



CONTACT INFORMATION
Mining Records Curator
Arizona Geological Survey
3550 N. Central Ave, 2nd floor
Phoenix, AZ, 85012
602-771-1601
<http://www.azgs.az.gov>
inquiries@azgs.az.gov

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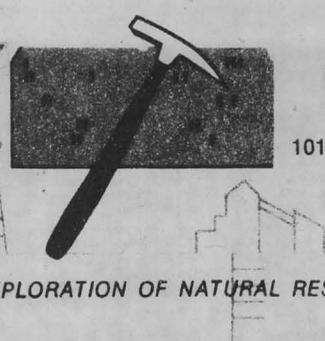
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GEO-COMP EXPLORATION, INC.

SUBSIDIARY OF G.F.I. COMPUTER INDUSTRIES, INC.

1019 WEST PRINCE ROAD • TUCSON, ARIZONA 85705 • AREA CODE 602 887-6212

EXPLORATION OF NATURAL RESOURCES THRU COMPUTER TECHNOLOGY

December 8, 1969

Mr. Jack R. Fraser
Glen Explorations
1204 Pretorian Building
Dallas, Texas

RE: DRIPPING SPRINGS COPPER

Dear Jack:

Recently, I gave a verbal rundown of an unusual copper deposit not far from the Keystone Mine, which as you know I am currently examining. I had an opportunity recently, Monday, December 1, to locate the two old drill holes which I mentioned on the property, on a helicopter trip to the Keystone. A general description of the property and the occurrence of the deposit, and some remarks thereon, follow.

GENERAL DESCRIPTION

The subject prospect is a unique deposit - a sixty-foot stratified layer of massive sulfides - mostly pyrite - in the upper member of the Dripping Spring Quartzsite. The deposit was penetrated by two old diamond drill holes dug by the Atomic Energy Commission, in 1955, in search of uranium occurrences. No uranium was found, but in logging the core, I noticed the presence of chalcopyrite (copper sulphide) occurring together with the pyrite within this massive band of sulphide. We never ran assays for copper, so the grade remains unknown. When much pyrite is present, as is the case here, it is very difficult to estimate the grade of copper, and no such estimate was ever made by me at the time. Therefore, the grade remains unestimated. It might be less than 0.10% Cu or as much as 1% Cu.

The question is simply this - did these holes penetrate a layer containing ore-grade copper, with perhaps some gold and silver? If they did the tonnage might be sufficient to make a small open pit at about a 1:1 stripping ratio possible. The two holes are 1,000 ft. apart -- thus they indicate a substantial lateral extent to the deposit.

The origin of the deposit is speculative. The uranium deposits, which are also confined to the same horizon of the pre-Cambrian Dripping Springs quartzite, are veins related to diabase intrusive sills. They are evidently a peculiar type of hydrothermal occurrence. Small quantities of sulphide minerals usually accompany the uranium deposits, but I do not know of any occurrence of massive sulphides similar to that which occurs at the subject prospect.

DETAILS OF LOCATION

On December 1, I reconnoitered the general area of the Dripping Springs Copper deposit by helicopter, and located the old drill sites in a general way. A forest fire has been through the hills in this vicinity since the date of drilling, and there is now much dead fall and new growth of brush and grass. No casing or plugs evidently were placed in the collar of these drill holes - at least I did not find such on the ground. The holes were probably either plugged with rags or covered by a stone. The general area of the sites are established, however, beyond question. First, my recollection of the general landscape correlates with the areas which I have now selected as the probable sites. Secondly, an original location sketch map (Attachment A) by R. J. Schwartz properly identifies the sites with respect to drainage and road systems. This sketch, crude and somewhat out of proportion, made without a base map, nonetheless is an excellent guide in that it correctly identifies the nature and general shape of the easily found features. Thirdly, the recently issued Picture Mountain quadrangle shows the topography and principal roads, and it is possible to correlate this new map with Schwartz's old sketch (Attachment B). Finally, at the No. 2 drill hole site I found bits and pieces of lumber, and some tin cans.

GEOLOGY

The major features have been previously summarized. I do not have copies of logs for the AEC Gun Creek Diamond Drill Holes No. 1 and 2, but as I recall the sulphides were penetrated at about 80 ft. below the surface, and are about 60 ft. thick.

A log for Gun Creek hole No. 3, about a mile to the southwest, is attached (C) to give the general stratigraphy of the Dripping Springs quartzite.



Mr. Jack Fraser
Page 3
December 8, 1969

No sulphides were penetrated by this hole, and it is evidently beyond the limits of the massive sulphide mineralization.

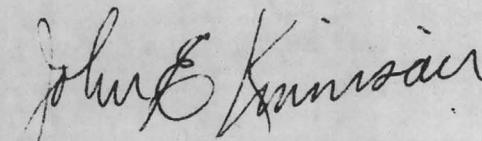
The lateral limits of the massive sulphides are not known, although the creek which runs westerly, just south of the holes, incises into this mineralized horizon on the southwest. This creek reveals no evidence of such mineralization and is therefore a limit on the southwest. In all other directions the limits must be classified as "open". The diabase dike, shown on Schwartz's map, is depicted by him much wider than it really is. Outcrops are poor, but only about 20 ft. of decomposed diabase constitutes the single outcrop by which the presence of a dike or body is known.

RECOMMENDATIONS

The only way to test the grade of copper in this deposit, and any other associated metal values, is to drill a hole. A single hole would suffice to indicate the general grade - either very low or else sufficiently high to be of interest. The land is vacant federal land, it is not within the Sierra Ancha wilderness area, and the mining claims have all the appearances of being abandoned. There are several ways to tackle the land problem, and as these affect the cost of exploration, I should probably discuss this with you over the phone if you are interested in the prospect. I believe we can discuss the relative details verbally in a better fashion than I can attempt to summarize here.

As far as a positive recommendation advising you to go ahead, I cannot make such. This is a "wildcat" speculation and must be handled as such - in which case your intuitive feeling will be as important as my own.

Yours very truly,


John E. Kinnison,
Chief Geologist

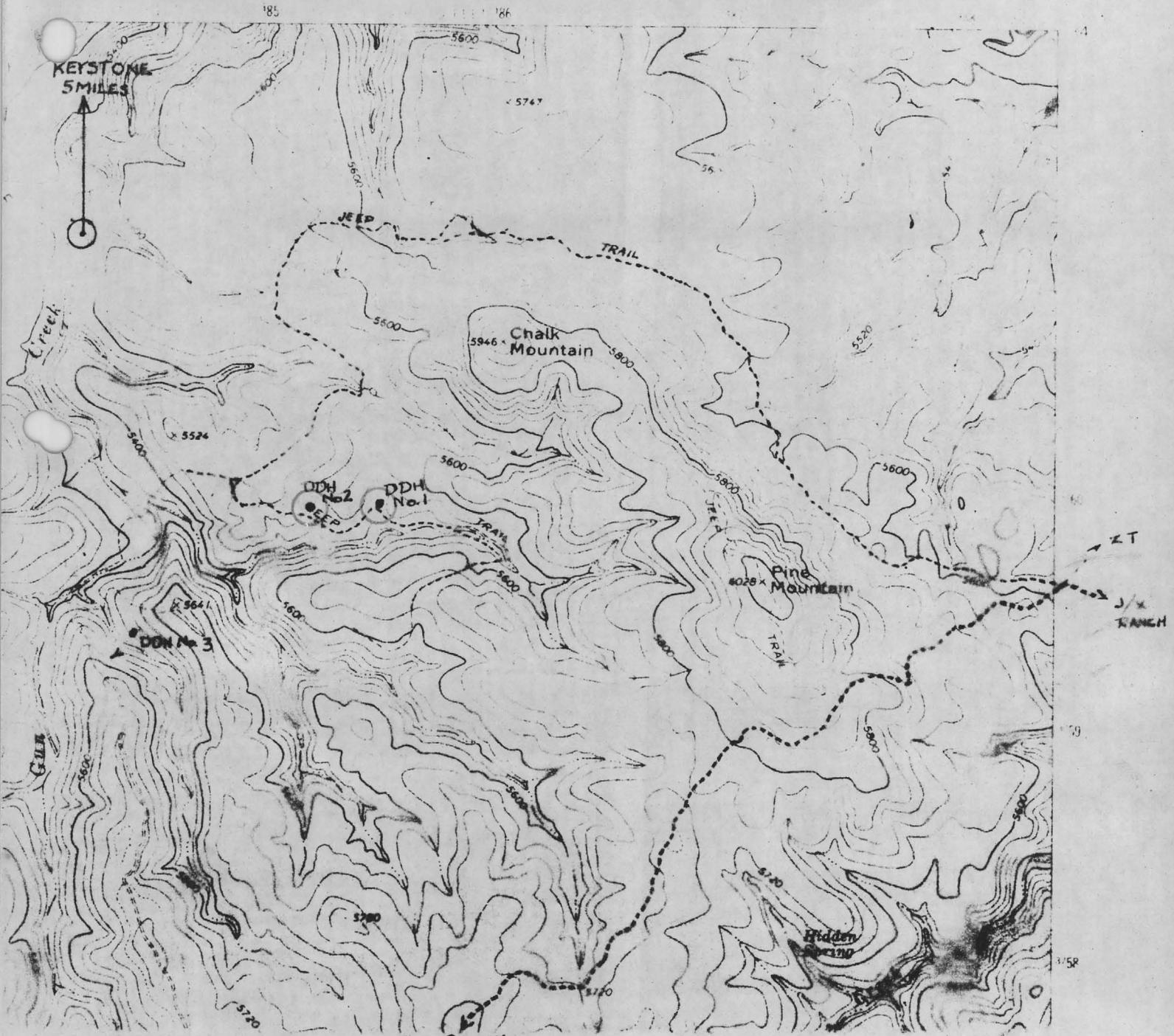
JEK:kp



GEO-COMP EXPLORATION, INC.

PICTURE MOUNTAIN QUADRANGLE
ARIZONA-GILA CO
75 MINUTE SERIES (TOPOGRAPHIC)

DIAMOND BY THE
1962



8.3 Miles
to Greenback Valley Road

LOCATION MAP
DRIPPING SPRINGS COPPER
Base: 1964 Picture Mtn. Quad
1" = 1/2 mile
Contour interval: 40 ft.

ATTACHMENT B
TO ACCOMPANY Letter
TO J. Fraser
BY J. Kinnison
DATE 12/9/69

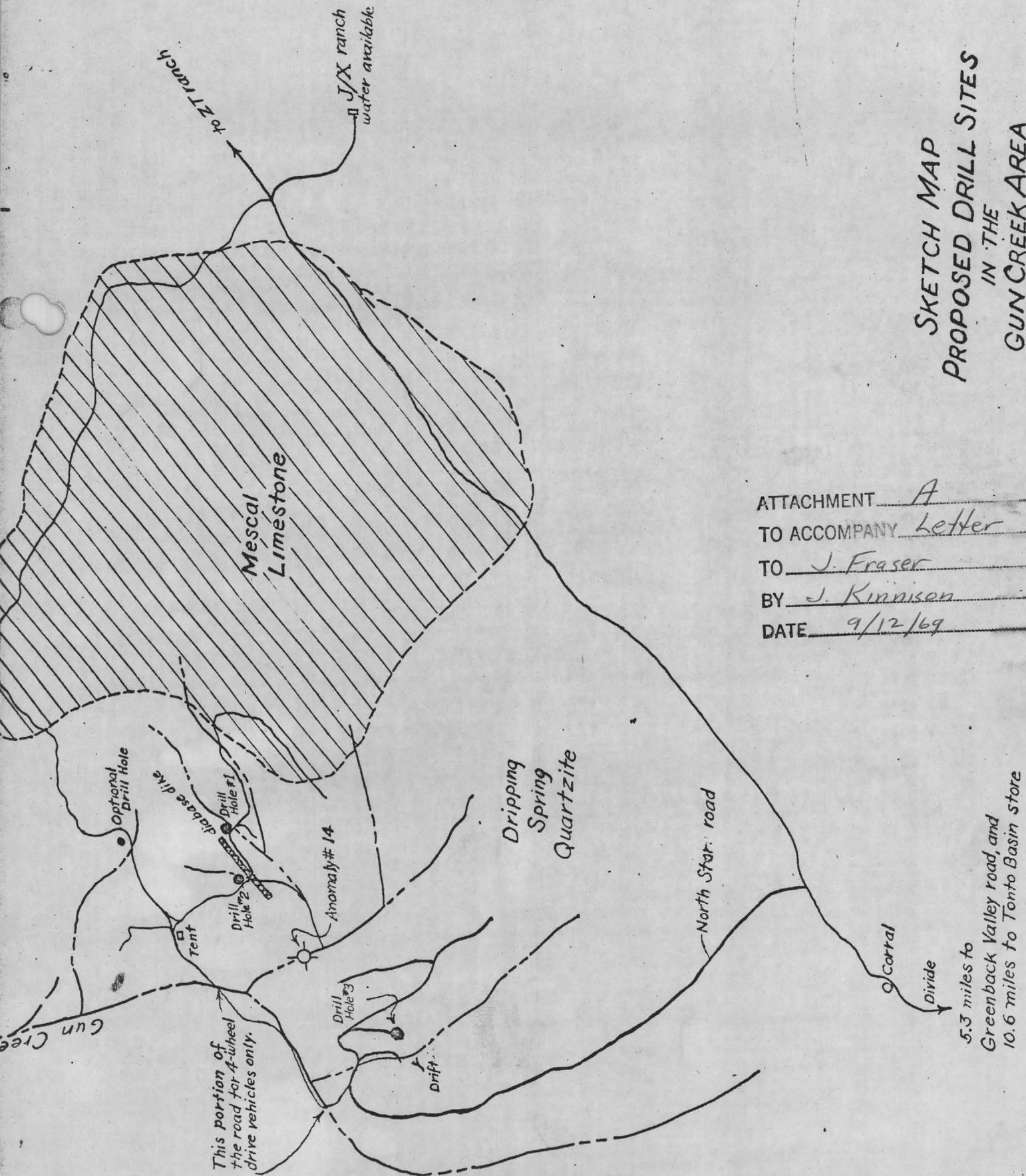
ORIGINAL DRILL ACCESS SKETCH MAP

by

R. J. Schwartz

Xerox from files of R. L. DuBois

SKETCH MAP
PROPOSED DRILL SITES
IN THE
GUN CREEK AREA
GILA COUNTY, ARIZONA



ATTACHMENT A
TO ACCOMPANY Letter
TO J. Fraser
BY J. Kinnison
DATE 9/12/69

Monday, December 1, 1969

*Dripping Spring Cu
Chopper Beers*

Freeway Airport with Clovis Priser, pilot, to Scottsdale Municipal.

Now leaving Scottsdale Municipal, 9:39 am in helicopter from
Arizona helicopter service.

Have set course for Pumpkin Center in Tonto Basin.

11:25 AM. I am sitting down by the old tent area ^{at} the road intersection
near the drill hole. - "Dripping Spring Cu" area *Pine Mtn Chalk Mtn*

This morning we passed Pumpkin Center and took the road towards
Greenback Valley. This is a good improved road, ~~graded~~. ~~took right~~
to the J/x. The j/x road is well improved and graded. Took right forks
and eventually lost roads. Spotted the j/x airstrip and from there followed
into the intersection of the j/x - ~~at~~ road. Followed this ~~west~~erly around
the north edge of Chalk Mtn. past the big loop in the road and back to the
road intersection where the old tent was shown on ~~Chertze~~ ^{Schwartz's} Map. Set
the helicopter down here. First we have ~~been ordered~~ ^{reconnoitered} at probable drill
sites but could not sit down. Just north of the triangle at the road crossing
where the copter set down is a rock monument with a burned out post. No
claim papers were found within in it.

1:00 pm. I have just ^{located} ~~reconnoitered?~~ the drill site areas in the vicinity
known in our files as the Dripping Spring Copper. I have found the
sites much as shown on ~~Chertze~~ ^{Schwartz's} original map. Hole no. 2 may be identified
by its location in the bend of the road at the first sharp creek southeast
the helio set down spot by the old tent. This site is shown by some old
planks, bits of lumber, and a few ten cans. Drill hole no. 1 was not identified

by any objects on the ground, but its location appears right according to my recollection in the ~~bend~~ bend of a road. Drill hole no. 1 being about 1,000 east of no. 2, ^{and} ~~also~~ on the west slope of a small tributary. This particular tributary has a stone monument and a prospect pit by it, but no claim papers at the monument. Also the short road shown going south ~~from~~ ^{from} just site no. 1 identifies it. The forest fire which has been through this area has obliterated so many old trees and there is much dead fall with new grass and brush growing. The holes evidently were not ~~closed~~ ^{closed} with pipes sticking out of the ground, nor were they plugged with heavy wooden plugs. At least I could find no such. Probably they were covered with a rock or stuffed with rags - in any event the actual drill ~~site could not be found~~ hole color could not be found, however, the general sites have been established ~~as~~ described. The old map also checks well with the holes ~~has~~ located on the new topographic ~~triangle~~ quadrangle which covers this area, the picture mountain quad.

In coming in, we tried to take some right forks thinking that these would be the roads of the ^{J/X} ~~z/t~~ at the fork shown on ^{Schwartz's} ~~Chortz's~~ map between the north star and the ^{J/X-z/t} ~~z/t~~ roads. Apparently you do not take any right forks but continue directly on the ^{J/X} ~~(z/t)~~ ranch road, which is a fairly decent road. We deviated off which is explained earlier and picked up the z/t landing strip and located the z/t-j/x ^{road} junction point and followed the road northerly around Chalk mtn. from there.

DRILL CORE LOG

Claim: North Star Hole: Gun Creek #3 Drilled by: USBM Drill October 1955

Location: Gun Creek, Gila County, Ariz. Logged by: SJF Core recovery: 92%

Collar elevation: _____ foot Depth to Water: _____ foot, Cased: _____ foot

Footage

from	to	color	grain size	bedding	remarks
0	1.0				Overburden
1.0	5.0	yellow gray	silt	mv-bd	Highly ox., few pits after py. uDS qt zt
5.0	8.5	"	"	md-bd	same several thin Lm coated fractures
8.5	17.5	"	vf-gr	"	same 1/2" m-gr lense at 11.5' no pits
17.5	29.8	"	"	th-bd	same with Lm stain along bedding planes
29.8	33.0	"	"	"	same interbedded with m-gr
33.0	40.0	pale orange	f-gr	md-bd	highly ox. Lm stained thin fractures
40.0	42.6	"	"	th-bd	same interbedded with silt
42.6	53.5	"	silt	my-bd	ox, pits after py, heavy at 47'
53.5	61.0	"	"	mv-md-bd	same becoming md-bd with depth
61.0	75.0	gray-green	"	md-th-bd	ox, becoming th-bd with depth
75.0	76.4	"	"	md-bd	ox, same pits after py
76.4	81.0	"	"	th-bd	ox, Lm stain, many small py pits
81.0	82.3	"	"	md-bd	same
82.3	85.7	yellow-gray	"	th-bd	few py pits, ox emphasizes th-bd
85.7	96.0	pink-gray	"	th-md-bd	ox, more md-bd with depth, ark qtzt
96.0	104.0	gray-orange pink	"	th-bd	ark, ox, qtzt. Many pits after py Lm and Lm ater py
104.0	106.7	pink-gray	"	"	same
106.7	115.2	"	silt-vf-gr	mv-bd	same
115.2	115.6	pink	silt	th-bd	same
115.6	122.9	pink-gray	vf-gr	my-bd	same with many large ox patches
122.9	138.4	pink	silt-vf-gy	md-bd	ark qtzt black irregular banding contact uD S & LD S qtzt
138.4	147.8	pink	f-m-gr	my-bd	ark qtzt some ox patches (ox mafics?)
147.8	148.0	"	m-o-gr		lense
148.0	169.7	"	f-gr	my-bd	ark qtzt some ox matches
169.7	170.3	"	c-gr		pitted conglomeritic lense
170.3	173.0	"	f-gr	my-bd	ark qtzt

No sulfides were noted, entire core was well oxidized

PROBE RESULTS

Probed by: JEK & SJF, Calibration: 0.7 MR/hr indicates 0.10% cU30g

FROM	TO	Results in MR/hr
0	20 ft.	nearly gradual increase from 0.03 to 0.06 MR/hr
20	39 ft.	nearly gradual decrease from 0.06 to 0.03 MR/hr
39	45 ft.	" " increase from 0.03 to 0.08 MR/hr
45	49 ft.	" " decrease from 0.08 to 0.02 MR/hr
49	68 ft.	" " increase from 0.02 to 0.04 MR/hr
68	70 ft.	sharp increase from 0.04 to 0.15 MR/hr
70	72 ft.	" decrease from 0.15 to 0.05 MR/hr
72	106 ft.	holds about 0.05 MR/hr
106	128 ft.	gradual decrease from 0.05 to 0.03 MR/hr

at 128 ft the probe became inoperative

DRILL CORE LOG

Claim: North Star Hole: Gun Creek #3 Drilled by: USBM Drill October 1955

Location: Gun Creek, Gila County, Ariz. Logged by: SJF Core recovery: 92%

Collar elevation: _____ foot Depth to Water: _____ foot, Cased: _____ foot

Footage

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5.0	8.5	"	"	md-bd	same several thin Lm coated fractures
8.5	17.5	"	vf-gr	"	same 1/2' m-gr lense at 11.5' no pits
17.5	29.8	"	"	th-bd	same with Lm stain along bedding planes
29.8	33.0	"	"	"	same interbedded with m-gr
33.0	40.0	pale orange	f-gr	md-bd	highly ox. Lm stained thin fractures
40.0	42.6	"	"	th-bd	same interbedded with silt
42.6	53.5	"	silt	my-bd	ox, pits after py, heavy at 47'
53.5	61.0	"	"	mv-md-bd	same becoming md-bd with depth
61.0	75.0	gray-green	"	md-th-bd	ox, becoming th-bd with depth
75.0	76.4	"	"	md-bd	ox, same pits after py
76.4	81.0	"	"	th-bd	ox, Lm stain, many small py pits
81.0	82.3	"	"	md-bd	same
82.3	85.7	yellow-gray	"	th-bd	few py pits, ox emphasizes th-bd
85.7	96.0	pink-gray	"	th-md-bd	ox, more md-bd with depth, ark qtzt
96.0	104.0	gray-orange pink	"	th-bd	ark, ox, qtzt. Many pits after py Lm and Lm ater py
104.0	106.7	pink-gray	"	"	same
106.7	115.2	"	silt-vf-gr	mv-bd	same
115.2	115.6	pink	silt	th-bd	same
115.6	122.9	pink-gray	vf-gr	my-bd	same with many large ox patches
122.9	138.4	pink	silt-vf-gy	md-bd	ark qtzt black irregular banding contact uD S & LD S qtzt
138.4	147.8	pink	f-m-gr	my-bd	ark qtzt some ox patches (ox mafics?)
147.8	148.0	"	m-o-gr		lense
148.0	169.7	"	f-gr	my-bd	ark qtzt some ox matches
169.7	170.3	"	c-gr		pitted conglomeritic lense
170.3	173.0	"	f-gr	my-bd	ark qtzt

No sulfides were noted, entire core was well oxidized

PROBE RESULTS

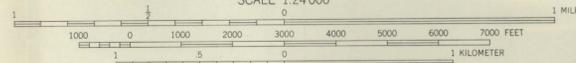
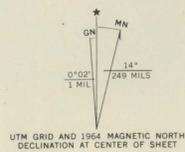
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68	70 ft.	sharp increase from 0.04 to 0.15 MR/hr
70	72 ft.	" decrease from 0.15 to 0.05 MR/hr
72	106 ft.	holds about 0.05 MR/hr
106	128 ft.	gradual decrease from 0.05 to 0.03 MR/hr

at 128 ft the probe became inoperative



Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography by photogrammetric methods from aerial
photographs taken 1962. Field checked 1964
Polyconic projection. 1927 North American datum
10,000-foot grid based on Arizona coordinate system, east zone
1000-meter Universal Transverse Mercator grid ticks,
zone 12, shown in blue
Where omitted, land lines have not been established



CONTOUR INTERVAL 40 FEET
DOTTED LINES REPRESENT 20-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL



ROAD CLASSIFICATION
Unimproved dirt =-----

COPPER MTN., ARIZ.
N3352.5-W11100/7.5

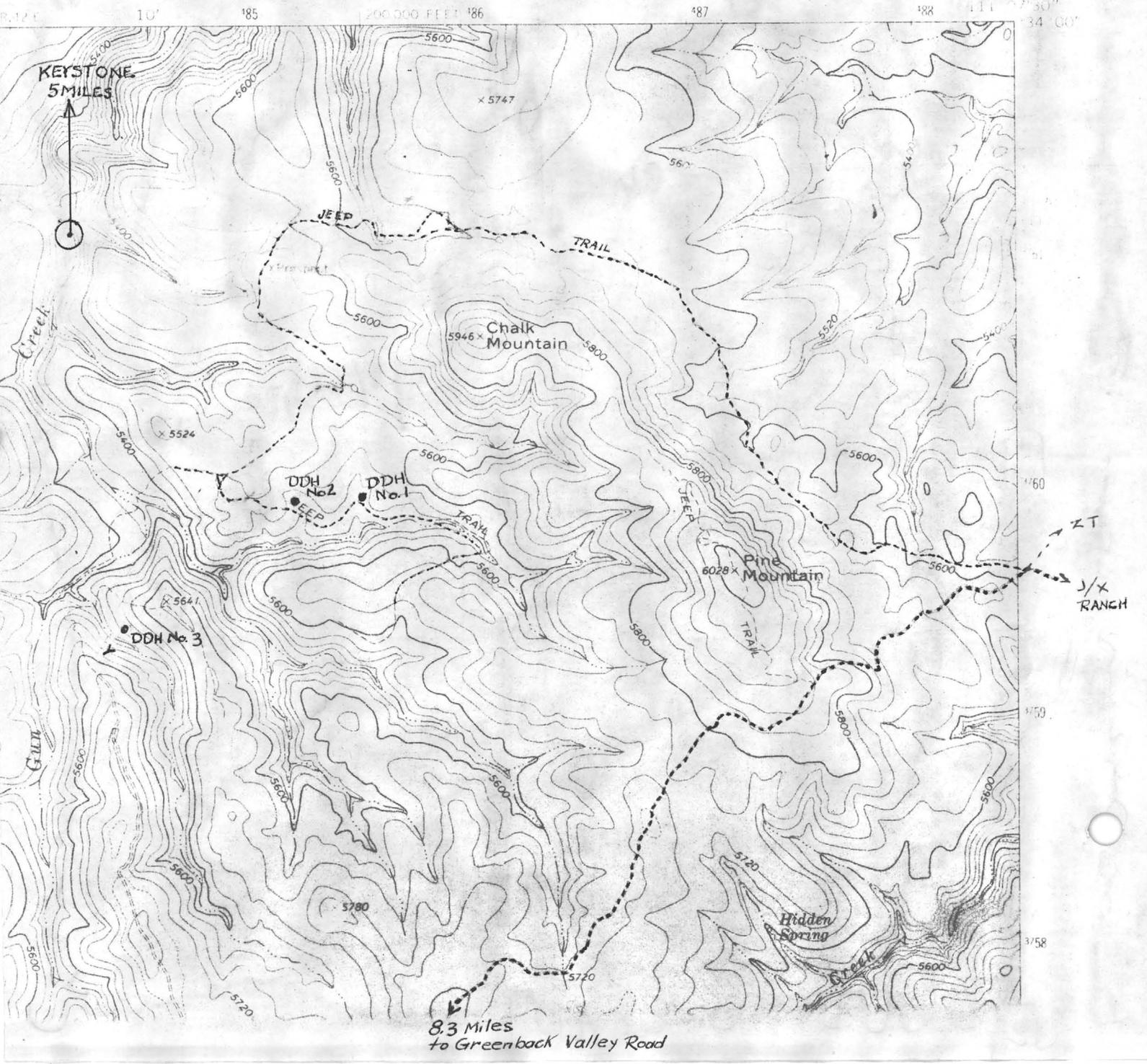
1964

AMS 3751 1 NE-SERIES V898

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER 25, COLORADO OR WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

PICTURE MOUNTAIN QUADRANGLE
 ARIZONA-GILA CO.
 7.5 MINUTE SERIES (TOPOGRAPHIC)

DIAMOND BUTTE
 1,625



LOCATION MAP
 DRIPPING SPRINGS COPPER
 Base: 1964 Picture Mtn. Quad
 1" = 1/2 mile
 Contour interval: 40 ft.

G. E. Toot
Leek Clynne
William Packard
Joe Cornett

} Prandy
2 holes

1 on North Star
Hardy Shackman
detached

Thanks these were ~~on~~ staddling
the diabore diabore dike

Phone call
6/26/65

Globe Telephone
Tonts Basin No. 1

Talked w/ Gyps Toot at
Pumpkin Center

Call to Jack Fraser Glen

J. E. K.

NOV 25 1969

Brought up Drifting Spring Cu
on the Pranty claims - 2 holes AEC massive sulphid
with visible cpy. Went into some detail ^{including target} and proposed
that I spend some extra Helio time Dec 1
when checking on Keystone, to locate the holes
and see if sludge is present. If so will
assay. In any event, will write up short
memo explaining the occurrence and the possibility
of a wildcat drillhole to determine what
the grades really were.

Old claims - Schwartz Report and phone call
to Toot.

Sentinel claims

Arizona Globe Uranium

Pranty claims
(North Star)
No. 3 Hole

George Toot et al.

Hardy stockmen (dead)

~~acc/~~ gyp foot No 1 and 2 were on the Pranty group.

Internal & ~~Steps~~
Claims

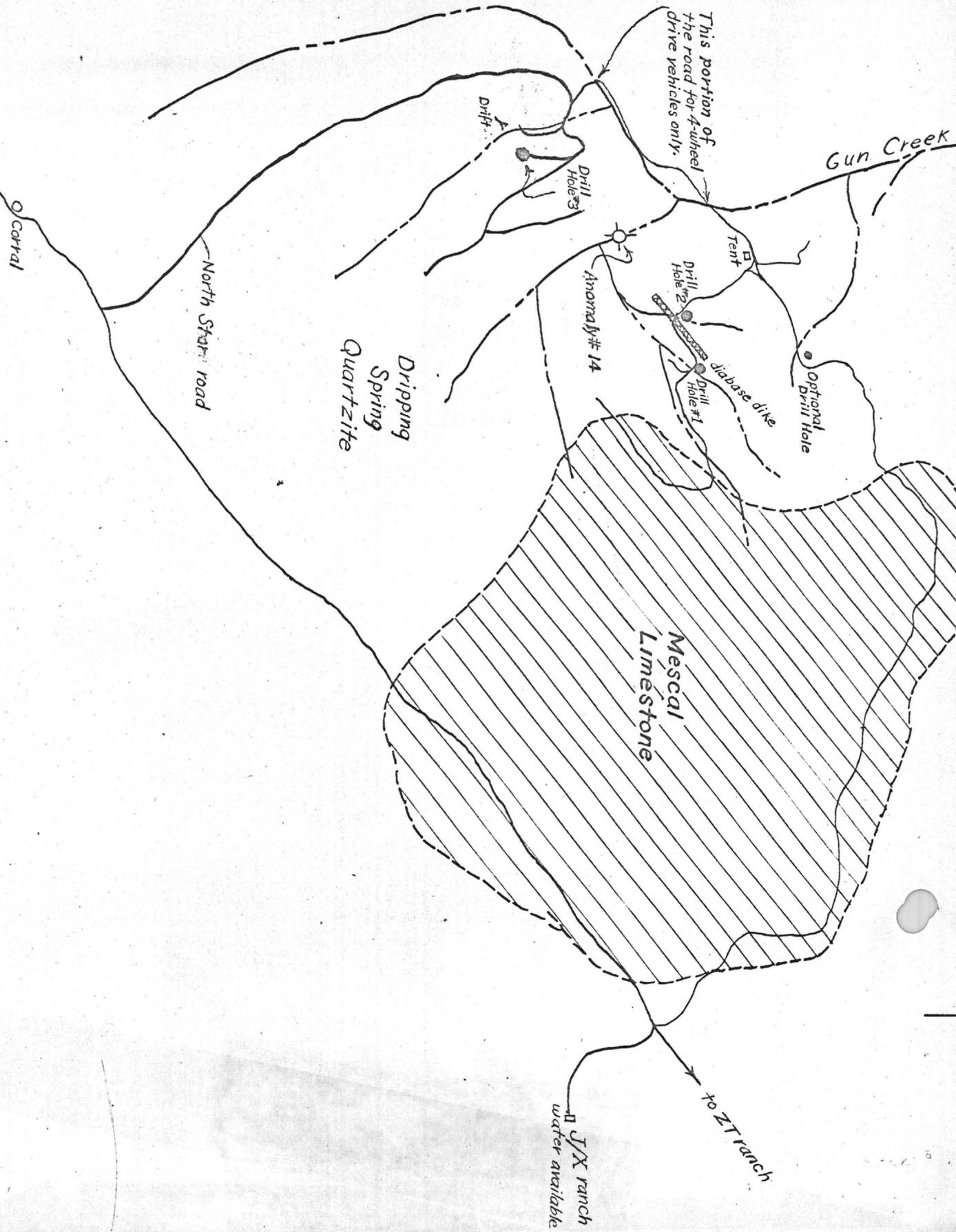
North Star (Hardy Stockman)

Bill Sorenson

ORIGINAL DRILL ACCESS SKETCH MAP
by
R. J. Schwartz
Xerox from files of R. L. DuBois

5.3 miles to
Greenback Valley road, and
10.6 miles to Tonio Basin store

**SKETCH MAP
PROPOSED DRILL SITES
IN THE
GUN CREEK AREA
GILA COUNTY, ARIZONA**



DRILL CORE LOG

Claim: North Star Hole: Gun Creek # 3 Drilled by: USBM Drill October 1955
 Location: Gun Creek, Gila County, Ariz. Logged by: SJF Core recovery: 92%
 Collar elevation: feet Depth to Water: feet, Cassel: feet

Footage		Color				remarks
from	to	color	grain	size bedding		
0	1.0				Overburden	
1.0	5.0	yellow-gray	silt	mv-bd	Highly ox., few pits after iv. w/3 cgtst	
5.0	8.5	"	"	bd-bd	same, several thin lm coated fractures	
8.5	17.5	"	vf-gr	"	same, w/2" H-T loose at 11.5' no pits	
17.5	29.8	"	"	th-bd	same with lm stain along bedding planes	
29.8	33.0	"	"	"	same, interbedded with H-T	
33.0	40.0	pink orange	f-gr	nd-bd	highly ox. lm stained thin fractures	
40.0	42.6	"	"	th-bd	same, interbedded with silt	
42.6	53.5	"	silt	mv-bd	ox. pits after iv. heavy w/47'	
53.5	61.0	"	"	mv-nd-bd	same becoming nd-bd with depth	
61.0	75.0	gray-green	"	nd-th-bd	ox. becoming th-bd with depth	
75.0	76.4	"	"	nd-bd	ox. some pits after iv	
76.4	81.0	"	"	th-bd	ox. lm stain, many small iv pits	
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82.3	85.7	yellow-gray	"	th-bd	few iv pits, ox emphasizes th-bd	
85.7	96.0	pink-gray	"	th-nd-bd	ox. more nd-bd with depth, ark cgtst	
96.0	104.0	gray-orange	"	th-bd	ark, ox, cgtst. Many pits after iv	
104.0	106.7	pink	"	"	lm & lm after iv	
106.7	115.2	pink-gray	"	"	same	
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115.6	122.9	pink	silt	th-bd	same	
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138.4	147.8	pink	silt-vf-gr	nd-bd	ark cgtst, black irregular banding	
147.8	148.0	"	"	"	contact w/3 & w/3 cgtst	
148.0	149.7	"	f-gr	mv-bd	ark cgtst, some ox patches (ox raffin?)	
149.7	170.3	"	c-gr	"	lense	
170.3	173.0	"	f-ox	mv-bd	ark cgtst, some ox patches	
173.0		"	"	"	nitted complexitic lense	

No sulfides were noted, entire core was well oxidized

PROBE RESULTS

Probed by: JJK & SJF, Calibration: 0.7 IR/hr indicates 0.10% Cu30a

FROM	TO	Results in IR/hr
0	20 ft.	nearly gradual increase from 0.03 to 0.06 IR/hr
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72	106 ft.	holds about 0.05 IR/hr
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at 128 ft the probe became inoperative

Zero copy from carbon in R. H. Du Bois File

PICTURE MOUNTAIN QUADRANGLE
ARIZONA-GILA CO
7.5 MINUTE SERIES (TOPOGRAPHIC)



8.3 Miles
to Greenback Valley Road

LOCATION MAP
DRIPPING SPRINGS COPPER
Base: 1964 Picture Mtn. Quad
1" = 1/2 mile
Contour interval: 40 ft.

~~EE~~

Gyp Toot

Tonto Basin

No 1

Through Globe

working on Road

be home at

5:30 or 4⁰⁰

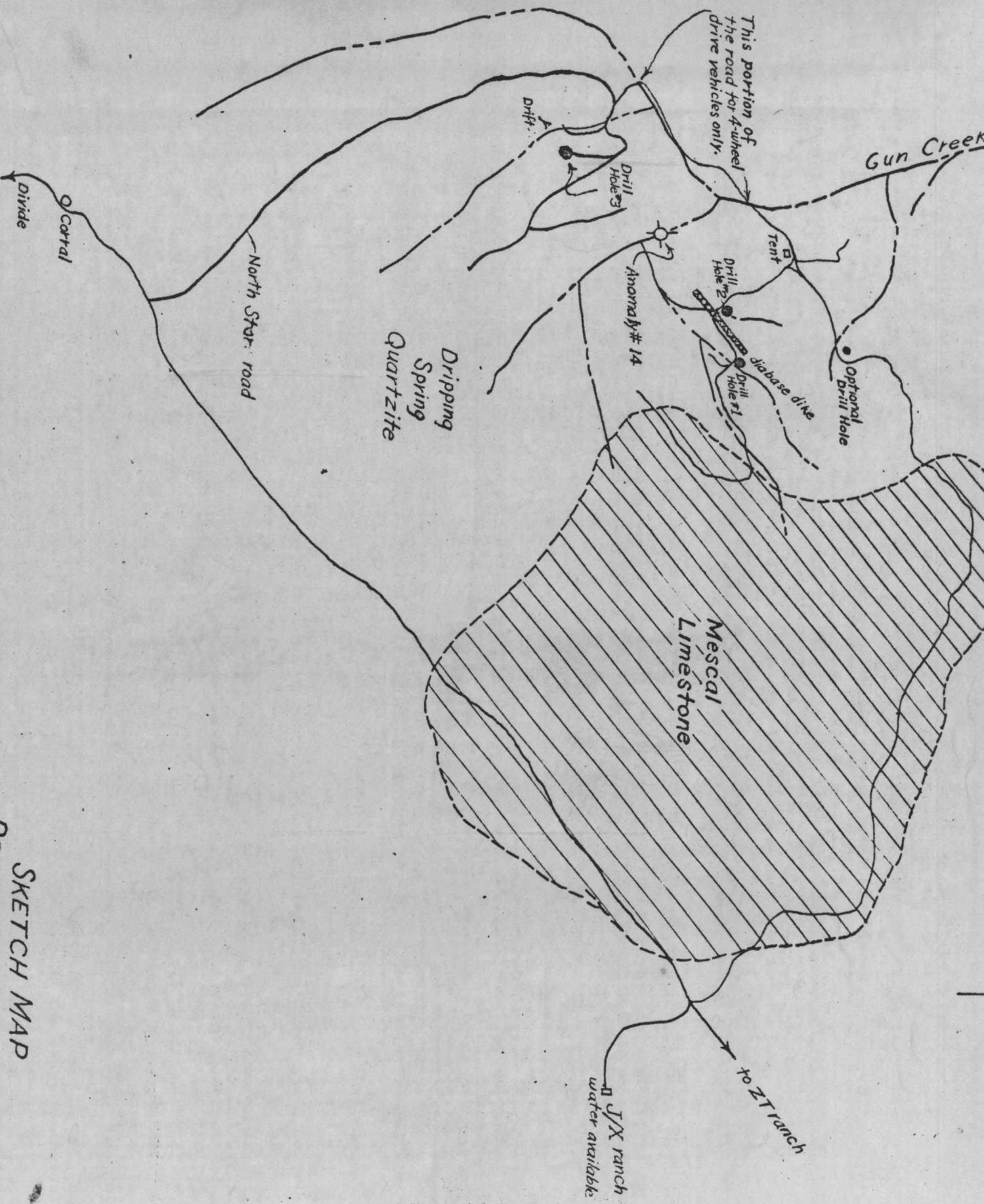
in PM or call

in evening

ORIGINAL DRILL ACCESS SKETCH MAP
by
R. J. Schwartz
Xerox from files of R. L. DuBois

5.5 miles to
Greenback Valley road, and
10. miles to Tonto Basin store

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PROPOSED DRILL SITES
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J.E.K.
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that I spend some extra Helio time Dec 1
when checking on Keystone, to locate the holes
and see if sludge is present. If so will
assay. In any event, will write up short
memo explaining the occurrence and the possibility
of a wildcat drill hole to determine what
the grades really were.

Old claims - Schwartz Report and phone call
to Toot.

Sentinel claims

Arizona Globe Uranium

Pranty claims
(North Star)
No. 3 Hole

George Toot et al.

Hardy stockmen (dead)

acc/ gyp foot No 1 and 2 were on the Pranty group.

Monday, December 1, 1969

Dripping Spring Cu
Chopper Beam

Freeway Airport with Cloyis Priser, pilot, to Scottsdale Municipal.

Now leaving Scottsdale Municipal, 9:39 am in helicopter from
Arizona helicopter service.

Have set course for Pumpkin Center in Tonto Basin.

11:25 AM. I am sitting down by the old tent area ^{at} the road intersection
near the drill hole. - "Dripping Spring Cu" area Pin Mtn Chalk Mtn

This morning we passed Pumpkin Center and took the road towards
Greenback Valley. This is a good improved road, graded. ~~Tonto Basin~~
to the J/x. The j/x road is well improved and graded. Took right fork
and eventually lost roads. Spotted the j/x airstrip and from there followed
into the intersection of the j/x - ~~zt~~ road. Followed this ~~westerly~~ around
the north edge of Chalk Mtn. past the big loop in the road and back to the
road intersection where the old tent was shown on ^{Schwartz's} ~~Chertze's~~ Map. Set
the helicopter down here. First we have ^{reconnitered} ~~been ordered~~ at probable drill
sites but could not sit down. Just north of the triangle at the road crossing
where the copter set down is a rock monument with a burned out post. No
claim papers were found within in it.

1:00 pm. I have just ^{located} ~~reconnitered~~ the drill site areas in the vicinity
known in our files as the Dripping Spring Copper. I have found the
sites much as shown on ^{Schwartz's} ~~Chertze's~~ original map. Hole no. 2 may be identified
by its location in the bend of the road at the first sharp creek southeast
the helio set down spot by the old tent. This site is shown by some old
planks, bits of lumber, and a few ten cans. Drill hole no. 1 was not identified

by any objects on the ground, but its location appears right according to my recollection in the ~~band~~ of a road. Drill hole no. 1 being about 1,000 east of no. 2, ^{and} Also on the west slope of a small tributary. This particular tributary has a stone monument and a prospect pit by it, but no claim papers at the monument. Also the short road shown going south from the site no. 1 identifies it. The forest fire which has been through this area has obliterated so many old trees and there is much dead fall with new grass and brush growing ^{ing}. The holes evidently were not ~~closed~~ with pipe sticking out of the ground, nor were they plugged with heavy wooden plugs. At least I could find no such. Probably they were covered with a rock or stuffed with rags - in any event the actual drill ~~site could not be found~~ hole color could not be found, however, the general sites have been established as described. The old map also checks well with the holes has located on the new topographic triangle quadrangle which covers this area, the picture mountain quad.

In coming in, we tried to take some right forks thinking that these would be the roads of the ^{J/X} ~~z/t~~ at the fork shown on ^{schwartz's} ~~Chortz's~~ map between the north star and the ^{J/X-zt} ~~z/t~~ roads. Apparently you do not take any right forks but continue directly on the ^{J/X} ~~(z/t)~~ ranch road, which is a fairly decent road. We deviated off which is explained earlier and picked up the z/t landing ^{road} strip and located the z/t-j/x ^{road} junction point and followed the road northerly around Chalk mtn. from there.

DRILL CORE LOG

Claim: North Star Hole: Gun Creek #3 Drilled by: USBM Drill October 1955

Location: Gun Creek, Gila County, Ariz. Logged by: SJF Core recovery: 92%

Collar elevation: _____ foot Depth to Water: _____ foot, Cased: _____ foot

Depth		color	grain size	bedding	remarks
from	to				
0	1.0				Overburden
1.0	5.0	yellow gray	silt	mv-bd	Highly ox., few pits after py. uDS qt zt
5.0	8.5	"	"	md-bd	same several thin Lm coated fractures
8.5	17.5	"	vf-gr	"	same 1/2' m-gr lense at 11.5' no pits
17.5	29.8	"	"	th-bd	same with Lm stain along bedding planes
29.8	33.0	"	"	"	same interbedded with m-gr
33.0	40.0	pale orange	f-gr	md-bd	highly ox. Lm stained thin fractures
40.0	42.6	"	"	th-bd	same interbedded with silt
42.6	53.5	"	silt	my-bd	ox, pits after py, heavy at 47'
53.5	61.0	"	"	mv-md-bd	same becoming md-bd with depth
61.0	75.0	gray-green	"	md-th-bd	ox, becoming th-bd with depth
75.0	76.4	"	"	md-bd	ox, same pits after py
76.4	81.0	"	"	th-bd	ox, Lm stain, many small py pits
81.0	82.3	"	"	md-bd	same
82.3	85.7	yellow-gray	"	th-bd	few py pits, ox emphasizes th-bd
85.7	96.0	pink-gray	"	th-md-bd	ox, more md-bd with depth, ark qtzt
96.0	104.0	gray-orange pink	"	th-bd	ark, ox, qtzt. Many pits after py Lm and Lm ater py
104.0	106.7	pink-gray	"	"	same
106.7	115.2	"	silt-vf-gr	mv-bd	same
115.2	115.6	pink	silt	th-bd	same
115.6	122.9	pink-gray	vf-gr	my-bd	same with many large ox patches
122.9	138.4	pink	silt-vf-gy	md-bd	ark qtzt black irregular banding contact uD S & LD S qtzt
138.4	147.8	pink	f-m-gr	my-bd	ark qtzt some ox patches (ox mafics?)
147.8	148.0	"	m-o-gr		lense
148.0	169.7	"	f-gr	my-bd	ark qtzt some ox matches
169.7	170.3	"	c-gr		pitted conglomeritic lense
170.3	173.0	"	f-gr	my-bd	ark qtzt

No sulfides were noted, entire core was well oxidized

PROBE RESULTS

Probed by: JEK & SJF, Calibration: 0.7 MR/hr indicates 0.10% cU30g

FROM	TO	Results in MR/hr
0	20 ft.	nearly gradual increase from 0.03 to 0.06 MR/hr
20	39 ft.	nearly gradual decrease from 0.06 to 0.03 MR/hr
39	45 ft.	" " increase from 0.03 to 0.08 MR/hr
45	49 ft.	" " decrease from 0.08 to 0.02 MR/hr
49	68 ft.	" " increase from 0.02 to 0.04 MR/hr
68	70 ft.	sharp increase from 0.04 to 0.15 MR/hr
70	72 ft.	" decrease from 0.15 to 0.05 MR/hr
72	106 ft.	holds about 0.05 MR/hr
106	128 ft.	gradual decrease from 0.05 to 0.03 MR/hr

at 128 ft the probe became inoperative

ATTACHMENT C
 TO ACCOMPANY letter
 TO J. Fraser
 BY J. Kinnison
 DATE 12/19/69

G. E. Toot
Leek Clyne
William Packard
Joe Cornett

} Prandy
2 holes

1 on North Star
Hardy Stackman
detach

Thanks these were ~~on~~ straddling
the diabore diabore dike

Phone call
6/26/65

Globe Telephone
Tonts Basin No. 1

Talked w/ Gyps Toot at
Pumpkin Center

Taped Notes

Saturday, Nov. 25, 1972, John Kinnison recording.

George Richardson and myself have reached the area of the Pranty claims in the Sierra Ancha Mountains near Chalk Mountain. We have found the site of old diamond drill hole number 2 as evidenced by scraps of lumber and blocks for wedging, some tin cans and one fragment of core, also some scattered BX-sized wooden core blocks. The hole could not be found itself. No sludge remains. The position is as shown on the original AEC sketch map and as located "probably" on an area reconnaissance (1969) for Jack Fraser.

Continued down the old road to the site of old drill hole number 1. This is positively identified by wooden blocks for wedging. Also by BX-sized wooden core blocks and one piece of cord found. Elevation at this site is approximately 2520 by the altimeter which checks with the topographic map approximately.

From site number two a brief scouting trip searching for the supposed outcrop of diabase was largely negative. One possible piece of weathered diabase as float was found and returned for examination in Tucson. One other "possible" was found and several fine-grained, dark-looking igneous rock. No specific outcrop area as such was discovered, however. Presumably the outcrop--very poor as it was--does exist and was diabase because it was so classified by R. L. DuBois, consultant and petrographer for the original company. No question was ever raised with the AEC about the identification of the rock or the existence of the outcrop.