined ~~to~~ $\pm 45^\circ$.
75% Recovery. General silicification.

273 - 275 100% Rec.
Quartz vein zone. Crushed and cemented by
hematite and quartz. Minute pyrite $\frac{1}{16}$ % estimated.

Note - This section was sawed with diamond saw.

275 - 280 Noticed a few ^{tiny specs} of native gold? under ~~microscope~~
binocular microscope, best might be pyrite.
75% Recovery. Altered andesite, much as in
270 - 273.

280 - 282 90% Recov. Weakly alt andesite. Brecciation

282 - 284 cemented by hem. and minor clay and calcite veinlets.
90% Rec Brecciated andesite, heated by hematite (minor)
and black shiny flakey material - possible dark
green (appears black with only hard lens) chlorite.

284 - 289 Core
80% Rec. probably lost between 284 - 285. similar to
above, but gray andesite frags are equal in number
to frags of bleached andesite. Chlorite? healing breccia.

289 - 297 95% Recov. similar to above, frags slowly disappearing.
and porphy. Rock is gradational into andesite
Porphy with ragged biotite flakes and minor
feldspar. Some fractures are cemented with silica.
Bottom 1 ft. is a

297 - 298 100% Recov. reddish brown Andesite with shiny small
flakes of biotite. Feldspar in small lath-shaped
X tabs is slightly resorbed (about 10% feld) Rock
looks unmineralized

289-298

622-0813

ReptsPulps

COD-1A
~~1A~~

Au Ag
 Fr .02 ~~.20~~

1B .005 .20

1C .005 .25

1D

1E .005 .25

1F .005 .15

40245 Tr .10

40248 .16 .45

4246

4247

Au Ag
 Tr .10

~~.30 .90~~
 Tr .15

.30 .90
 Tr .15

Tr .15

Tr .10

Tr .15

Tr .15

Fr .27 .25

.13 .45

.07 .15

.15 .20

.055 .65

(602) 749-3453

Project _____

Job No. _____

Client _____

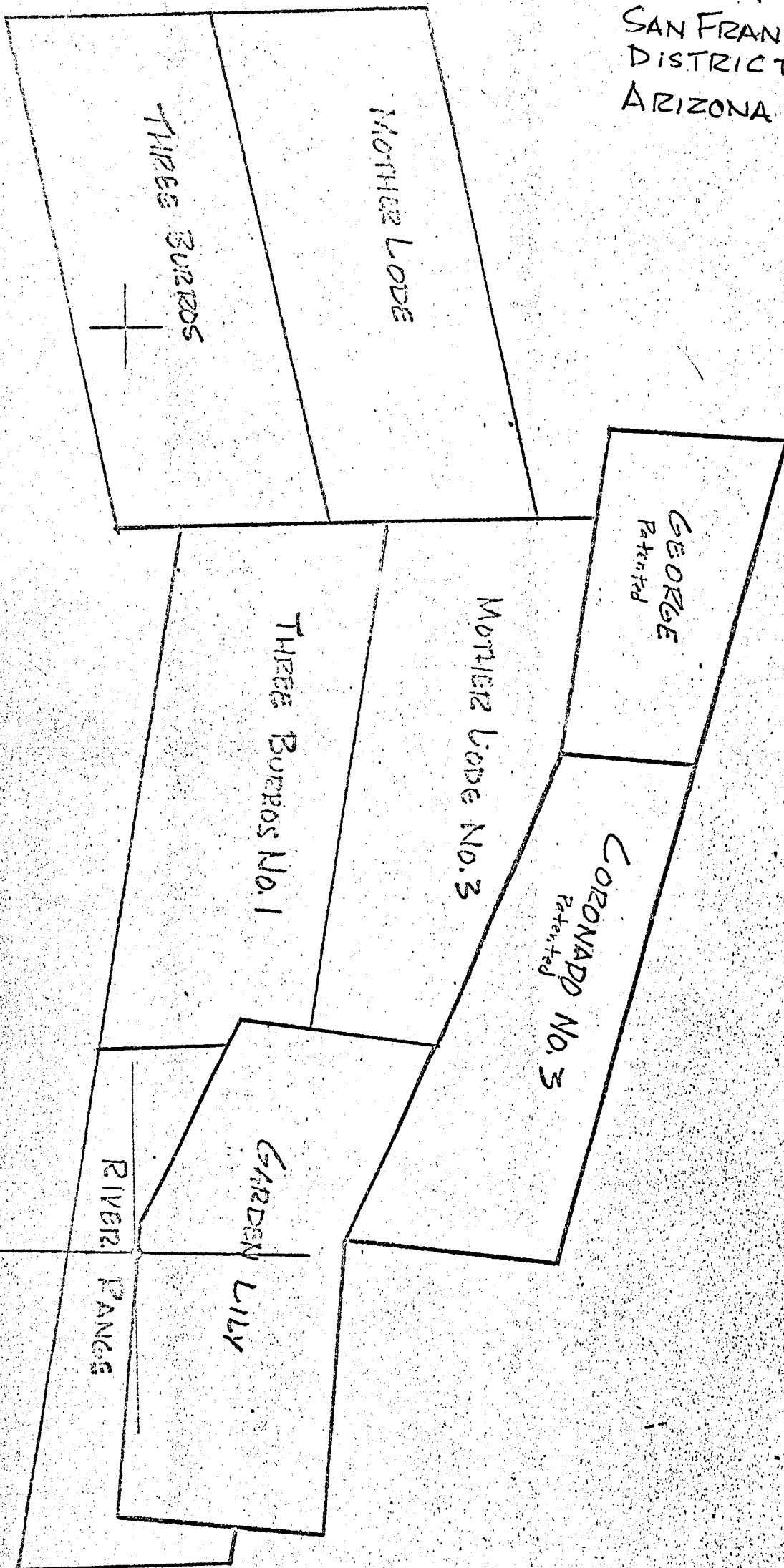
[illegible]

TOTAL EXPENSE





Township 21 N
Range 20 W
Section 29 AND 32
SAN FRANCISCO MINING
DISTRICT, MOHAVE COUNTY,
ARIZONA



29	28
32	33