CONTACT INFORMATION
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Arizona Geological Survey
416 W. Congress St., Suite 100
Tucson, Arizona 85701
520-770-3500
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inquiries@azgs.az.gov

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James Doyle Sell Mining Collection

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KEEP THIS ON TOP

Subject: EXPLORATION RECORD SHEETS - #7
SOUTHWESTERN EXPL. DEPT.

From: January 1989 -

TAB

ABOVE ER'S PENDING

tolk

(Indicate property name and location)
GF CLAIMS
MARICOPA CO. AZ

ASARCO EXPLORATION RECORD
(Attached Highway-Type Location Map)

FIELD EXAMINATION /X/ LITERATURE SEARCH / /
ASARCO FILE / / SUBMITTAL /X/

SECTION 1: GENERAL INDEXING

NAME OF PROPERTY OR AREA: GF Claims
MINING DISTRICT: Stardust
COUNTY:Maricopa
STATE OR PROVINCE: Az
LATITUDE:
LONGITUDE:
FILE:
AMS SHEET:Phoenix
USGS QUADRANGLE:Columbus Peak
TOWNSHIP & RANGE:1S 11W
SECTION:12 (unsurveyed)
EXAMINED BY:MAM
OFFICE:SWED
FIELD DAYS:2
DATE ENTERED:4/1/92

SECTION 2: SOURCES OF INFORMATION

REFERENCES:

SECTION 3: APPRAISAL

CONCLUSIONS: Action Now / /; Too Low Grade /x/; Too Small / /; Ownership Problem / /; Access Problem / /; Other / /

BASIS: Geologic Concept /x/; Geochemical Anomaly /x/; Geophysical Anomaly / /; Other / /

SUPPORT DATA: Spectrographic Analysis Attached / /; Assays Attached/x/; Geochemical Results Attached / /; Geophysical Results Attached / /; Geologic Map Attached /x/; Other / /

HISTORY: Producer / /; Past Producer / /; Prospect /x/; Mineral Deposit / /; Mineral Occurrence / /

PRODUCTION (Commodity, Tons, Grade):

RESERVES (Commodity, Tons, Grade): Measured / /; Estimated / /
NUMBER OF DRILL HOLES:
APPROXIMATE TOTAL FOOTAGE:
EXCAVATIONS:

SECTION 4: GEOLOGIC DATA

COMMODITY:
ORE MINERALS (Major and Minor): Cu,Au
HOST ROCKS (Major and Minor): Meta volcanics, meta sediments, granitic intrusive?
AGES OF HOST ROCKS:
NATURE OF EXPOSURES: abundant oc in washes and along hill sides. Most oc is covered by a thin veneer of pediment gravels, mostly granitic in nature.
ALTERATION: Intemse hematization of the host rocks, locally appears as if there is selective replacement of some of the host rocks
TOTAL EXTENT OF ALTERATION: 1-2000'x6000'+
STRUCTURE: Low angle faults asnd possible major strike slip faulting as indicated and mapped by the owner(for a masters thesis)
ORE OCCURRENCE: Thin veins and fractures containing cu oxides parallel to the low angle structures
AGE OF MINERALIZATION: Tertiary?
CONCLUSIONS AND RECOMMENDATIONS: Although the area of hematization is very attractive there does not appear to be very much gold associated with this system. Copper appears to be associated with the low angle zones almost exclusively and does not appear to be pervasive throughout the hematized zone.
No further work is recommended on this prospect. Incidently, Homestake mining Company drilled a similar target to the west of the claim block with the same kind of results.(Stardust project)

AUTHOR'S SIGNATURE:
DATE:

DATE: 3/31/92

GEOLOGISTS: M. MILLER

GF- CLAIMS
MARICOPA Co, AZ

STATION	LITHOLOGY (COLOR, GRAIN, SIZE, MINERALOGYS TEXTURES, WEATHERING)	ALTERATION/ MINERALIZATION	BEDDING/ FOLIATION	DRAWINGS & COMMENTS
GF-1	META SEDS, META VOLCANICS WELL LAMINATED	ABU. HM. SELECTIVE REPL. w/in UNITS.	N15°E 65°SE	Bx'd w/ ±QZ, MALACHITE INFILLING - R.C ACROSS 20' of O.C.
GF-2	LOW ∡ STRUCTURE, 5' THICK AS EXPOSED, SAME RX'S AS GF-1	ABU FEOX, HM. PyRite? Minor Sulf MALACHITE,	N40°W 30°S	NEXT TO SAMPLE # 6944 - R.C ACROSS STRUCTURE. CUT BY NUMEROUS FAULTS, HI & LOW ∡
GF-3	VOLCANIC? ANDESITES?? HEY FEOX STAINING.	ABU. FEOX, TR MALCHITE STRG SHEARED, SHATTERED NUMEROUS FAULTS.	N70°W 50°SW	STRC. - MINOR QZ STOCKWORK R.C - Random 6' of FACE
GF-4	META SEDS - CUT BY LOW ∡ STRUCTURE FEOX, SILIC	FEOX SILIC. SHATTERED, SILIC'D	N75°W 50°SW	SIMILAR LOOKING TO GF-2 ORIGINAL STRUCTURAL REGIONAL N10°E V DIP.
GF-	PART OF "DETACHMENT" INTENSELY SHATTERED UNKNOWN ROCK TYPE	SPEC, HEM, NO OBVIOUS CU,	N70°W 30°SW	Random Chip GRAB SIDEWALL Bx, SHATT ZONE.
GF-6	SMALL STRUCTURE PART OF DETACHMENT, GRAB WASH Bx'd GRANITIC ??	SPEC, HEM QZ	N30°W 30°SW	Random Chip.
GF-7	GRANITIC ROCK. - SMALL (1-2') BUT PROMINENT FA ZO	FEOX, HM, ±QZ SPECULARITE	N20°W 45°N	2' WIDE ZONE MAJOR STRUCTURE N75-85°W SLJ → SW
GF-8	INTENSELY SHATTERED ZONE GXPOSED ALONG BOTH SIDES OF WASH	" "		
GF-9	WH → MOD FRACT ZONE GRANITIC	LIT - FEOX, HEM.		

ANALYSIS REPORT

American Assay Laboratories Inc.

REPORT : SP 016405

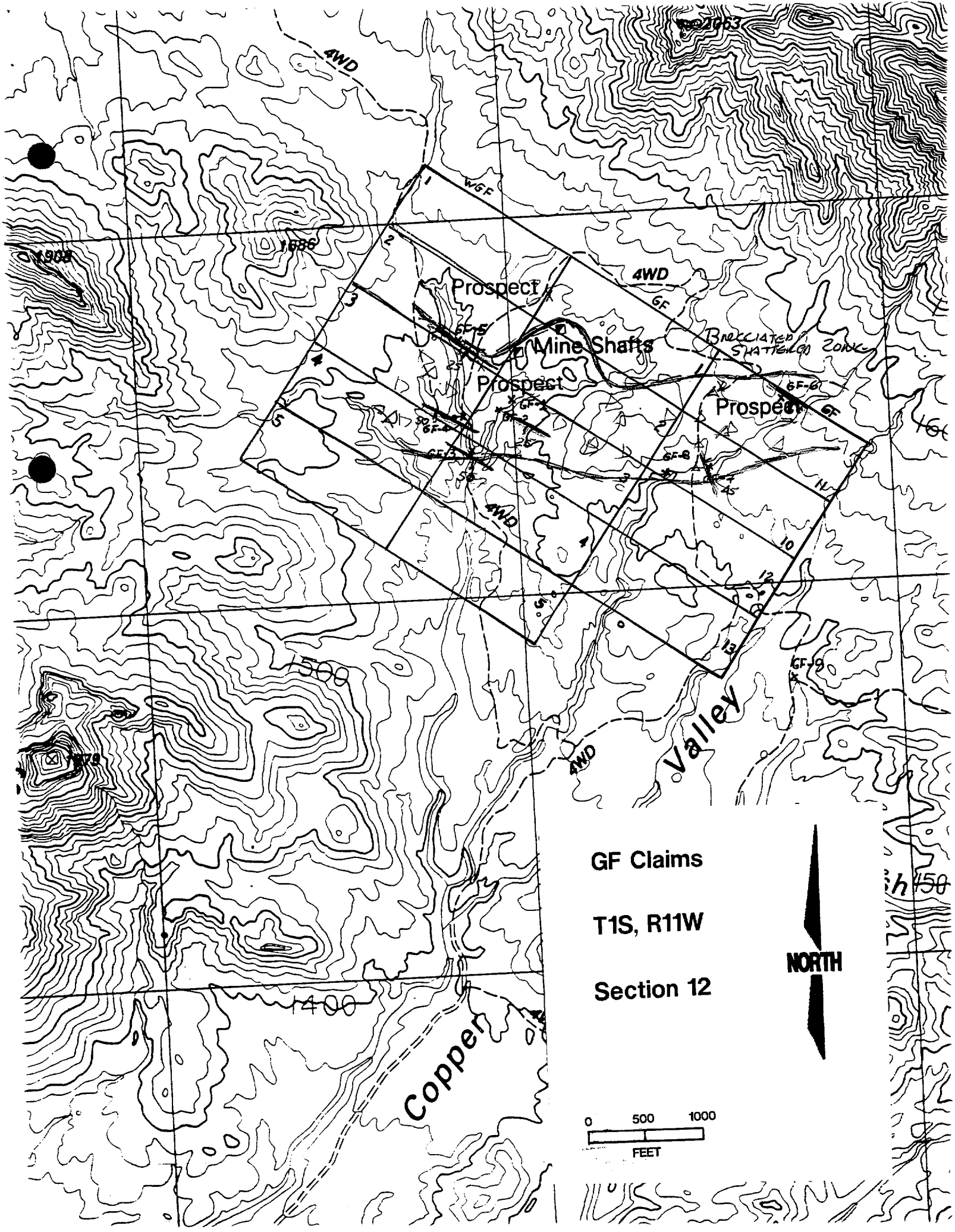
Sample	Au ppb	Au ppb	Cu ppm
GF-1	218	222	9520
GF-2	18	15	2763
GF-3	13		2495
GF-4	<5		1394
GF-5	9		1352
GF-6	<5		36
GF-7	5		98
GF-8	<5		244
GF-9	<5		57

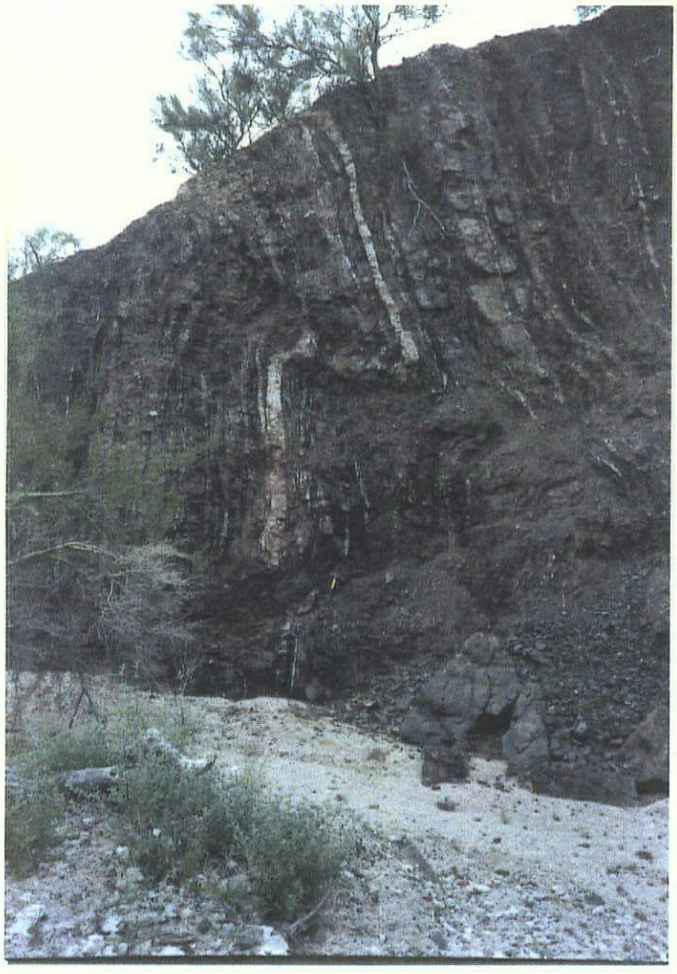
Please refer to the cover sheet for further analysis details.

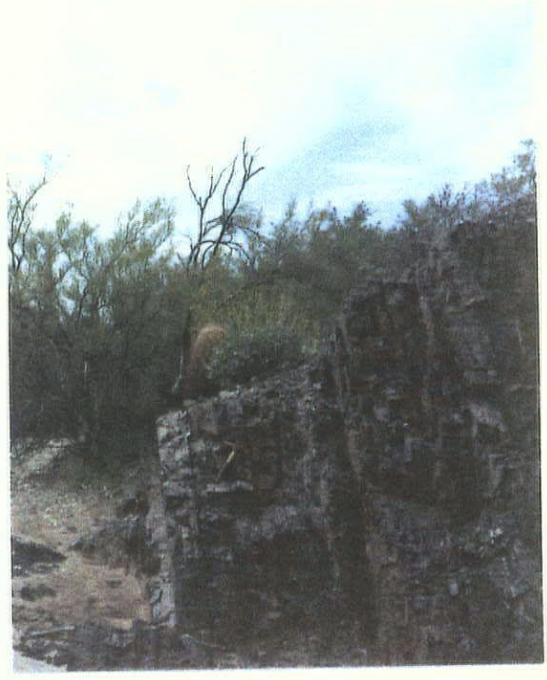
ASARCO Inc.

APR 1 3 1992

SW Exploration


GF Claims
T1S, R11W
Section 12
NORTH
0 500 1000
FEET
Prospect
Mine Shafts
Prospect
Prospect
Valley
Copper
4WD
WGF
GF
BRECCIATED SHATTERED ZONE
GF-5
GF-4
GF-3
GF-6
GF-8
GF-9
1500
1400
1686
1908
1979
2063





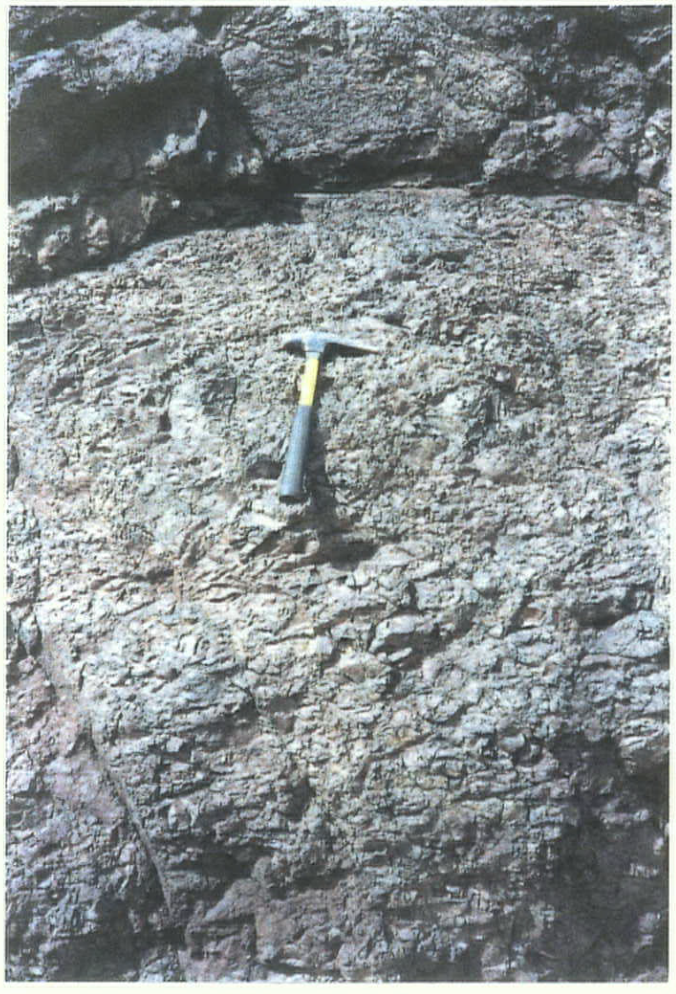
METASEDIMENTS & METAVOLCANICS
YAVAPAI SERIES EQUIVALENT.
NOTE THE INTENSLY FOLDED "BEDS"

GF-4

GF-2

LOW & HEMATIZED + CuOx MINERALIZED
STRUCTURES

INTENSLY SHATTERED AND HEMATIZED
VOLCANIC UNIT. GF-8
LOOKING NORTH.



CLOSE-UP OF ABOVE PHOTO

~~WLK~~ - ER FILE

ASARCO EXPLORATION RECORD

[X] FIELD EXAMINATION [ ] LITERATURE SEARCH [ ] ASARCO FILE [ ] _____

Section I General Indexing

① Name(s) of Property or Area	② Country	③ State or Province
Hart Mountain Area	USA	Arizona
	④ USGS Quad. Cibola SE	⑤ File or Gore No.

⑥ Latitude	⑦ Longitude	⑧ AMS Sheet	Township	Range	Section	⑨ Examined by	⑩ Date
33°17'33"	114°35'	Salton Sea	1S	23W	36	M.A. Miller	3/22/91
						⑪ Office SWED	⑫ Field Days 1

Section II Sources of Information

Date Typed 4/8/91

⑬ References

Author	Date	Title	Publications	Vol. No.
John van Geldern, E.M.	10/30/87	Summary Evaluation Report - Hart Mine Gold		
Mission Minerals - Associated Assay Reports				

Section III Appraisal

⑭ Recommendations

- [ ] Action Now
- [X] Too Low Grade
- [X] Too Small
- [ ] Ownership Problem
- [ ] Access Problem
- [ ]

⑮

- [ ] Post Producer
- [ ] Producer
- [ ] Mineral Deposit
- [X] Prospect
- [ ]
- [ ] Geologic Concept
- [ ] Geochem Anomaly
- [ ] Geophy Anomaly
- [ ]

⑯ Production

Commodity	Tons	Grade
Au?	?	?

⑰ Reserves [ ] Measured [ ] Estimated

Commodity	Tons	Grade
None		

⑱ Num. Drill Holes _____ Approx Total Footage _____

⑲ Excavations 2 small adits, several small pits

⑳ [ ] Spectro. Analysis Attached ㉑ [X] Assays Attached ㉒ [ ] Geochem Results Attached

Section IV Geologic Data

㉓ Commodity or Contained Metals: Au

㉔ Ore Minerals-Major: Au Minor: _____

㉕ Host Rocks-Major: Granites, Diabase? Minor: _____

㉖ Age of Host Rocks: ?

㉗ Nature of Exposures: As outcrop on Hart Mountain

㉘ Alteration: None seen, but strong hematite in fault zones.

㉙ Total Extent: _____

㉚ Structure: No obvious structure other than 6" to 3' quartz vein/fault.

㉛ Ore Occurrence: Associated with quartz vein as free gold. Visible gold seen in piece of hematized quartz

㉜ Age of Mineralization: _____

㉝ Conclusions & Recommendations: No action recommended, the lack of alteration precludes a sizeable drill target.

(For additional space use extra sheets)

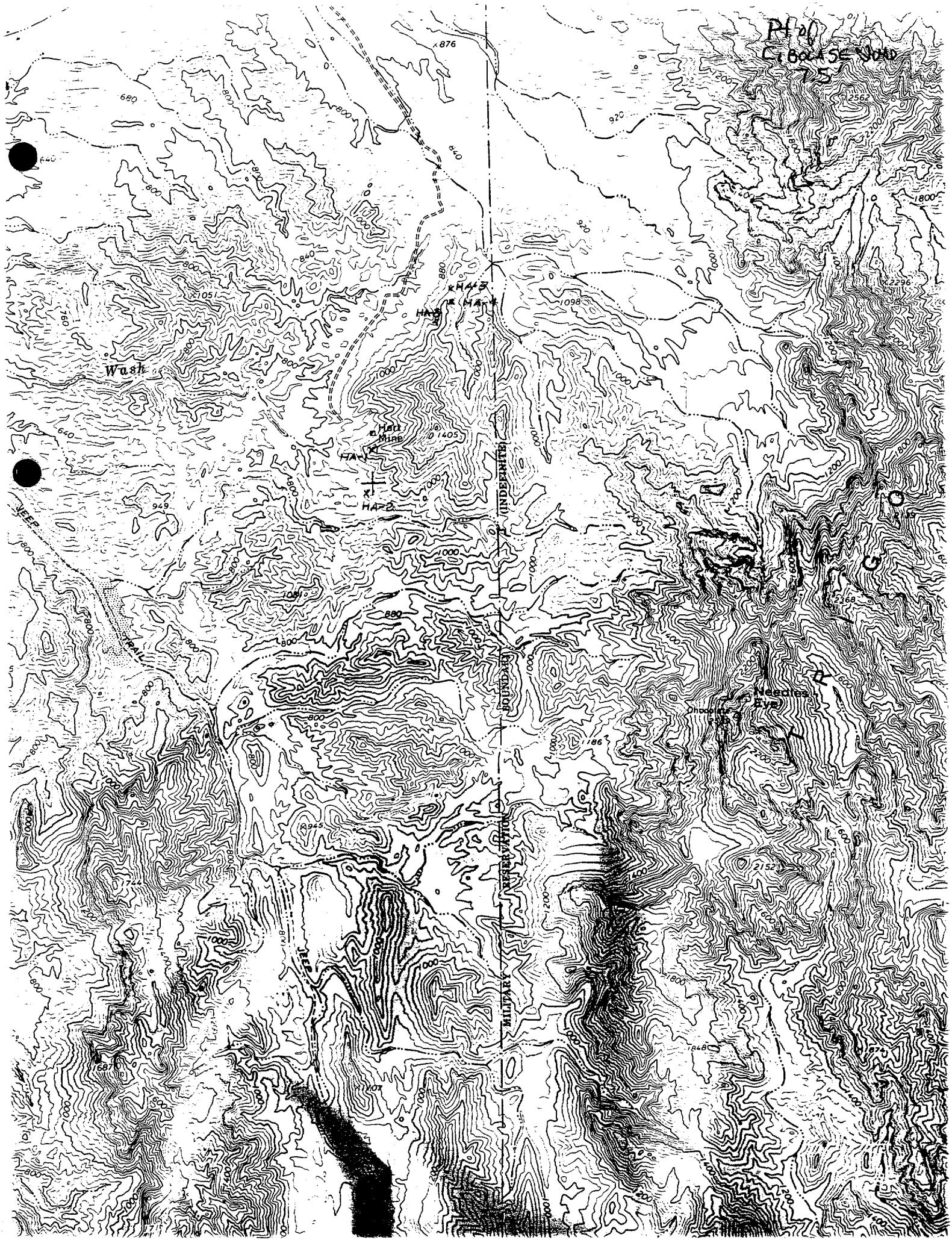
Form Revised-June 1980-J.H.C. MVK-5193

HART MINE AREA

La Paz County, Arizona

(Au in ppb)

HA-1	Road Cut - Biogneiss - fractured, possibly weakly altered random chip through road cut. (<5)
HA-2	Felsic unit interbedded with meta basalts 10' random rock chip. (7)
HA-3	Hematite on fracture surfaces grab sample from 1-2' altered area, little sericitic alteration. (6)
HA-4	N40°E, V. Quartz vein and/or fault structure. Abundant hematite, visible gold associated with hematite. Pit sampled is 25' x 5'. Sampled 6" vein. (377)
HA-5	N10°E 25-30°W ±48' long exposure of hematized granite, trace CuOx. Grab sample (random). (12)


Wash
Hard Mine
HA-1
HA-2
HA-3
HA-4
JEEP TRAIL
JEEP
MILITARY RESERVATION BOUNDARY
INDEFINITE
Needles Eye
Chocolate Peak
876
680
640
920
880
840
760
1051
1098
1405
949
1186
945
687
1107
2562
2296
2368
2152
1468

ANALYSIS REPORT

HMMTN
Yuma

American Assay Laboratories

RENO: 1500 Glendale Ave,SPARKS 89431
P.O. Box 71060, RENO 89570
Ph (702)356 0606 Fax 3561413

ASARCO, INC.

REPORT : SP 010946 1 Page(s) Date : 03/29/91

Client reference : H-MTN-1/5 Project : MISSION MINING

Cost code :

Copies to : MARK MILLER-INVOICE

J.D. SELL-RESULTS

Samples : Type Preparation code
Received : 03/27/91

Analysis	Code	Quality Parameter	Detection	Units
Au	FA30	Acc. 15 %	5	ppb
Au(R)	FA30	Acc. 15 %	5	ppb

ANALYSIS REPORT

American Assay Laboratories

REPORT : SP 010946

Sample	Au ppb	Au(R) ppb
H-MTN 1	<5	
H-MTN 2	7	
H-MTN 3	6	9
H-MTN 4	377	389
H-MTN 5	12	

Please refer to the cover sheet for further analysis details.

WLK - ER FILE

ASARCO

Southwestern Exploration Division

February 15, 1991

J.D. Sell

Bennet Mine Area
White Pichacho District
Maricopa County, Arizona

The Bennet Mine (Buffalo Arizona) property is located in the White Pichacho District, Maricopa County, Arizona. The property was discovered (again) during a file search in the various districts in Arizona. The inference of the file reports was that ore grade from .05 to >.5 opt gold was present in a quartz stockwork zone up to 300' wide. The data and reports suggested an open pittable potential. Two days were spent in reconnaissance sampling of the property. The attached map show the sample locations and general geology. Of particular interest was a large color anomaly in the Tertiary volcanics. Several workings sampled within this anomaly showed Cu oxide mineralization with one sample running 2.33% Cu (Ben #5). No significant gold was found in the sampling of the most obvious and better looking alteration/ mineralization. The "mineralization" appears to be hosted in Tertiary volcanics in contact with a quartz/muscovite schist. The schist is unmineralized. Mineralization is associated with a northwest trending siliceous zone from 2-10' thick. This zone is strongly siliceous and hematized. The linear zone trends into the red color anomaly. There appears to be a zoning of copper within the color anomaly and little to no copper outside the zone. On the basis of the reconnaissance sampling, no further work is recommended.

Mark A. Miller

MAM:mek

cc: W.L. Kurtz

ASARCO EXPLORATION RECORD

[X] FIELD EXAMINATION [X] LITERATURE SEARCH [X] ASARCO FILE [ ] _____

Section I General Indexing

① Name(s) of Property or Area	② Country	③ State or Province
BENNET MINE/BUFFALO ARIZONA	USA	Arizona
	④ USGS Quad.	⑤ File or Gore No.

⑥ Latitude	⑦ Longitude	⑧ AMS Sheet	Township	Range	Section	⑨ Examined by	⑩ Date
33°55'	112°30'	Phoenix	7N	2W	30	M.A. Miller	8/4/90
						⑪ Office: Tucson SWED	⑫ Field Days: 1

Section II Sources of Information

Date Typed 8/10/90

⑬ References

Author	Date	Title	Publications	Vol. No.
Asarco Files				
Arizona Dept. of Mineral Resources Files, Bennet Mine				

Section III Appraisal

⑭ Recommendations
- [X] Action Now
- [ ] Too Low Grade
- [X] Too Small
- [ ] Ownership Problem
- [ ] Access Problem
- [ ]

⑮
- [X] Post Producer
- [ ] Producer
- [ ] Mineral Deposit
- [ ] Prospect
- [ ]
- [ ] Geologic Concept
- [ ] Geochem Anomaly
- [ ] Geophy Anomaly
- [ ]

⑯ Production

Commodity	Tons	Grade
Au, Cu	?	

⑰ Reserves [ ] Measured [ ] Estimated N/A

Commodity	Tons	Grade

⑱ Num. Drill Holes _____ Approx Total Footage _____

⑲ Excavations Several small pits, 3 adits - 1 shaft

⑳ [ ] Spectro. Analysis Attached ㉑ [X] Assays Attached ㉒ [ ] Geochem Results Attached

Section IV Geologic Data

㉓ Commodity or Contained Metals: Au, Cu

㉔ Ore Minerals-Major: Au? Malachite (Cu Ox) Minor

㉕ Host Rocks-Major: Andesite Volcanics - Mica Schist Minor

㉖ Age of Host Rocks: Tertiary?

㉗ Nature of Exposures: Outcrop in wash areas - Outcrop.

㉘ Alteration: Large (2000'x 1000') area of red hematitic color anomaly

㉙ Total Extent: 2000' x 1000'

㉚ Structure: Linear structure EW to N40°W 1000-1500' long - traced by pits, cuts & hematitic, altered volcanics

㉛ Ore Occurrence: Presumably associated with the altered/hematized volcanics.

㉜ Age of Mineralization

㉝ Conclusions & Recommendations: Large color anomaly with abundant Cu Ox may suggest a porphyry Cu type system (descriptive, not genetic). Linear structure appears to strike into color anomaly. Reconn. sampling should show mineral potential; if favorable, detailed sampling, mapping and trenching in order. Property currently under control of C.L. May, Glendale, AZ. Old assay reports at ($20/oz gold) indicate values from .1 to 4 opt Au. Many assays are in quarter to half oz/ton range. (Continued on page 2)

(For additional space use extra sheets)

33. Conclusions & Recommendations (Continued)

Description of the property in the files indicated a stockwork type mineralized environment; however, first inspection of the property does not have this appearance. Two possible targets exist:

1. The area of hematite and copper occurrences
2. Linear structure trending into color anomaly with numerous pits and one shaft and adits.

9/7/90 - Assays received - No further work recommended.

8/4/90

BENNET MINE AREA

Maricopa County, Arizona

Au (opt), Ag (opt), Cu (%)

Ben-1	Small adit 40' long N-S strike 45°E, silic zone in volcanics 5' vertical sample (.01, .08, .02)
Ben-2	Hematite zone in volcanics, weak to locally moderate, approx 1/4% CuOx seen in float in small drainage, possible gossan (<.002, <.01, .01)
Ben-3	Small dump in FeOx stained (Hem. stained) volcanics (andesites?). Pieces of CuOx on dump (<.002, <.001)
Ben-4	Small dump with CuOx - Sericitic Alteration
Ben-5	Sheared, shattered structure N-S 60°W dip. Abundant CuOx in fractures, sericitic alteration in volcanics, partly silicified vertical chip across structure (.002, <.01, 2.33)
Ben-6	Dump, small adit with rattlesnake in portal, sampled oxidized and altered dump instead heavily Fe stained, some spec. hematite, part silic. (<.002, .01, .01)
Ben-7	Sample taken in light gray unaltered? andesites, adjacent to caved adit. Major structure seen is N20°W 75°SW shear?
Ben-8	Hand picked dump sample with CuOx and FeOx, high grade sample (.095, <.01, .63)
Ben-9	Strong linear FeOx zone in andesites? Appears to be sericitically altered and siliceous N-S, 25°E zone appears to cross-cut original deposition of volcanics. Attitude of volcanics E-W 80°S (<.002, <.01, <.01)
Ben-10	3-500' from Ben-9 on same structure, 10' wide on dip N40°W 40°NE. Possible fault offset.
Ben-11	Volcanic host rock adjacent to mineralized zone, 10' rock chip strike (<.002, <.01,<.01)
Ben-12	Altered (hematite, weak sericite) below big dump, 20-30' random chip, attitude of rocks is E-W 45°W (<.002, <.01, <.01)
Ben-13	Altered and silic zone in volcanics, E-W vertical dip, 20' thick abundant Hm staining (<.002, <.01, .05)

SKYLINE LABS, INC.
1775 W. Sahuaro Dr. • P.O. Box 50106
Tucson, Arizona 85703
(602) 622-4836

REPORT OF ANALYSIS

JOB NO. TAJ 665
August 28, 1990
PROJECT: BEN
BEN 1-13, Y-SEC-23
PAGE 1 OF 1

ASARCO INCORPORATED
Attn: Mr. Mark Miller
Southwestern Exploration
P.O. Box 5747
Tucson, AZ 85703

ASARCO Incorporated
AUG 28 1990
SW Exploration

Analysis of 13 Rock Chip Samples

ITEM	SAMPLE NUMBER	FIRE ASSAY Au (oz/t)	Ag (oz/t)	Cu (%)	As (%)
1	BEN 1	.010	.08	.02	.008
2	BEN 2	<.002	<.01	.01	.001
3	BEN 3	<.002	<.01	.25	.001
4	BEN 4	<.002	<.01	.13	.001
5	BEN 5	.002	<.01	2.33	.003
6	BEN 6	<.002	.01	.01	<.001
7	BEN 8	.095	<.01	.63	.002
8	BEN 9	<.002	<.01	<.01	<.001
9	BEN 10	<.002	<.01	.01	.002
10	BEN 11	<.002	<.01	<.01	<.001
11	BEN 12	<.002	<.01	<.01	.001
12	BEN 13	<.002	<.01	.05	.001
~~13~~	~~[illegible]~~	~~<.002~~		~~<.01~~	~~<.001~~

cc: Mr. J. D. Sell

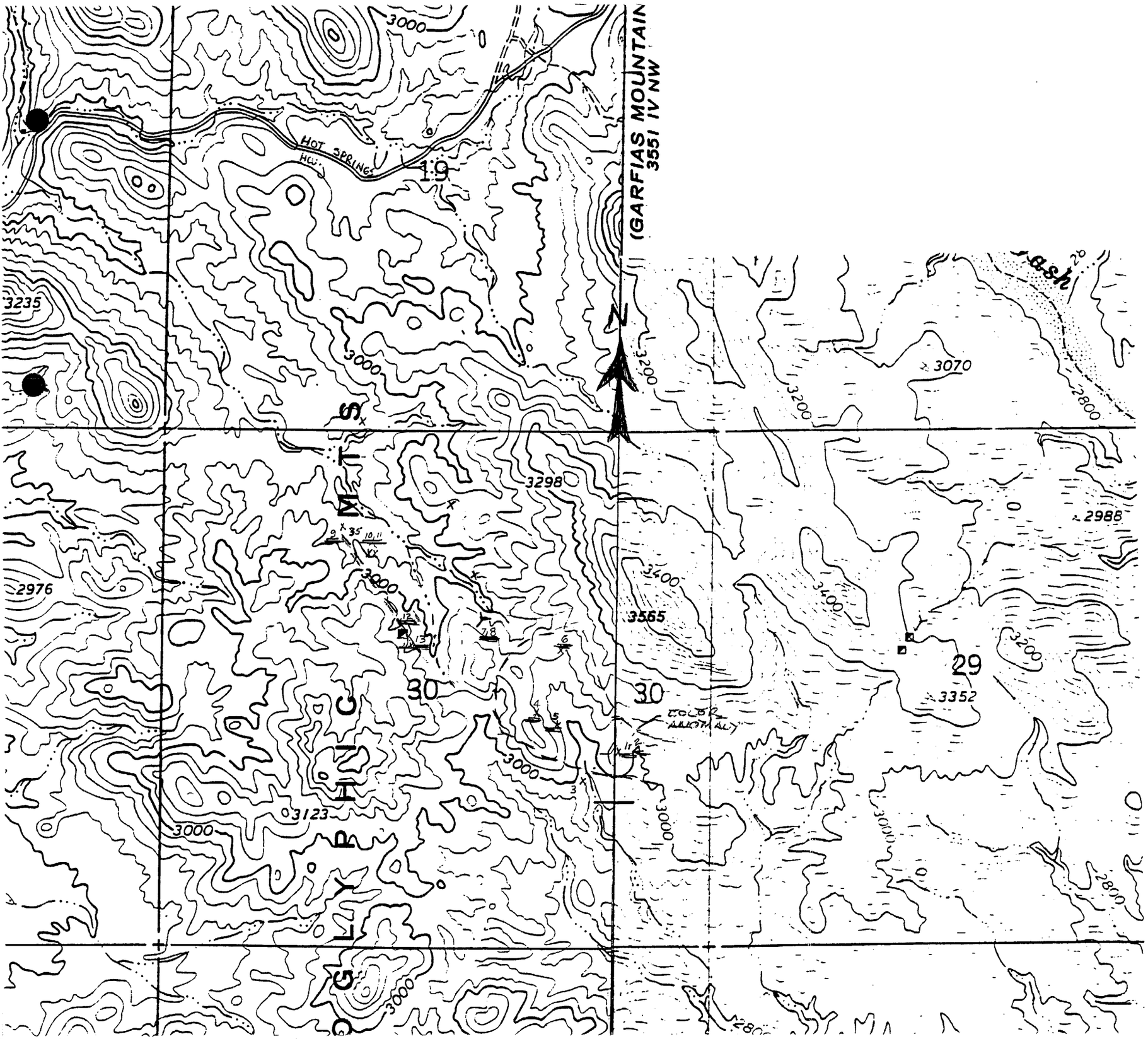
REGISTERED ASSAYER CERTIFICATE NO. 9825 WILLIAM L. LEHMBECK

8/28/90

Charles E. Thompson

William L. Lehmbeck
Arizona Registered Assayer No. 9825

James A. Martin
Arizona Registered Assayer No. 11122



4 SAMPLE LOCATION
X (ROCK CHIP)

35 MINERALIZED STRUCTURE

COLOR ANOMALY
AREA OF COPPER OXIDES

BENNET MINE / BUFFALO
ARIZONA
MARICOPA CO, AZ
1" = 1000'
(ENLARGED FROM
RGO PICHACHO & GARFIAS MTN
7.5' TOPOS)

~~WK~~ ER FILE

ASARCO EXPLORATION RECORD

[X] FIELD EXAMINATION [X] LITERATURE SEARCH [ ] ASARCO FILE [ ] _____

Section I General Indexing

① Name(s) of Property or Area: GRANITE MOUNTAIN					② Country: USA	③ State or Province: Arizona	
					④ USGS Quad.: Jerome S	⑤ File or Gore No.:	
⑥ Latitude	⑦ Longitude	⑧ AMS Sheet: Prescott	Township: 15N	Range: 3W	Section: 16,20 21	⑨ Examined by: M.A.Miller	⑩ Date: 11-16-90
						⑪ Office: SWED Tucson	⑫ Field Days: 1

Section II Sources of Information

Date Typed 11/30/90 MVM

⑬ References

Author	Date	Title	Publications	Vol. No.

Section III Appraisal

⑭ Recommendations
- [ ] Action Now
- [ ] Too Low Grade
- [X] Too Small
- [ ] Ownership Problem
- [X] Access Problem
- [ ]

⑮
- [ ] Post Producer
- [ ] Producer
- [ ] Mineral Deposit
- [X] Prospect
- [ ]
- [ ] Geologic Concept
- [ ] Geochem Anomaly
- [ ] Geophy Anomaly
- [ ]

⑯ Production

Commodity	Tons	Grade
?		

⑰ Reserves [ ] Measured [ ] Estimated

Commodity	Tons	Grade
?		

⑱ Num. Drill Holes _____ Approx Total Footage _____

⑲ Excavations: Several Pits & Shafts

⑳ [ ] Spectro. Analysis Attached ㉑ [X] Assays Attached ㉒ [X] Geochem Results Attached

Section IV Geologic Data

㉓ Commodity or Contained Metals: Gold

㉔ Ore Minerals-Major: Gold Minor: _____

㉕ Host Rocks-Major: Schists, Phyllites Minor: _____

㉖ Age of Host Rocks: PЄ ?

㉗ Nature of Exposures: Along long ridge and on sides of ridge.

㉘ Alteration: Limited to 5-10' from quartz vein - sericitic alteration?

㉙ Total Extent: 5-10' from quartz vein

㉚ Structure: Prob. Faults/quartz vein N30-45°E 80° to vertical. Observed strike length approx. 1 mile.

㉛ Ore Occurrence: Probably associated with sulfides and oxides. Dump samples highest in sulfides has high gold, silver assay.

㉜ Age of Mineralization: ?

㉝ Conclusions & Recommendations: Although the vein material is ore grade >.1 the thickness does not suggest very good economics unless the structure thickens with depth. Bond Gold conducted extensive sampling and geophysics over the project. Intense environmental pressure from the local Prescottians has stopped the project. We should leave this one alone.

(For additional space use extra sheets)

GRANITE MOUNTAINS PROSPECT

(in opt Au, Ag)

YGM-1 Near vertical shaft in meta sediments (schists, phyllites), sericitic zone adjacent to vein - extends outward approximately 5-10' either side of vein. Select Dump Sample of quartz only. Quartz is vuggy Fe oxides and Mn oxides (>10 ppm, about .09)

YGM-2 Quartz vein 3.5" wide. Rock Chip across vein and wall rock. Strong shear at quartz/schist contact N 30-35°E +80 → vertical, .04, <.01.

YGM-3 Quartz vein in vertical shaft. Dump samples - sulfies only 3-5% Py. N45°E vertical dip. Quartz Vein 3-4' thick (.21, .61)

YGM-4 Oxides only >10% limonite, goethite (.10, .03)

YGM-5 Thicker quartz vein or silicified zone. Small prospect pit. 10' Rock chip sample quartz vein (siliceous zone) holds up ridge. Zone attains 50' of thickness, vertical dip (0.04, .01).

YGM-6 Meta sediments: schists and phyllites, few thin quartz veins 15 ' horizontal rock chip bedding N30°E 70°NW (.004, <.01)

ASARCO INCORPORATED
Attn: Mr. Mark Miller
Southwestern Exploration
P.O. Box 5747
Tucson, AZ 85703

Analysis of 6 Rock Chip Samples GRANITE MOUNTAIN

ITEM	SAMPLE NO.	Au (ppm)	Ag (ppm)
1	YGM-1 Dump	>10.00*	3.0
2	2' YGM-2 VEIN	1.30 (.04)	.2
3	YGM-3 Dump surface	7.40 .21	21.0
4	YGM-4 Dump oxides	3.30 .16	1.0
5	YGM-5 Large vein	1.50 .04	.2
6	YGM-6	.16	<.2

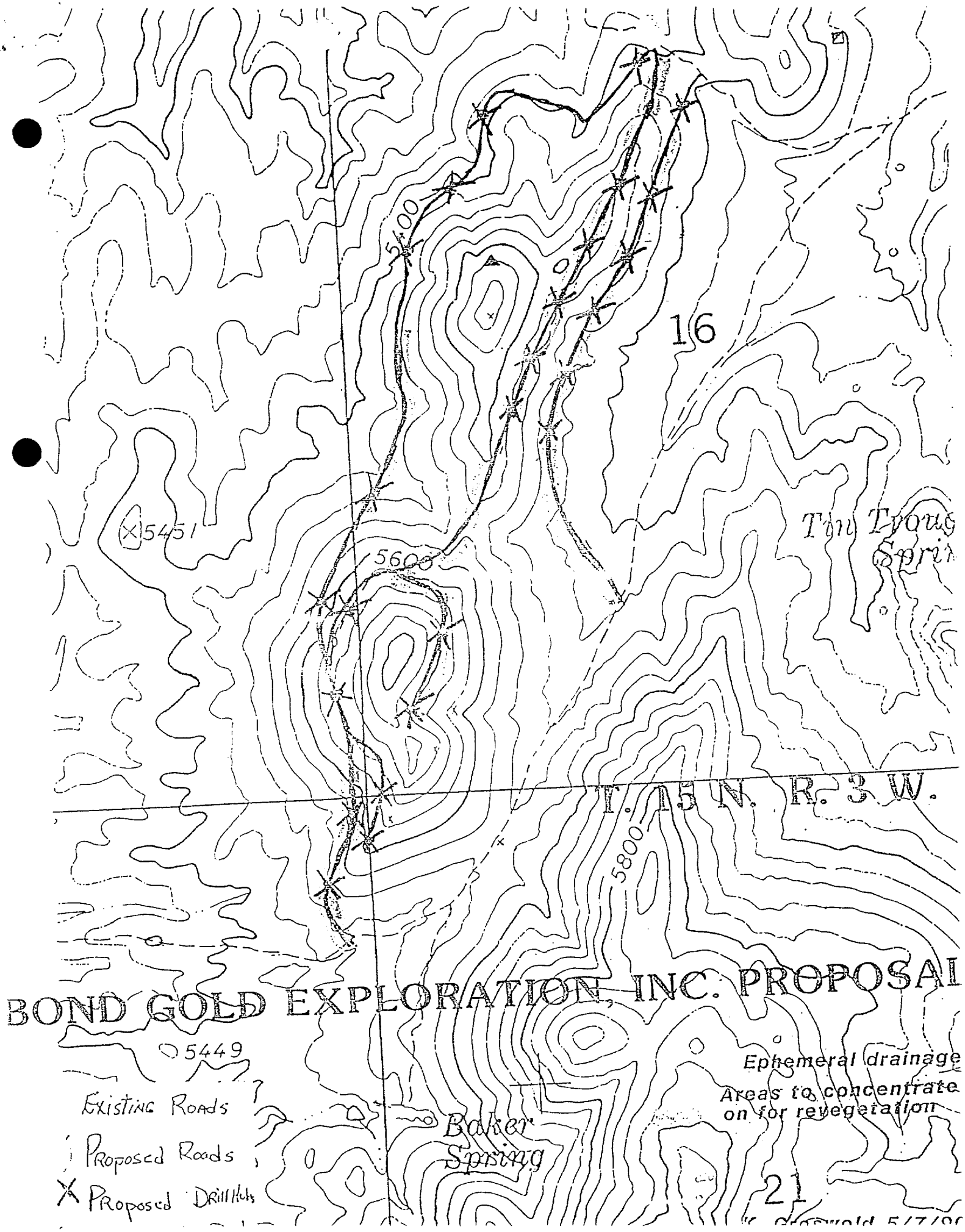
*NOTE: Fire Assay results to follow as TAJ703-A.

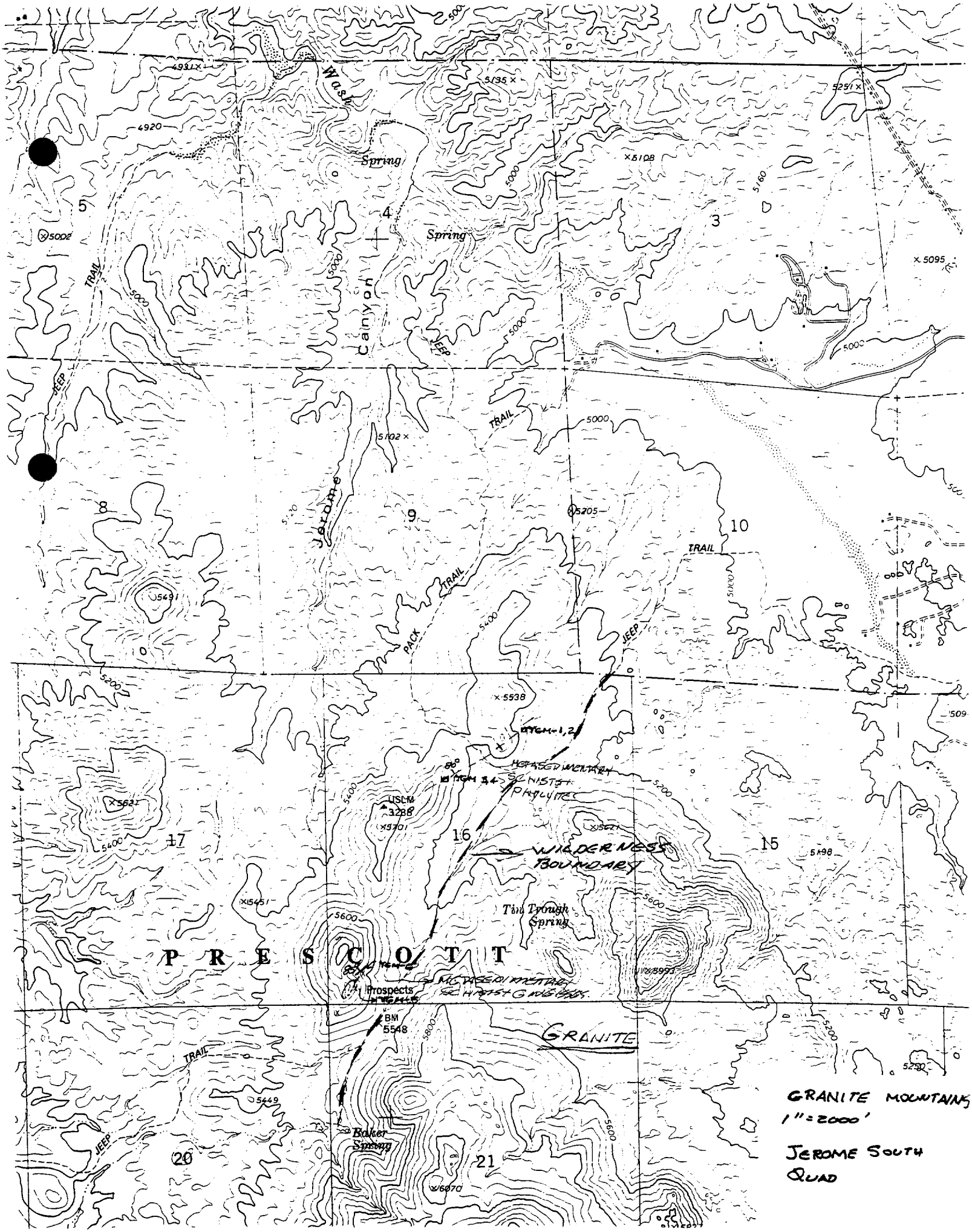
cc: Asarco Incorporated
Attn.: Mr. James D. Sell
Southwestern Exploration
P.O. Box 5747
Tucson, Arizona 85703

Charles E. Thompson
Arizona Registered Assayer No. 9427

William L. Lehmbeck
Arizona Registered Assayer No. 9425

James A. Martin
Arizona Registered Assayer No. 11122


BOND GOLD EXPLORATION, INC. PROPOSAL
T. 15 N. R. 3 W.
16
21
5400
5600
5800
5451
5449
Tin Trough Spring
Baker Spring
Ephemeral drainage
Areas to concentrate on for revegetation
Existing Roads
Proposed Roads
Proposed Drill Holes



GRANITE MOUNTAINS
1" = 2000'

JEROME SOUTH
QUAD

WLK-ER File

ASARCO EXPLORATION RECORD

☐ FIELD EXAMINATION ☐ LITERATURE SEARCH ☐ ASARCO FILE ☒ Submittal

Section I General Indexing

① Name(s) of Property or Area	② Country	③ State or Province
Stardust Project	USA	Arizona
	④ USGS Quad. Eagletail Mtn, 15'	⑤ File or Core No.

⑥ Latitude	⑦ Longitude	⑧ AMS Sheet	Township	Range	Section	⑨ Examined by	⑩ Date
33°15'N-33°18'N	113°16'W-113°23'W	Phoenix	2 S	10 W	5 et al	J.D. Sell	11-13-90
						⑪ Office Tucson SWED	⑫ Field Days None

Section II Sources of Information

Date Typed 11/19/90

⑬ References

Author	Date	Title	Publications	Vol. No.
Kern, Richard R.	June 1990	Stardust Project, Yuma & Maricopa Cos., AZ		
		Project report of Homestake Mining Co. activities		

Section III Appraisal

⑭ Recommendations
- ☐ Action Now
- ☐ Too Low Grade
- ☐ Too Small
- ☐ Ownership Problem
- ☐ Access Problem
- ☒ No gold in

⑮
- ☐ Post Producer
- ☐ Producer
- ☐ Mineral Deposit
- ☒ Prospects
- ☒ Drilling
- ☐
- ☒ Geologic Concept
- ☒ Geochem Anomaly
- ☐ Geophy Anomaly
- ☐

⑯ Production

Commodity	Tons	Grade
Ag-Mn	Minor	

⑰ Reserves ☐ Measured ☐ Estimated

Commodity	Tons	Grade
None		

⑱ Num. Drill Holes drill hole.75
Approx Total Footage 5,669

⑲ Excavations previous mine shafts etc.

⑳ ☐ Spectro. Analysis Attached

㉑ ☒ Assays Attached in report Au-Ag

㉒ ☒ Geochem Results Attached in report Au-Ag-Cu

Section IV Geologic Data

㉓ Commodity or Contained Metals Silver, manganese, looking for gold (only smell found)

㉔ Ore Minerals-Major _____ Minor _____

㉕ Host Rocks-Major Pe schist & 2-mica gr intruded by cretaceous monzonite Minor Tert. Volcanics

㉖ Age of Host Rocks as above

㉗ Nature of Exposures Basin/Range Mtn area, fair exposures.

㉘ Alteration Epidote, hematite, chlorite in detachment structure

㉙ Total Extent

㉚ Structure Detachment zone mapped and high angle qtz veins.

㉛ Ore Occurrence Minor silver-manganese produced from high-angled qtz veins.

㉜ Age of Mineralization Laramide - Late Tertiary

㉝ Conclusions & Recommendations Homestakes exploration over 18 sq. miles and 75 drill holes failed to find a viable follow-up target. Values in detachment zone and high angled quartz veins not of sufficient size and extent.

Good mapping adds another piece to the W AZ puzzle.

(For additional space use extra sheets)

Form Revised-June 1980-J.H.C. MVK-5193

WLK - ER FILE

ASARCO EXPLORATION RECORD

[X] FIELD EXAMINATION [ ] LITERATURE SEARCH [ ] ASARCO FILE [ ] _____

Section I General Indexing

① Name(s) of Property or Area	② Country	③ State or Province
SINOSKI MINE	USA	Arizona
	④ USGS Quad. Yarnell	⑤ File or Core No.

⑥ Latitude	⑦ Longitude	⑧ AMS Sheet	Township	Range	Section	⑨ Examined by	⑩ Date
		Prescott	9N	4W	10	M.A. Miller	6-17-90
						⑪ Office SWED Tucson	⑫ Field Days 1

Section II Sources of Information

Date Typed 6/21/90

⑬ References

Author	Date	Title	Publications	Vol. No.
None - No reference in files.				

Section III Appraisal

⑭ Recommendations
- [ ] Action Now
- [ ] Too Low Grade
- [ ] Too Small
- [ ] Ownership Problem
- [ ] Access Problem
- [X] Low Priority

⑮
- [ ] Post Producer
- [ ] Producer
- [ ] Mineral Deposit
- [X] Prospect
- [ ]

- [ ]
- [ ] Geologic Concept
- [ ] Geochem Anomaly
- [X] Geophy Anomaly
- [ ]

⑯ Production

Commodity	Tons	Grade
Au	?	?

⑰ Reserves [ ] Measured [ ] Estimated

Commodity	Tons	Grade

⑱ Num. Drill Holes _____ Approx Total Footage _____

⑲ Excavations One incl. shaft small open cut

⑳ [ ] Spectro. Analysis Attached ㉑ [X] Assays Attached ㉒ [ ] Geochem Results Attached

Section IV Geologic Data

㉓ Commodity or Contained Metals Au

㉔ Ore Minerals-Major _____ Minor _____

㉕ Host Rocks-Major Granites Volcanics ? Minor _____

㉖ Age of Host Rocks PЄ ? Tertiary _____

㉗ Nature of Exposures On small hill and in surrounding washes

㉘ Alteration Weak propylitic→sericitic towards structure-- unknown away from structure.

㉙ Total Extent 300' as seen on strike

㉚ Structure Appears to be a flat fault - N40°E 20°±NW - little gouge.

㉛ Ore Occurrence ? Probably associated with quartz veining in fault zone. Local rare Py cubes seen (oxidized).

㉜ Age of Mineralization ?

㉝ Conclusions & Recommendations Setting suggests possibilities for a bulk tonnage target, geophysical survey by Asarco indicates a response similar to the Yarnell anomaly. Weak color anomaly (red in hillsides) may be indicative of alteration/gossan. Assays pending on samples. If gold in assays, follow up is in order to extend zone. 7/6/90 Addendum: Results from sampling of best zone show gold values from .003→.013 opt Au. Low priority. Color anomaly should be examined if District wide area reconn initiated within Black Rock Dist., Yavapai Co.

(For additional space use extra sheets)

Form Revised-June 1980-J.H.C. MVK-5193

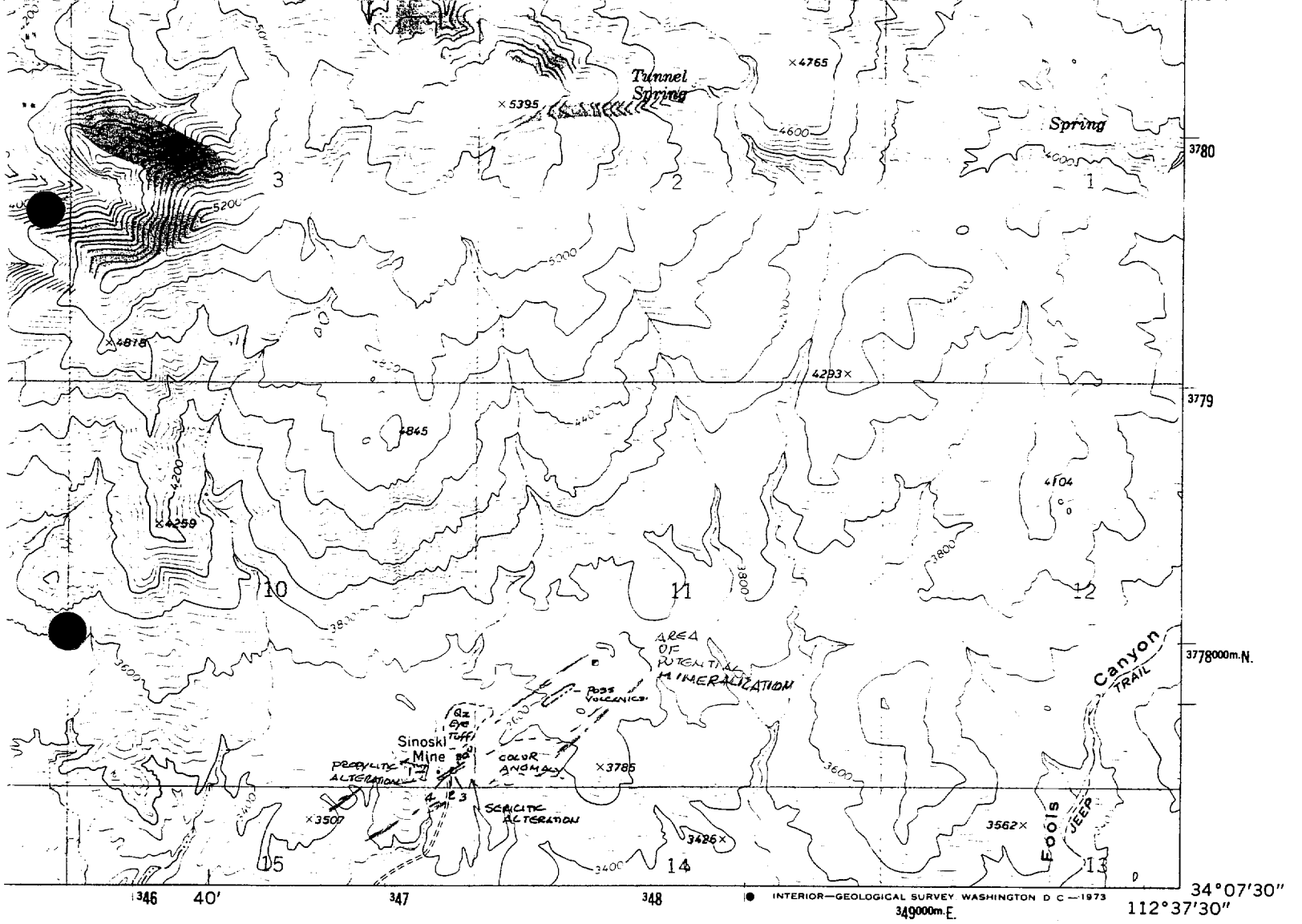
SINOSKI MINE
Yavapai County, Arizona

Sin 1 Random chip in face of wash, 10' high sample, gneisses or granites appear to be weakly propylitized moderately abundant white quartz veinlets, almost stockwork quartz veinlets from $<\frac{1}{4} \rightarrow >1''$ thick. Locally weak CuOx mineralization associated with quartz veins.

Sin 2 Small open cut below small inclined shaft. Strong propylitic → phyllic alteration. Quartz veining abundant with quartz flooding. Moderately abundant FeOx on fracture surfaces. Sample represents a 5-7' chip sample.

Sin 3 Small inclined shaft on flattish structure N40°E 20°±NW. Sericitic alteration, greenish tint to rock, weak → FeOx and MnOx on quartz veins. Abundant quartz stockwork (white quartz).

Sin 4 Dump sample.



1 MILE

7000 FEET

)METER

ROAD CLASSIFICATION

Primary highway, hard surface

Light-duty road, hard or improved surface

Secondary highway, hard surface

Unimproved road

Interstate Route

U. S. Route

State Route

QUADRANGLE LOCATION

NGTON, D. C. 20242
REQUEST

YARNELL, ARIZ.

N3407.5—W11237.5/7.5

1969

AMS 3452 II NW—SERIES V898

SKYLINE LABS, INC.
1775 W. Sahuaro Dr. • P.O. Box 50106
Tucson, Arizona 85703
(602) 622-4836

REPORT OF ANALYSIS

JOB NO. TAJ 647
June 29, 1990
SIN#1-4 TO YAR43

ASARCO INCORPORATED
Attn: Mr. Mark Miller
Southwestern Exploration
P.O. Box 5747
Tucson, AZ 85703

ASARCO Incorp.
JUL 2 1990
SW Exploration

Analysis of 7 Rock Chip Sample

ITEM	SAMPLE NO.	FIRE ASSAY Au* (ppm)	Ag* (ppm)
1	SIN#1	.006	.6
2	SIN#2	.450	.6
3	SIN#3	.370	.4
4	SIN#4	.130	.2
5	BD#3-1	.210	.2
6	BD#3-2	.100	.2
7	YAR43	.008	.2

*NOTE: Method of analysis by combination fire assay and atomic absorption.

cc: J.D. Sell (7/2/90)

ER FILE

ASARCO

Southwestern Exploration Division

May 25, 1990

W.L. Kurtz

J.J. Malusa's Report
Black Rock
Harquahala District
La Paz County, Arizona

Mr. John J. Malusa's report on the field investigation at Black Rock reports low (9-50 ppb) gold values in the brecciated low-angled, detachment-stype fault, and with only a thin (10') of propylitic alteration in the hanging wall, this best zone is of little interest for follow-up drilling.

Similarly, the thin high-angled structures are of no consequence for follow-up.

Knowing the existence of the typical low-angled structure should be remembered when reviewing other properties in the region.

James D. Sell

James D. Sell

JDS:mek
Att.

cc: J.J. Malusa
F.T. Graybeal

ASARCO

Southwestern Exploration Division

WLK
ER File

May 17, 1990

J.D. Sell

Black Rock
Harquahala District
La Paz County, AZ

Introduction

On May 15, 1990, I went to the Little Harquahala Mountains in La Paz County, Arizona to examine a property submitted to Asarco on Feb. 21, 1990, by Richard Ralko of Dayton Mining Corp., 1660-999 W. Hastings St., Vancouver, B.C., V6C 2W2, (604) 662-8383. The property is fully located on BLM land, contains several prospect pits, and small adits; however, there is no record of this property in the published record according to Ralko.

A geologic map of the Little Harquahala Mountains was published in 1985 by the Arizona Bureau of Geology and Mineral Technology, Open-File Report 85-9. This report also contains a brief geologic history of the area and is the best published information base available. Ralko's Preliminary Exploration Report on the Black Rock Property is included as Attachment A.

Geology

In general, Mesozoic sedimentary and volcanic rocks are thrust (?) upon a lower plate, Mesozoic/PЄ (?) granodiorite pluton. It is only at this shear zone (highlighted as "area of interest" on plate 1) that there is a possibility for bulk mineable gold ore. This is due to a fairly wide (≈20') brecciated hematitic zone. However, thorough surface sampling of this zone produced extremely low gold values.

Sampling conducted by Ralko of a different fault, produced moderately high gold values (the highest being 1400 ppb). Unfortunately, this structure is very thin (1' to 2') and steeply dipping underneath a 300' high ridge line, effectively making bulk mining unreasonable.

Conclusion & Recommendations

After a day of hiking, observing the area, reviewing the preliminary report by Ralko and examining the information compiled by the Arizona Bureau of Geology, I would conclude that this area is not set in the correct geologic environment for gold mineralization. Therefore, Asarco should not take further action regarding this property.

John J. Malusa

John J. Malusa

JJM:mek
Att.

Sbumittal by: R.W. Ralko
Box 12227
126 Locust Drive
Lake Havasu City, AZ 86403/855-8507

ASARCO EXPLORATION RECORD

[X] FIELD EXAMINATION [ ] LITERATURE SEARCH [X] ASARCO FILE [X]

Section I General Indexing

① Name(s) of Property or Area: BLACK ROCK, Harquahala District						② Country: USA	③ State or Province: Arizona
						④ USGS Quad.: Hope 15'	⑤ File or Core No.: La Paz County
⑥ Latitude: 33°35'N	⑦ Longitude: 113°37½'W	⑧ AMS Sheet: Phoenix	Township: 3N	Range: 13W	Section: 19,20 29,30	⑨ Examined by: J.J. Malusa	⑩ Date: 5/15/90
						⑪ Office: SWED, Tucson	⑫ Field Days: 1

Section II Sources of Information

Date Typed 5/18/90

⑬ References

Author	Date	Title	Publications	Vol. No.
Spencer/Richard/Reynolds	1985	Geo.Map of Little Harq.Mtns.	ABG&MT	85-9
" " "	1986	Mesozoic Struct. in W.Cent.AZ	AGS	XVI

Info & samples submitted by R.W. Ralko/District Geologist, Dayton Mining Corp.

Section III Appraisal

⑭ Recommendations
- [ ] Action Now
- [ ] Too Low Grade
- [X] Too Small
- [ ] Ownership Problem
- [ ] Access Problem
- [ ]

⑮
- [ ] Post Producer
- [ ] Producer
- [ ] Mineral Deposit
- [X] Prospect
- [ ]

- [ ]
- [ ] Geologic Concept
- [X] Geochem Anomaly
- [ ] Geophy Anomaly
- [ ]

⑯ Production

Commodity	Tons	Grade
None		

⑰ Reserves [ ] Measured [ ] Estimated

Commodity	Tons	Grade
---	None	---

⑱ Num. Drill Holes -0-
Approx Total Footage -0-

⑲ Excavations A few prospect pits and two small adits

⑳ [ ] Spectro. Analysis Attached ㉑ [ ] Assays Attached ㉒ [ ] Geochem Results Attached

Section IV Geologic Data

㉓ Commodity or Contained Metals: Cu, Ag/Au

㉔ Ore Minerals-Major: Malachite Chrysocolla Minor: Specularite epidote red hem.

㉕ Host Rocks-Major: phyllite quartzite Minor:

㉖ Age of Host Rocks: Mesozoic

㉗ Nature of Exposures: Good exposures -- altered thrust (?) Faults nicely exposed.

㉘ Alteration: Slightly silicified, pervasive hematite, with weak propylitic envelope approx. 10' thick in HW.

㉙ Total Extent: 20' E-W x 200' N-S

㉚ Structure: ≈N30°W shear zone in phyllite/qtzite, dips 15-25° SW appears to be a thrust fault.

㉛ Ore Occurrence: CuOx stainings in fractures with strong red hem. staining, trace specularite and epidote -- no sulfides observed/all oxidized.

㉜ Age of Mineralization: Mid Tertiary??

㉝ Conclusions & Recommendations: All obvious altered zones were thoroughly sampled by R.W. Ralko of the Dayton Mining Corp. The 41 samples had very low gold values, averaging ≈.05 ppm or .001 opt. The main altered zone dips underneath a 300 ft. high ridge, then off the claim blocks. Therefore, if there is an orebody constrained by the altered shear zone, it would require a high stripping ratio to recover.

NO FURTHER ACTION IS RECOMMENDED.

(For additional space use extra sheets)

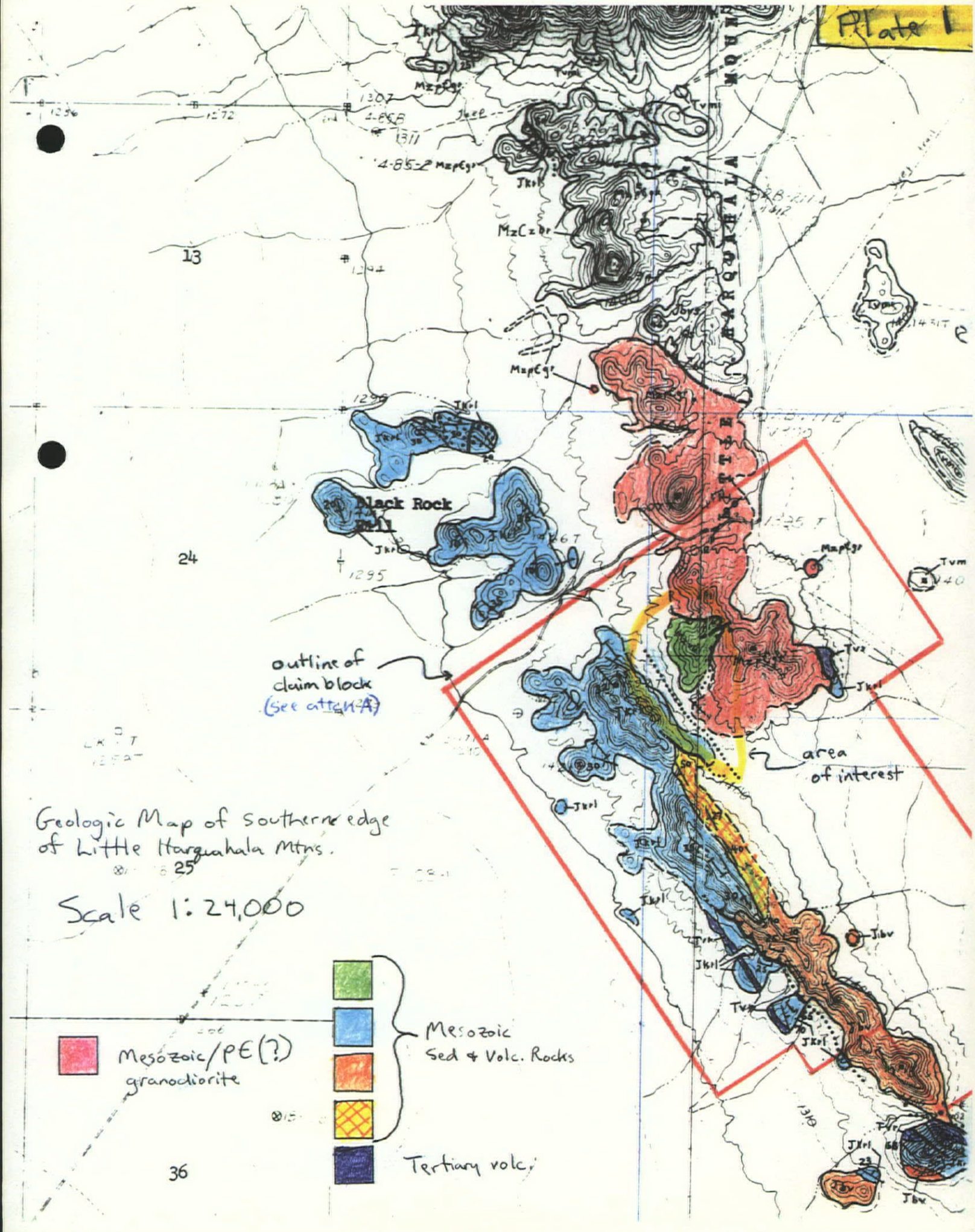


Plate 1
Black Rock Hill
outline of claim block (see attch A)
area of interest
Geologic Map of Southern edge of Little Harquahala Mtns.
Scale 1:24,000
Mesozoic/PE(?) granodiorite
Mesozoic Sed & Volc. Rocks
Tertiary volc.
13
24
25
36

SAM — Seattle: Exit

PRELIMINARY EXPLORATION REPORT
ON THE BLACK ROCK PROPERTY
LA PAZ COUNTY, ARIZONA

Richard Ralko

Dayton Mining Corp

November 7, 1989

Attch. A

Summary

The Black Rock property is situated in the extreme southern end of the Little Harquahala mountains of western Arizona and was discovered as a result of an ongoing regional exploration program. On October 6-8, 1989, a total of 72 lode claims were located which cover approximately 1440 acres (2.2 square miles).

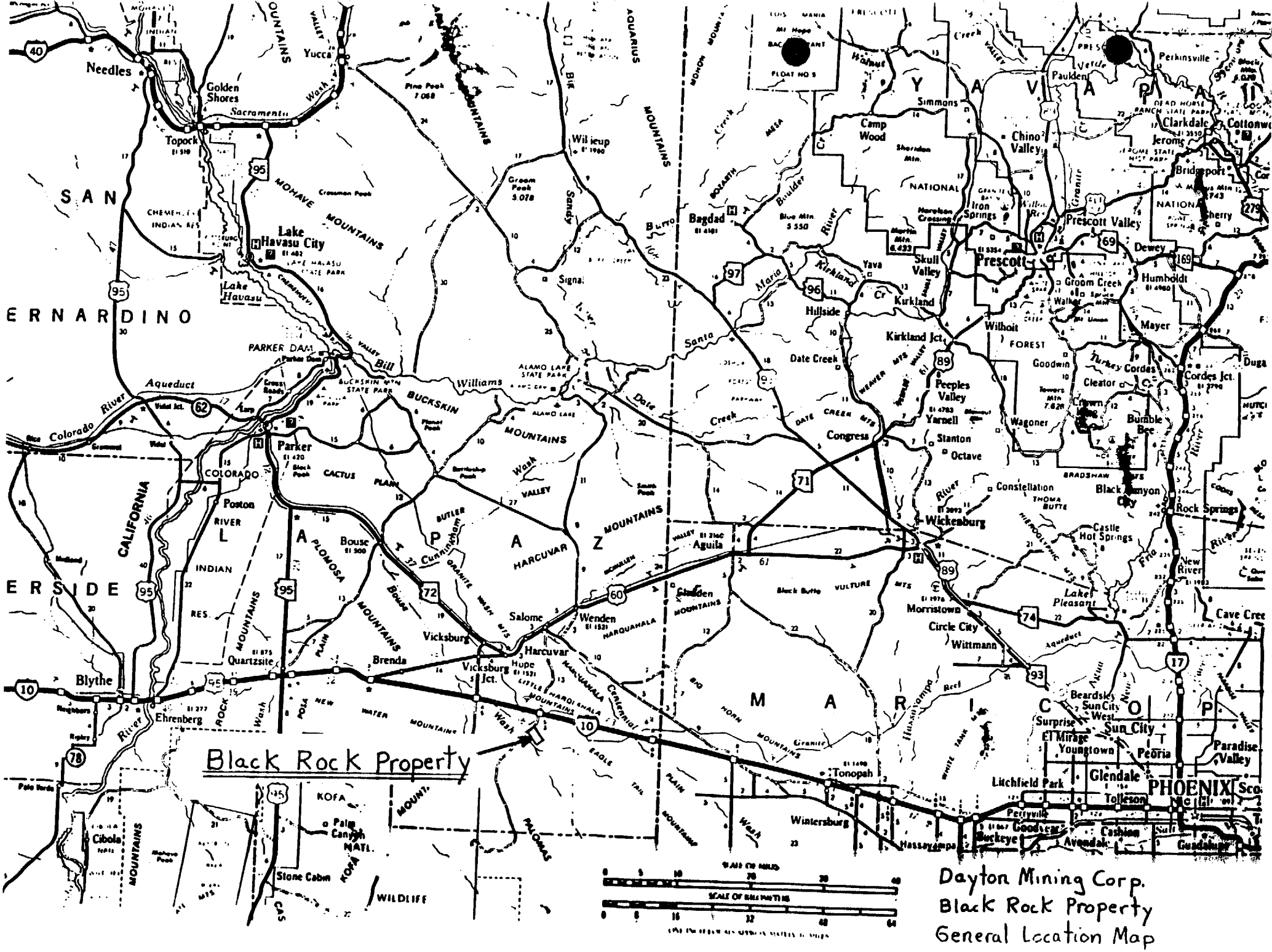
Several large claim blocks are located to the north of the property in one of the more substantial gold producing districts of this county. One property, six miles to the north has recently been drilled and is apparently leased to Noranda. This area is in an identical geologic setting to the Black Rock property. Other companies with claim holdings in this district include Westmont, Can-Ex and Colorado Gold and Silver.

The property is underlain by diorite and northwest trending quartzite, phyllite, and rhyolite all of Mesozoic age. Copper-gold mineralization occurs in high angle shears which are more commonly hosted by the quartzite and phyllite. The shear zones usually contain quartz, hematite and malachite. In several areas, these same rocks have been brecciated and have subsequently undergone hematitic alteration and local silicification. Of lesser economic importance are steeply dipping quartz veins which are primarily hosted by the diorite.

To date, 41 samples have been collected, ten of which show gold concentrations of 50 ppb to 1460 ppb. Sampling has also detected the presence of anomalous gold in a portion of a large brecciated quartzite zone which is located near the center of the property.

The presence of anomalous gold in a broad structurally prepared and altered zone suggests that the property could host favorable bulk-mineable gold mineralization.

How large is this zone -- - what is the gold concentration


Black Rock Property
Needles
Golden Shores
Topock
Yucca
Lake Havasu City
Lake Havasu
PARKER DAM
Parker
Poston
Blythe
Ehrenberg
Quartzsite
Brenda
Vicksburg
Vicksburg Jct.
Salome
Harcuvar
Hope
Wenden
Aguila
Bouse
Cibola
Stone Cabin
KOFA
Palm Canyon
Bagdad
Signal
Wikieup
Congress
Date Creek
Hillside
Kirkland
Kirkland Jct.
Skull Valley
Prescott
Prescott Valley
Chino Valley
Camp Wood
Simmons
Paulden
Perkinsville
Clarkdale
Cottonwood
Jerome
Bridgeport
Dewey
Humboldt
Mayer
Cordes Jct.
Cordes
Cleator
Goodwin
Wilhoit
Groom Creek
Iron Springs
Yava
Peeples Valley
Yarnell
Stanton
Octave
Wagoner
Constellation
Wickenburg
Morristown
Circle City
Wittmann
Tonopah
Wintersburg
Hassayampa
Buckeye
Goodyear
Avondale
Cashion
Litchfield Park
Tolleson
Glendale
PHOENIX
Peoria
Youngtown
El Mirage
Surprise
Sun City West
Sun City
Beardsley
Paradise Valley
Cave Creek
New River
Rock Springs
Black Canyon City
Bumble Bee
Castle Hot Springs
Lake Pleasant
Cibola NATL. WILDLIFE
Colorado River
Aqueduct
Bill Williams River
Gila River
Salt River
Verde River
Hassayampa River
Bouse Wash
Cunningham Wash
Granite Wash
Centennial Wash
Eagle Tail Mountains
Big Horn Mountains
Vulture Mts
Harquahala Mts
Harcuvar Mts
Plomosa Mts
Cactus Plain
Butler Valley
Alamo Lake State Park
Buckskin Mtn State Park
Lake Havasu State Park
Dead Horse Ranch State Park
Jerome State Park
Prescott National Forest
Tonto National Forest
Indian Res.
Chemehuevi Indian Res.
Colorado Indian Res.
Palo Verde
Ripley
Neighbors
Mohave Mountains
Dayton Mining Corp.
Black Rock Property
General Location Map

A grid sampling program accompanied with detailed geological mapping is recommended to further evaluate the property.

Location, Access and Land Status

The property is 90 miles west of Phoenix and 105 miles south of Lake Havasu City, Arizona and is located in Section 19, 20, 28, 29, 30, 32 and 33, T3N, R13W, G&SRM. The property is easily accessed from Interstate Highway 10 and is approximately two miles south of exit 53. The claims are located entirely on BLM ground. The ground north of Section 19 and 20 is closed to mineral entry, but all other land is open for staking. However, most of this land and portions of the Black Rock property is covered by valid placer claims.

History

There are several old workings on the property that were driven primarily on the quartz vein structures. Two areas appear to have had some production as evidenced by old mill foundations which are located on Claims #24 and #51. No record of this property was found in the published literature or in the records of the Arizona Department of Mines and Mineral Resources in Phoenix.

A recent claim group that covered this ground was valid from 1982 to 1984 and was held by four individuals from Phoenix. Much cat work was apparently conducted during this period and there is evidence of four core holes that were drilled to test the vein structures.

Regional Geology

The Paleozoic to Tertiary rock units of the Little Harquahala mountains have been subjected to complex Mesozoic and Tertiary deformation (Reynolds, et al., 1986). A gently dipping thrust fault separates

underlying Jurassic quartz porphyry and the Mesozoic McCoy Mountains formation with overlying Proterozoic to Jurassic crystalline rocks. A second thrust fault, located to the east, separates these units with an upper thrust plate composed of a complex sequence of Proterozoic granite, Paleozoic metasedimentary rocks and Mesozoic clastic and volcanic rocks.

District mineralization is varied and complex where gold, silver, copper, lead and zinc occur in deposits of large and small dimension (Keith, 1978). The deposits are generally oxidized and occur in brecciated, lenticular quartz and jasper veins along shear zones and faults. Some of these deposits are closely associated with northwest-trending microdiorite dikes (Spencer, et al., 1986).

Property Geology

A prominent northwest ridge trends through the center of the property and is composed of Jurassic to Cretaceous phyllite, quartzite, conglomerate, and porphyritic rhyolite. The metasedimentary rock units generally show a moderate westerly dip and they are primarily exposed in the northwest end of the property. The porphyritic rhyolite crops out to the south of the above units, but was not differentiated on the generalized geologic map. A prominent hill composed of Jurassic diorite is located in the northeast portion of the property.

Mineralization and Sampling

Two types of mineralization were noted in the preliminary examination of the property. The diorite is host to steeply dipping N 65° W and N 80° W trending quartz veins. These veins are up to 3.0 ft wide and are generally 1.0 ft wide. These veins contain up to 5% iron oxides and from trace to 2% copper. The metasediments host steeply dipping N 30° W and N 50° W trending mineralized shear zones and quartz veins. Some of the

where are these

shear zones found on Claim #25 (not shown) have very low easterly dips. These structures are generally 4.0 ft to 5.0 ft wide with a maximum thickness of 20 ft.

Of particular interest are zones of shattered and brecciated quartzite and phyllite with strong pervasive hematite alteration. These zones are locally silicified and contain 1-2% specularite, 1% epidote, and trace amounts of copper. The most prominent zone is in the north central portion of the property on Claim #19, #20, #34 and #35. There are several smaller zones along the east flank of the ridge in both the metasediments and the rhyolite, but the exposure is limited due to alluvial cover.

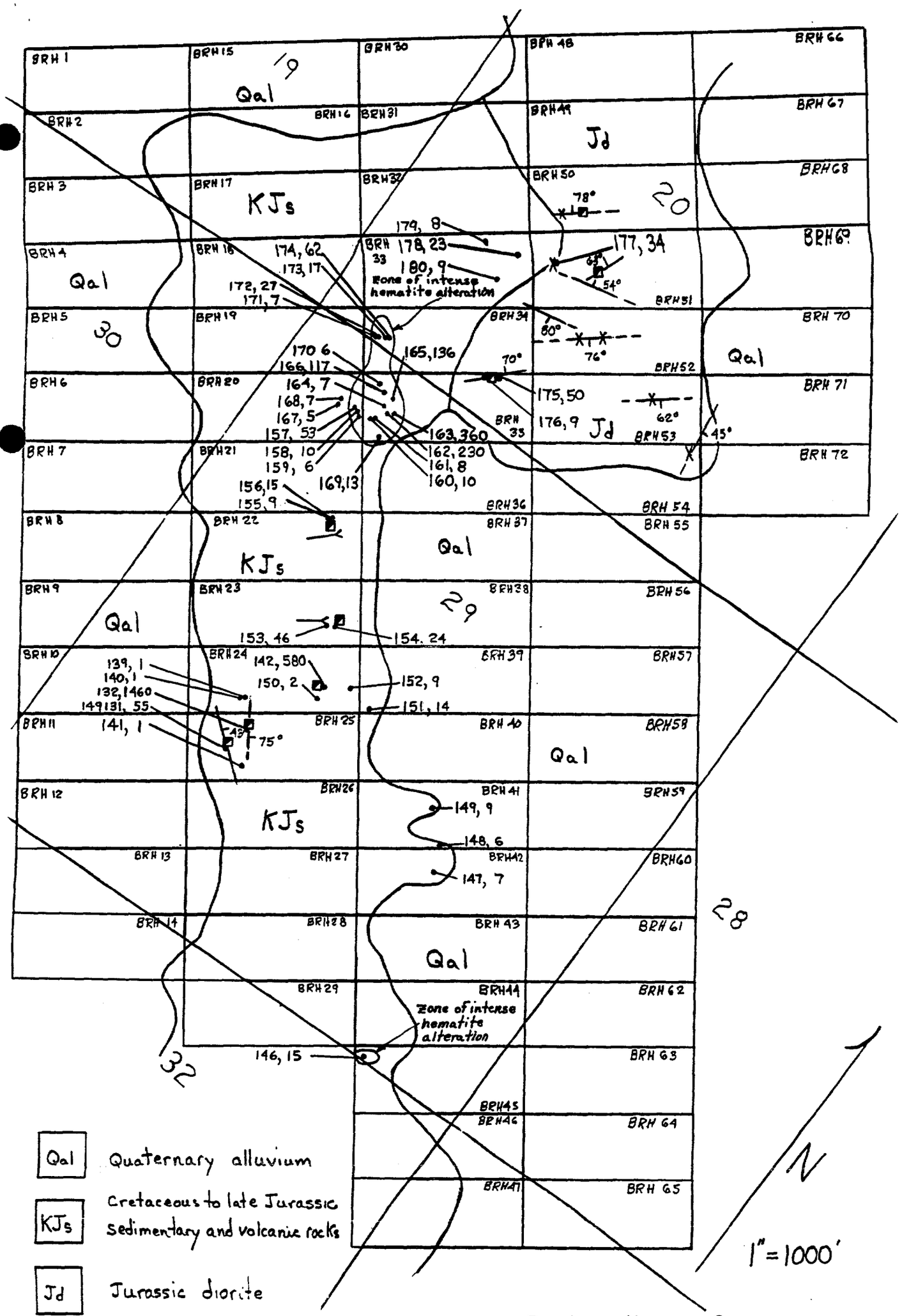
Initial sampling of the mineralized shear zones on Claims #24 and #25 returned up to 1460 ppb Au (0.042 opt over a 5.0 ft interval) and copper values of up to 2.4%. Results from an additional 35 samples indicate that anomalous gold values are generally confined to the quartz veins and shears and the eastern portion of the large hematitic breccia zone. Six of 16 samples taken from this zone ranged from 53 ppb to 360 ppb Au and two continuous samples over a 40 ft interval returned 230 ppb and 360 ppb Au. Several anomalous copper values were detected along with scattered anomalous silver, lead, and zinc values; however, these metals showed a poor correlation to the gold. Based on this sampling, there appears to be no clear pathfinder element for gold at present.

References

Keith, Stanton, B., 1978, Index of Mining Properties in Yuma County, Arizona, Arizona Bureau of Geology and Mineral Technology, Bull. 192, p. 44.

Reynolds, Stephen J., et al., 1986, Mesozoic Structures in West Central Arizona, in Frontiers in Geology and Ore Deposits of Arizona and the Southwest, AGS Digest, Vol. 16, p.37.

Spencer, Jon E., et al. 1986, Mid-Tertiary Ore Deposits in Arizona, Arizona Bureau of Geology and Mineral Technology, OF Report 86-12, p. 13.



Dayton Mining Corp.
Black Rock Property
Sec's 19, 20, 28-30, + 33, T3N, R13W, G+SRM
La Paz County, Arizona
Generalized Geology and Sample Location Map
R. Ralko 10/30/89

SAMPLE DATA SHEET
Black Rock Property

Sample No.	Location	Description	Type / Width	Au ppb	Ag ppm	Cu ppm		
149131	Hope, AZ 15' quad NW corner BRH #25	Sheared chloritic schist strong FeOx stain and bleaching 5% qtz. Tr Cu. up to 20ft. wide	10.0' chip	55	0.2	5979		
149132	NW corner BRH #25	Sheared chloritic schist same as 149131. 1-2% specularite. 200ft. east of 149131	5.0' chip	1460	3.3	10,299		
149139	SW corner BRH #24	weak hematitic stained quartzite. 3% qtz stgrs	10.0' chip	1	0.1	22		
149140	SW corner BRH #24	Quartzite pebble conglomerate continuation of 149139 weak silicification 1-2% qtz stgrs	15.0' chip	1	0.1	22		
1[illegible]41	SW corner BRH #25	Quartz latite, weak argillic alteration weak FeOx along fractures. Tr Cu	5.0' chip	1	0.1	572		
149142	SE corner BRH #24	Quatz carbonate vein 1-2% Cu. Tr Barite from upper dump of ≈200ft shaft	grab dump	580	0.1	24,845		
149146	NW corner BRH #45	porphyritic rhyolite propyllitic & argillic altered mod. hem. 0.5% specularite	10.0' chip	15	0.1	614		
149147	central BRH #42	bx'ed prophyritic rhyolite in ctc w/ black slate 1-2% qtz. weak hem.	15.0' chip	7	0.1	64		
149148	NW corner BRH #42	bx'ed argillic/propyllitic altered rhyolite at ctc w/ black slate 200' NW of 149147	15.0' chip	6	0.1	9		
149149	central BRH #41	fine grain gneiss. strong hematite <0.5% specularite	15.0' chip	9	0.1	10		
149150	east end BRH #24	lt. greenish-gray phyllite bleached. mod. hematite 5% qtz stgrs 0.5% Cu	6.0' chip	2	0.9	1145		
149151	SW corner BRH #39	porphyritic rhyolite-mod. bleached weak hem 2-3% qtz stgrs	15.0' chip	14	0.1	53		
149152	SE corner BRH #24	porphyritic rhyolite mod. bleached & hematite	15.0' chip	9	0.1	20		
149153	SE corner BRH #23	porphyritic rhyolite weak chloritic & argillic alteration 0.25% Cu at portal of adit	6.0' chip	46	0.8	4525		
149154	SE corner BRH #23	same material as above 5% qtz stgrs at portal of winze	5.0' chip	24	0.9	3499		

SAMPLE DATA SHEET
Black Rock Property

Sample No.	Location	Description	Type / Width	Au ppb	Ag ppm	Cu ppm		
149155	NE corner BRH #22	lt. green quartzite weak chlorite <1% limonite pseudomorphs	10.0' chip	9	0.1	535		
149156	NE corner BRH #22	same material as 149155 Tr Cu in cut north of shaft. cont. of 149155	10.0' chip	15	17.2	4353		
149157	eastern end BRH #20	Quartzite & phyllite strong hematite <0.5% Cu in cat trench	10.0' chip	53	0.5	1868		
149158	SE corner BRH #20	same material as 149157 30ft to SE. no Cu but weak propyllitic alteration.	12.0' chip	10	1.2	247		
149159	SE corner BRH #20	phyllitic quartzite strong hematite, bleached in road cut 50ft. east of 149158	25.0' chip	6	0.1	373		
149160	SW corner BRH #35	gray phyllitic quartzite w/ mod FeOx stain on fracts. 100ft east of 149159	20.0' chip	10	0.2	322		
149161	SW corner BRH #35	same material as 149160 50ft to east in cat trench	10.0' chip	8	0.3	237		
149162	west end BRH #35	quartzite - sheared, strong hematite. in cat trench 100ft. east of road.	20.0' chip	230	0.2	42		
149163	west end BRH #35	continuation of 149162 to the east.	20.0' chip	360	0.2	46		
149164	SW corner BRH #35	phyllitic quartzite strong hematite, mod propyllitic alted 1% black calc 50ft N of 149162	5.0' chip	7	0.1	95		
149165	NW corner BRH #35	hematitic quartzite shallow o/c 150ft N of 149163	10.0' chip	136	0.1	11		
149166	NW corner BRH #35	Same material as 149165 150ft N of 149164	15.0' chip	117	0.2	22		
149167	SE corner BRH #20	silicified quartzite mod. hematite 5% qtz stgrs w/ 1% Cu	10.0' chip	5	0.5	6732		
149168	SE corner BRH #20	same material as 149167 50ft. to the north.	15.0' chip	7	0.1	61		
149169	SW corner BRH #35	Quartzite strong hematite w/ trace black calc vnlts in road cut	10.0' chip	13	0.1	44		

SAMPLE DATA SHEET
Black Rock Property

Sample No.	Location	Description	Type / Width	Au ppb	Ag ppm	Cu ppm		
149170	NW corner BRH #35	Quartzite strong hematite in road cut 100ft NW of 149166	10.0' chip	6	0.1	75		
149171	west end BRH #34	Bx'ed Quartzite strong hematite cut by several N33°E 60°E shears on north end of zone	15.0' chip	7	0.2	208		
149172	west end BRH #34	eastward continuation of 149171. zone is ≈150ft. wide exposed in drainage.	15.0' chip	27	0.2	277		
149173	west end BRH #34	same zone as 149172 ≈110 ft to the east	15.0' chip	17	0.1	211		
149174	west end BRH #34	Same zone as 149172 40 ft. east of 149173	10.0' chip	62	0.1	26		
149175	NE corner BRH #35	Quartz vein material from N50°E, 70°N vn in 20ft. shaft 1% Cu + MnOx Tr siderite	grab dump	50	11.0	579		
149176	NE corner BRH #35	Diorite porphyry mod. hematite stain. F.W. of above vn. 40ft. west in road	5.0' chip	9	0.1	39		
149177	west end BRH #51	Quartz vn (N63°E, 67°N) in diorite in prospect. bx'ed + strong FeOx stain	4.0' chip	34	0.3	122		
149178	East end BRH #33	Sandstone bleached + hematitic in cat road	20.0' chip	23	0.1	20		
149179	NE corner BRH #33	Andesitic sandstone? bx'ed + shegred in cat road	4.0' chip	8	0.1	36		
149180	SE corner BRH #33	same material as in 149179. on south end of hill	15.0' chip	9	0.4	15		

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: OCT 27 1989 **DATE REPORT MAILED:** Nov 2/89 **SIGNED BY** ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Dayton Developments Corp. File # 89-4528 Page 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
149143	2	75	50	122	.3	10	5	192	1.95	2	5	ND	6	8	1	2	2	14	.38	.003	17	7	.12	42	.01	27	.53	.01	.20	1	4
149144	2	646	7	17	.1	6	1	103	1.81	2	5	ND	14	19	1	2	2	31	.35	.004	39	18	.12	66	.01	33	.44	.02	.15	1	26
149145	5	339	364	1497	2.3	18	7	310	2.56	4	5	ND	3	40	2	30	2	29	.44	.008	11	12	.09	1832	.01	2	.44	.01	.19	1	20
149146	2	614	5	51	.1	4	5	726	5.48	4	5	ND	17	75	1	2	2	14	.69	.026	22	2	.49	51	.04	25	1.35	.02	.12	22	15
149147	19	64	11	17	.1	10	6	95	1.29	71	5	ND	2	33	1	12	2	6	.85	.016	7	7	.10	56	.01	10	.30	.01	.08	1	7
149148	1	9	2	19	.1	3	5	432	3.38	2	5	ND	17	64	1	2	2	14	.67	.030	18	3	.56	63	.03	3	1.30	.01	.15	19	6
149149	2	10	4	29	.1	4	4	598	3.63	5	5	ND	2	66	1	2	2	16	2.46	.019	9	6	.71	156	.01	5	1.25	.01	.07	4	9
149150	14	1145	292	638	.9	5	10	1358	4.33	16	5	ND	5	46	4	2	2	9	1.30	.024	12	6	.54	313	.02	5	1.30	.01	.09	1	2
149151	1	53	11	79	.1	3	4	480	2.91	5	5	ND	16	48	1	2	2	17	4.92	.031	23	2	.43	227	.02	23	.88	.01	.13	4	14
149152	1	20	6	84	.1	2	6	770	4.37	8	5	ND	17	54	1	2	2	27	2.92	.029	32	1	.61	385	.03	25	1.19	.02	.13	11	9
149153	2	4525	48	249	.8	3	4	516	2.51	6	9	ND	21	22	1	2	2	11	.53	.034	25	1	.63	27	.01	16	1.09	.02	.13	1	46
149154	2	3499	8	75	.9	5	4	363	1.26	2	5	ND	21	26	1	2	3	4	1.84	.042	29	1	.54	32	.01	7	.87	.01	.13	1	24
149155	27	535	7	85	.1	7	5	373	2.60	2	5	ND	6	36	1	2	2	10	1.95	.017	21	5	1.07	123	.01	6	1.57	.01	.11	1	9
149156	6	4353	7	104	17.2	9	5	1108	2.49	2	5	ND	7	127	1	2	3	10	9.37	.018	17	5	1.10	127	.01	16	1.70	.01	.10	1	15
149157	2	1868	58	285	.5	6	3	519	1.80	9	5	ND	3	39	1	2	2	13	2.76	.008	8	8	.40	192	.03	5	.90	.01	.13	1	53
149158	4	247	104	359	1.2	5	5	598	2.45	4	5	ND	3	51	1	2	2	17	1.67	.011	10	8	.32	285	.02	2	.91	.01	.13	1	10
149159	1	373	73	327	.1	4	8	1097	5.21	6	5	ND	4	47	2	2	2	27	2.86	.015	15	6	1.10	128	.04	5	1.94	.01	.12	3	6
149160	1	322	50	287	.2	7	7	1087	3.97	20	5	ND	6	79	2	2	2	39	4.44	.021	17	7	.73	211	.03	8	1.49	.01	.16	4	10
149161	1	237	77	345	.3	4	9	1074	5.44	20	5	ND	5	170	3	2	2	44	8.96	.021	17	8	.82	1614	.04	14	2.03	.01	.16	5	8
149162	4	42	36	133	.2	6	13	3628	9.27	36	5	ND	4	60	2	2	3	65	6.18	.015	22	9	1.42	329	.04	25	2.65	.01	.11	40	230
149163	1	46	85	118	.2	7	10	1627	5.69	14	5	ND	4	71	1	2	2	47	3.02	.015	16	7	1.34	193	.08	12	2.17	.01	.10	6	360
149164	1	95	35	196	.1	7	9	2139	6.98	18	5	ND	6	148	1	2	2	46	2.52	.017	27	9	1.71	436	.05	34	2.85	.02	.09	7	7
149165	1	11	32	110	.1	4	6	808	4.24	3	5	ND	4	33	1	2	2	28	.50	.013	11	7	.95	747	.05	30	1.44	.01	.12	2	136
149166	1	22	16	220	.2	5	9	1759	8.79	14	5	ND	3	68	2	2	2	24	1.03	.012	14	7	1.20	168	.04	23	2.60	.01	.11	22	117
149167	20	6732	6	42	.5	3	2	303	1.24	4	5	ND	1	15	1	2	3	4	.62	.009	5	3	.13	38	.01	12	.32	.01	.06	1	5
149168	5	61	6	74	.1	4	3	602	2.84	2	5	ND	1	42	1	2	2	9	.63	.008	6	4	.29	61	.01	5	.72	.01	.08	4	7
149169	1	44	11	67	.1	7	4	490	2.15	2	5	ND	1	36	1	2	2	16	1.79	.010	6	9	.62	88	.02	7	.93	.01	.07	2	13
149170	1	75	19	160	.1	6	5	1017	4.62	7	5	ND	5	66	1	2	2	41	1.24	.024	17	9	.65	133	.03	29	1.38	.01	.15	6	6
149171	1	208	71	246	.2	4	6	1238	5.22	11	5	ND	4	105	1	3	2	31	2.11	.014	9	11	.59	249	.03	26	1.86	.01	.13	22	7
149172	1	277	91	295	.2	4	8	1267	5.22	9	5	ND	3	142	2	2	2	27	4.66	.011	11	7	.64	1069	.03	14	1.97	.01	.21	33	27
149173	1	211	12	187	.1	3	13	1561	8.28	22	5	ND	4	66	2	2	2	45	1.79	.012	11	13	1.37	247	.04	15	3.07	.01	.12	7	17
149174	1	26	18	153	.1	4	11	3490	7.45	12	5	ND	4	159	1	2	2	77	4.48	.018	16	11	1.35	524	.03	25	2.38	.01	.12	17	62
149175	44	579	6116	592	11.0	4	5	1412	2.76	21	5	ND	4	129	30	5	2	9	5.71	.004	3	50	.07	29	.01	31	.18	.01	.04	2	50
149176	3	39	47	134	.1	8	12	955	2.64	2	5	ND	18	47	2	2	2	21	3.70	.066	35	6	.69	64	.01	5	1.06	.01	.18	1	9
149177	33	122	1087	124	.3	6	16	261	2.93	13	5	ND	16	59	1	2	2	8	.69	.013	14	6	.03	45	.01	13	.27	.01	.13	1	34
149178	2	20	20	47	.1	4	9	384	6.11	39	5	ND	2	123	1	2	2	45	.82	.117	3	7	.17	44	.01	22	.85	.09	.08	1	23
STD C/AU-R	18	61	37	132	7.1	66	30	1014	3.97	39	18	7	36	47	18	15	18	56	.48	.091	37	54	.86	175	.06	32	1.95	.06	.14	12	515

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	[illegible]	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	[illegible]	K %	W PPM	Au* PPB
149179	2	36	23	22	.1	2	8	252	6.38	43	5	ND	1	81	1	2	2	51	1.28	.092	4	1	.19	37	.02	50	.81	.07	.06	1	8
149180	4	15	15	27	.4	2	6	147	6.64	34	5	ND	2	113	1	2	2	56	1.29	.121	4	2	.11	64	.01	23	.93	.06	.14	2	9

DAYTON MINING CORP
BLACK ROCK PROJECT
CLAIMS LIST

	Claim Name	Section(s)	Township	Range	Meridian	Book	Page	BLM AMC No.	Date Located
1	BRH #1	SW & SE 1/4 19	3N	13W	G & SR	89	5045	299543	08-Oct-89
2	BRH #2	SW & SE 1/4 19	3N	13W	G & SR	89	5046	299544	08-Oct-89
		NE & NW 1/4 30	3N	13W	G & SR				
3	BRH #3	SE 1/4 19	3N	13W	G & SR	89	5047	299545	08-Oct-89
		NE & NW 1/4 30	3N	13W	G & SR				
4	BRH #4	NE 1/4 30	3N	13W	G & SR	89	5048	299546	08-Oct-89
5	BRH #5	NE 1/4 30	3N	13W	G & SR	89	5049	299547	08-Oct-89
6	BRH #6	NE 1/4 30	3N	13W	G & SR	89	5050	299548	08-Oct-89
7	BRH #7	NW & SW 1/4 29	3N	13W	G & SR	89	5051	299549	08-Oct-89
		NW & SW 1/4 30	3N	13W	G & SR				
8	BRH #8	NW & SW 1/4 29	3N	13W	G & SR	89	5052	299550	08-Oct-89
		NW & SW 1/4 30	3N	13W	G & SR				
9	BRH #9	NW & SW 1/4 29	3N	13W	G & SR	89	5053	299551	08-Oct-89
		SE 1/4 30	3N	13W	G & SR				
10	BRH #10	SW 1/4 29	3N	13W	G & SR	89	5054	299552	08-Oct-89
		SE 1/4 30	3N	13W	G & SR				
11	BRH #11	SW 1/4 29	3N	13W	G & SR	89	5055	299553	08-Oct-89
12	BRH #12	SW 1/4 29	3N	13W	G & SR	89	5056	299554	08-Oct-89
		NW 1/4 32	3N	13W	G & SR				
13	BRH #13	SW 1/4 29	3N	13W	G & SR	89	5057	299555	08-Oct-89
		NW 1/4 32	3N	13W	G & SR				
14	BRH #14	SW 1/4 29	3N	13W	G & SR	89	5058	299556	08-Oct-89
		NW 1/4 32	3N	13W	G & SR				
15	BRH #15	SE 1/4 19	3N	13W	G & SR	89	5059	299557	06-Oct-89
16	BRH #16	SE 1/4 19	3N	13W	G & SR	89	5060	299558	06-Oct-89
17	BRH #17	SE 1/4 19	3N	13W	G & SR	89	5061	299559	06-Oct-89
18	BRH #18	SE 1/4 19	3N	13W	G & SR	89	5062	299560	06-Oct-89
		SW 1/4 20	3N	13W	G & SR				
		NE 1/4 30	3N	13W	G & SR				
19	BRH #19	SW 1/4 20	3N	13W	G & SR	89	5063	299561	06-Oct-89
		NW 1/4 29	3N	13W	G & SR				
		NE 1/4 30	3N	13W	G & SR				
20	BRH #20	NW 1/4 29	3N	13W	G & SR	89	5064	299562	06-Oct-89
		NE 1/4 30	3N	13W	G & SR				
21	BRH #21	NW 1/4 29	3N	13W	G & SR	89	5065	299563	06-Oct-89
		NE 1/4 30	3N	13W	G & SR				
22	BRH #22	NW 1/4 29	3N	13W	G & SR	89	5066	299564	06-Oct-89
23	BRH #23	NW & SW 1/4 29	3N	13W	G & SR	89	5067	299565	06-Oct-89
24	BRH #24	NW & SW 1/4 29	3N	13W	G & SR	89	5068	299566	06-Oct-89
25	BRH #25	SW & SE 1/4 29	3N	13W	G & SR	89	5069	299567	06-Oct-89
26	BRH #26	SW & SE 1/4 29	3N	13W	G & SR	89	5070	299568	06-Oct-89
27	BRH #27	SW & SE 1/4 29	3N	13W	G & SR	89	5071	299569	06-Oct-89
28	BRH #28	SW & SE 1/4 29	3N	13W	G & SR	89	5072	299570	06-Oct-89
		NW & SW 1/4 32	3N	13W	G & SR				
29	BRH #29	SE 1/4 29	3N	13W	G & SR	89	5073	299571	06-Oct-89
		NE & SE 1/4 32	3N	13W	G & SR				
30	BRH #30	SE 1/4 29	3N	13W	G & SR	89	5074	299572	06-Oct-89

DAYTON MINING CORP
BLACK ROCK PROJECT
CLAIMS LIST

	Claim Name	Section(s)	Township	Range	Meridian	Book	Page	BLM AMC No.	Date Located
		NW & SW 1/4 32	3N	13W	G & SR				
31	BRH #31	SE 1/4 19	3N	13W	G & SR	89	5075	299573	06-Oct-89
		SE 1/4 20	3N	13W	G & SR				
32	BRH #32	SE 1/4 19	3N	13W	G & SR	89	5076	299574	06-Oct-89
		SW 1/4 20	3N	13W	G & SR				
33	BRH #33	SW 1/4 20	3N	13W	G & SR	89	5077	299575	06-Oct-89
34	BRH #34	SW 1/4 20	3N	13W	G & SR	89	5078	299576	06-Oct-89
		NW 1/4 29	3N	13W	G & SR				
35	BRH #35	SW 1/4 20	3N	13W	G & SR	89	5079	299577	06-Oct-89
		NW 1/4 29	3N	13W	G & SR				
36	BRH #36	SW 1/4 20	3N	13W	G & SR	89	5080	299578	06-Oct-89
		NW & NE 1/4 29	3N	13W	G & SR				
37	BRH #37	NW & NE 1/4 29	3N	13W	G & SR	89	5081	299579	06-Oct-89
38	BRH #38	NW & NE 1/4 29	3N	13W	G & SR	89	5082	299580	06-Oct-89
39	BRH #39	NW & NE 1/4 29	3N	13W	G & SR	89	5083	299581	06-Oct-89
40	BRH #40	NE, SW & SE 1/4 29	3N	13W	G & SR	89	5084	299582	06-Oct-89
41	BRH #41	NE & SE 1/4 29	3N	13W	G & SR	89	5085	299583	06-Oct-89
42	BRH #42	SE 1/4 29	3N	13W	G & SR	89	5086	299584	06-Oct-89
43	BRH #43	SE 1/4 29	3N	13W	G & SR	89	5087	299585	06-Oct-89
44	BRH #44	SW 1/4 28	3N	13W	G & SR	89	5088	299586	06-Oct-89
		SE 1/4 29	3N	13W	G & SR				
45	BRH #45	SW 1/4 28	3N	13W	G & SR	89	5089	299587	07-Oct-89
		SE 1/4 29	3N	13W	G & SR				
		NE 1/4 32	3N	13W	G & SR				
46	BRH #46	SW 1/4 28	3N	13W	G & SR	89	5090	299588	07-Oct 89
		SE 1/4 29	3N	13W	G & SR				
		NE 1/4 32	3N	13W	G & SR				
		NW 1/4 33	3N	13W	G & SR				
47	BRH #47	NE 1/4 32	3N	13W	G & SR	89	5091	299589	07-Oct-89
		NW 1/4 33	3N	13W	G & SR				
48	BRH #48	NW 1/4 20	3N	13W	G & SR	89	5092	299590	07-Oct-89
49	BRH #49	NW & SW 1/4 20	3N	13W	G & SR	89	5093	299591	07-Oct-89
50	BRH #50	NW & SW 1/4 20	3N	13W	G & SR	89	5094	299592	07-Oct-89
51	BRH #51	SW & SE 1/4 20	3N	13W	G & SR	89	5095	299593	07-Oct-89
52	BRH #52	SW & SE 1/4 20	3N	13W	G & SR	89	5096	299594	07-Oct-89
53	BRH #53	SW & SE 1/4 20	3N	13W	G & SR	89	5097	299595	07-Oct-89
54	BRH #54	SW & SE 1/4 20	3N	13W	G & SR	89	5098	299596	07-Oct-89
		NW & NE 1/4 29	3N	13W	G & SR				
55	BRH #55	SE 1/4 20	3N	13W	G & SR	89	5099	299597	07-Oct-89
		NE 1/4 29	3N	13W	G & SR				
56	BRH #56	NE 1/4 29	3N	13W	G & SR	89	5100	299598	07-Oct-89
57	BRH #57	NE 1/4 29	3N	13W	G & SR	89	5101	299599	07-Oct-89
58	BRH #58	NE 1/4 29	3N	13W	G & SR	89	5102	299600	07-Oct-89
59	BRH #59	MW 1/4 28	3N	13W	G & SR	89	5103	299601	07-Oct-89
		NE & SE 1/4 29	3N	13W	G & SR				
60	BRH #60	NW & SW 1/4 28	3N	13W	G & SR	89	5104	299602	07-Oct-89
		NE & SE 1/4 29	3N	13W	G & SR				

DAYTON MINING CORP
BLACK ROCK PROJECT
CLAIMS LIST

	Claim Name	Section(s)	Township	Range	Meridian	Book	Page	BLM AMC No.	Date Located
61	BRH #61	NW & SW 1/4 28	3N	13W	G & SR	89	5105	299603	07-Oct-89
		SE 1/4 29	3N	13W	G & SR				
62	BRH #62	SW 1/4 28	3N	13W	G & SR	89	5106	299604	07-Oct-89
		SE 1/4 29	3N	13W	G & SR				
63	BRH #63	SW 1/4 28	3N	13W	G & SR	89	5107	299605	07-Oct-89
64	BRH #64	SW 1/4 28	3N	13W	G & SR	89	5108	299606	07-Oct-89
65	BRH #65	SW 1/4 28	3N	13W	G & SR	89	5109	299607	07-Oct-89
		SW 1/4 33	3N	13W	G & SR				
66	BRH #66	NW & NE 1/4 20	3N	13W	G & SR	89	5110	299608	07-Oct-89
67	BRH #67	NW & NE 1/4 20	3N	13W	G & SR	89	5111	299609	07-Oct-89
68	BRH #68	NW, NE & SW 1/4 20	3N	13W	G & SR	89	5112	299610	07-Oct-89
69	BRH #69	NE & SE 1/4 20	3N	13W	G & SR	89	5113	299611	07-Oct-89
70	BRH #70	NE & SE 1/4 20	3N	13W	G & SR	89	5114	299612	07-Oct-89
71	BRH #71	SE 1/4 20	3N	13W	G & SR	89	5115	299613	07-Oct 89
72	BRH #72	SE 1/4 20	3N	13W	G & SR	89	5116	299614	07-Oct-89