



CONTACT INFORMATION
Mining Records Curator
Arizona Geological Survey
416 W. Congress St., Suite 100
Tucson, Arizona 85701
520-770-3500
<http://www.azgs.az.gov>
inquiries@azgs.az.gov

The following file is part of the
James Doyle Sell Mining Collection

ACCESS STATEMENT

These digitized collections are accessible for purposes of education and research. We have indicated what we know about copyright and rights of privacy, publicity, or trademark. Due to the nature of archival collections, we are not always able to identify this information. We are eager to hear from any rights owners, so that we may obtain accurate information. Upon request, we will remove material from public view while we address a rights issue.

CONSTRAINTS STATEMENT

The Arizona Geological Survey does not claim to control all rights for all materials in its collection. These rights include, but are not limited to: copyright, privacy rights, and cultural protection rights. The User hereby assumes all responsibility for obtaining any rights to use the material in excess of "fair use."

The Survey makes no intellectual property claims to the products created by individual authors in the manuscript collections, except when the author deeded those rights to the Survey or when those authors were employed by the State of Arizona and created intellectual products as a function of their official duties. The Survey does maintain property rights to the physical and digital representations of the works.

QUALITY STATEMENT

The Arizona Geological Survey is not responsible for the accuracy of the records, information, or opinions that may be contained in the files. The Survey collects, catalogs, and archives data on mineral properties regardless of its views of the veracity or accuracy of those data.

990
JDS

To _____

Date 5/10 Time 10:20 AM PM

WHILE YOU WERE OUT

M. Rich Rakko

of Lake Harasz city

Phone (1-855-8507)

Area Code	Number	Extension
TELEPHONED	<input checked="" type="checkbox"/>	PLEASE CALL
CALLED TO SEE YOU	<input type="checkbox"/>	WILL CALL AGAIN
WANTS TO SEE YOU	<input type="checkbox"/>	URGENT

RETURNED YOUR CALL

Message Re property
in Arizona

W.
Operator

Black Rock Property



REORDER #23-000



DAYTON MINING CORP.

TELEFAX

ASARCO Incorporated

TO: James Sell - Asarco INC. (1) 792-3934

FEB 15 1990

FROM: Rich Ralko

SW Exploration

DATE: Feb. 5, 1990

COMMENTS: James

I spoke with you earlier about two gold properties that we have in Arizona. The Arivaca property requires a signed confidentiality agreement before we can send you a report on the property. We will send you a report with sample results for the Black Rock property which is located in 19, 20, + 28-30 T3N, R13W, G4SRM La Paz county Arizona. Please contact me at 855-8507 with regards to the agreement. Thank you.

Rich Ralko

Number of pages including this page 8
If you do not receive all pages please call:

(602) 855-8507 or
(602) 855-7661

CONFIDENTIALITY AGREEMENT

This Confidentiality Agreement ("Agreement") is made effective this 5th day of February, 1990, by and between Dayton Mining Corporation, a Nevada corporation ("Dayton") and Asarco, INC. ("Submittee").

RECITALS

A. Dayton owns or controls certain rights in the real property and/or unpatented mining claims described in Exhibit "A" attached hereto and by this reference incorporated herein ("the Property").

B. Dayton and Submittee wish to enter into discussions concerning a possible transaction regarding the Property.

C. Submittee has requested information to evaluate the possible transaction and Dayton is willing to supply to Submittee certain information which is confidential and proprietary to Dayton.

NOW, THEREFORE, in consideration of the foregoing and Dayton's delivery of information to Submittee, and other good and valuable consideration, the receipt of which is hereby acknowledged, Submittee agrees as follows:

1. Confidential Information.

During the term of this Agreement and for one (1) year thereafter, Submittee agrees to hold in confidence and not to use or disclose to any person, without the prior written consent of Dayton, any and all information relating directly or indirectly to the Property, and any and all other confidential information whether or not relating to the Property, and whether or not specifically identified by Dayton as confidential, disclosed to Submittee directly or indirectly by Dayton. All of the above shall hereinafter be collectively referred to as "Confidential Information". The phrase "Confidential Information" shall not include the following:

1.1 Information that at the time of disclosure is in the public domain; or

1.2 Information that after disclosure is published or otherwise becomes part of the public domain through no fault of Submittee (but only after, and only to the extent that, it is published or otherwise becomes part of the public domain); or

1.3 Information that Submittee can show already was in the possession of Submittee at the time of disclosure and that

without breach of any obligation Submittee is free to disclose to others; or

1.4 Information that Submittee can show was received by it after the time of disclosure from a third party who did not acquire it directly or indirectly from Dayton or any of its parent, affiliate or subsidiary companies under an obligation of confidence and that without breach of any obligation Submittee is free to disclose to others.

1.5 Information which corresponds in substance to information independently developed by employees of Submittee who have not had access to the Confidential Information.

2. Representations.

Dayton makes no representations or warranties to Submittee concerning any information regarding the Property, and Submittee agrees that if it elects to rely on any of the data or other information provided by Dayton, it does so at its sole risk.

3. Return of Information.

Submittee agrees that all Confidential Information that is in or on any medium including, without limitation, written, printed, photographic, or magnetic tape, and other property, delivered by Dayton or made available to Submittee or otherwise obtained for purpose related to this Agreement, is and remains the sole property of Dayton. Confidential Information shall be used for the sole purpose of evaluating the Property and the possible transaction. Promptly upon the earlier of conclusion of its evaluation or expiration of this Agreement, if Submittee elects not to enter a transaction regarding the Property, Submittee shall return to Dayton all Confidential Information and any copies thereof. If Submittee elects not to acquire an interest in the Property, it agrees that it shall make no further use of any Confidential Information.

4. Property Discussions.

The discussions relating to the Property and the possible transaction are confidential. Submittee shall not, without the prior written consent of Dayton, make any public announcement, issue any press release, or make any statement to any third party with respect to any possible transaction concerning Dayton's rights or the Property which results in disclosure of any Confidential Information by Submittee except as required by applicable statute or governmental order or regulation.

5. Area of Interest.

During the term of this Agreement and for one (1) year thereafter, Subcommittee agrees not to acquire, lease or otherwise obtain or control any interest in public or private land or mineral rights or conduct any exploration or production activities within the Area of Interest other than pursuant to the provisions of this Agreement. The Area of Interest is described in Exhibit "B" attached hereto and by this reference incorporated herein. If Subcommittee visits the Property, it shall observe the confidentiality and use restrictions of this Agreement with respect to any technical or other Confidential Information which comes to Subcommittee's attention during any such visit.

Notwithstanding the above prohibition, if Subcommittee acquires, leases or otherwise obtains or controls any interest in public or private land or mineral rights within the Area of Interest either during the term of this Agreement, or within one (1) year thereafter, other than pursuant to the provisions of this Agreement or pursuant to an agreement between the parties, Subcommittee shall notify Dayton of such acquisition within thirty (30) days after acquisition and shall convey such interest to Dayton as soon as practicable thereafter. The provision of Confidential Information to Subcommittee by Dayton under this Agreement shall constitute sufficient consideration for such conveyance.

6. Third Party Transactions.

Neither Dayton nor Subcommittee has or will incur any liability for any broker's, finder's, or other agent's fee or commission with respect to a possible transaction concerning Dayton's rights or the Property. If any claim for any such fee or commission should arise from any act of any party, such party shall indemnify the other party and hold it harmless from and against such claim.

7. Remedies.

Subcommittee acknowledges that disclosure of Confidential Information, acquisition, lease or other control of interests in land or mineral rights within the Area of Interest contrary to this Agreement, or transactions with third parties for interests in the Property contrary to this Agreement, may cause significant, immediate and irreparable harm and damage to Dayton. Consequently, Dayton shall have the right to seek injunctive or monetary relief from Subcommittee in the event of any breach of this Agreement by Subcommittee in addition to any other remedy described in this Agreement or available at law or in equity. Dayton shall be

entitled to reasonable attorneys' fees and court costs in any action to enforce the provisions of this Agreement.

8. Employee Confidentiality.

Submittee agrees that Submittee's employees, contractors and agents who will have access to Confidential Information shall have read and understood this Agreement, and that each individual shall personally agree to comply with the terms hereof. Submittee agrees to disclose Confidential Information only to employees, contractors and agents who need to have access to such Confidential Information for purposes of evaluating the Property.

9. Term.

This Agreement shall terminate three (3) months from the date hereof. Submittee's obligations under this Agreement shall continue during the three (3) month term and for one (1) year thereafter.

10. Construction of Agreement.

This Agreement shall constitute the sole understanding of the parties with respect to the subject matter hereof, and no modification or alteration of the terms hereof shall be binding unless such modification or alteration is a written and executed amendment to this Agreement. This Agreement shall be governed and construed in accordance with the law of the state in which the Property is situated. The title headings of the various sections of this Agreement are inserted for convenience only and shall not be deemed to be a part of this Agreement.

11. Notices.

Any notices required or authorized to be given by this Agreement shall be in written form. Any notices required or authorized to be given by this Agreement shall be deemed to have been sufficiently given or served in written form if sent by registered or certified delivery, postage prepaid and return receipt requested, addressed to the property party at the address described herein or such address as the party shall have designated to the other parties in accordance with this section. Notices so given shall be deemed to have been received by the addressee five (5) days from the date of mailing. Any notice required or authorized to be given by this Agreement shall be deemed to have been sufficiently given or served in written form if personally delivered to the proper party or if sent by telex, telegraph or other wire service and actually received by such party, and such notice shall be effective upon the date of receipt by such party. The addresses of the parties are:

Dayton Developments Corporation: 1660-999 West Hastings Street
Vancouver, B.C.
Canada V6C 2W2

And copy to: Dayton Mining Corporation
P.O. Box 1227
Lake Havasu City, Arizona
86403

Submittee: Asarco, INC.
P.O. Box 5747
Tucson, Arizona 85703

12. Binding Effect of Obligations.

This Agreement shall be binding upon and inure to the benefit of the respective parties hereto, and their heirs, personal representatives, successors and assigns, and, if Submittee is a corporation, any parent, subsidiary or affiliated company of Submittee.

13. Severability.

If any part, term or provision of this Agreement is held by the Courts to be illegal or in conflict with any law of the United States or any state the validity of the remaining portions or provisions shall not be affected, and the rights and obligations of the parties shall be construed and enforced as if the Agreement did not contain the particular part, term or provision held to be invalid.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed as of the date subscribed below.

DAYTON MINING CORPORATION

By Wayne D. McClay
Wayne D. McClay, President

SUBMITTEE

By _____

Exhibit "A" to Confidentiality Agreement

Arivaca Property, Las Guijas Mountains
Pima County, Arizona

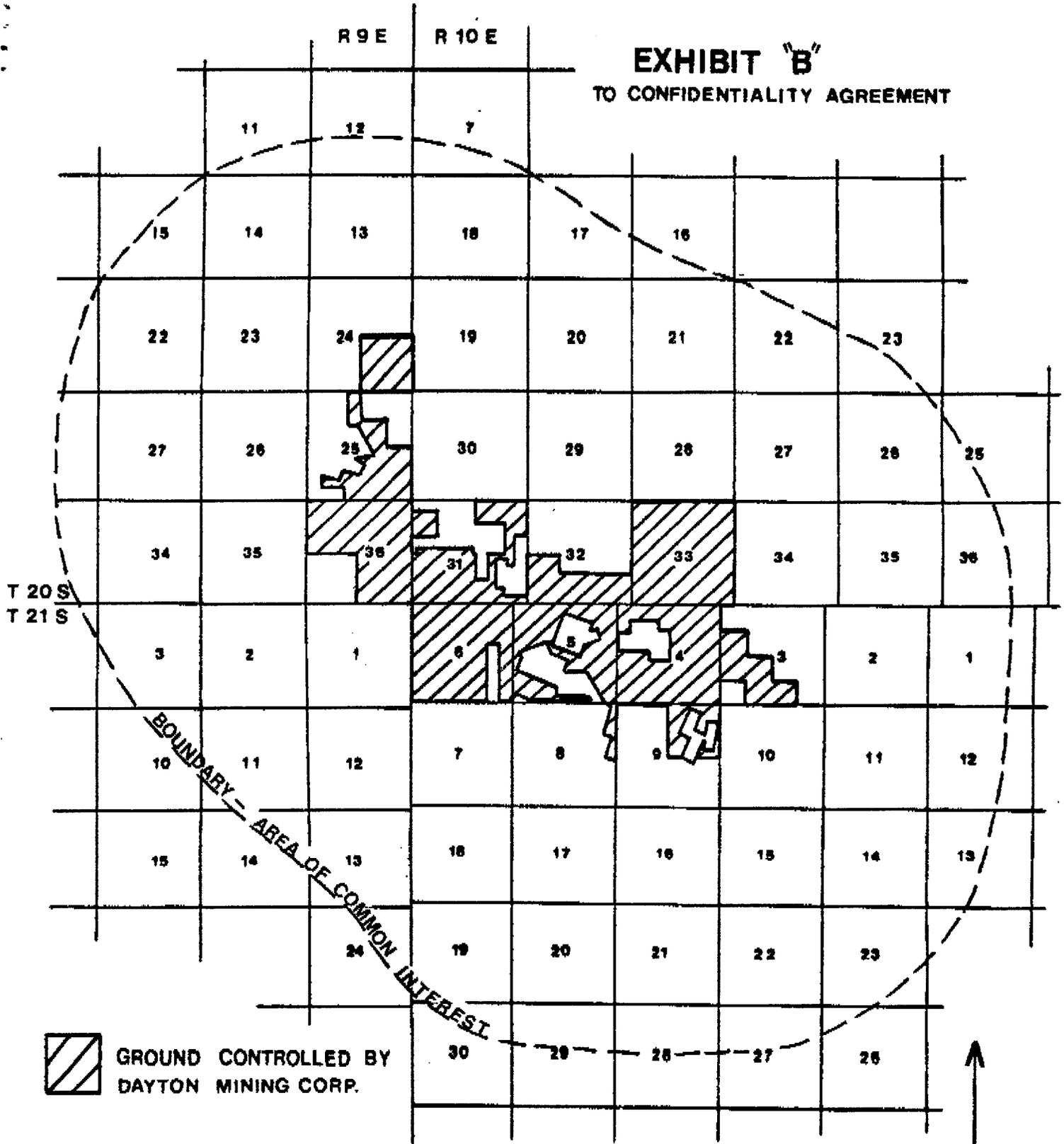
T20S R9E
Sections 11-15, 21-28, 33-36

T20S R10E
Sections 7, 16-23, 25-36

T21S R9E
Sections 1-4, 10-14, 24

T21S R10E
Sections 1-24, 26-30

EXHIBIT "B"
TO CONFIDENTIALITY AGREEMENT



 **GROUND CONTROLLED BY DAYTON MINING CORP.**

0 1 2 3 **MILES**

DAYTON MINING CORP.
AREA OF CONFIDENTIALITY FOR
THE ARIVACA PROPERTY
PIMA COUNTY, ARIZONA



Dayton Mining Corporation
Mr. Wayne D. McClay, President

~~Rich~~ Rich Rakko
Lake Havasu, AZ
ph. 402 / 855-8507

Black Rock Property
T. 3N. R. 13W
La Paz Co., AZ



DAYTON MINING CORP.

ASARCO Incorporated

FEB 26 1990

SW Exploration

February 21, 1990

Mr. James Sell
Asarco, Inc.
P. O. Box 5747
Tucson, AZ

Re: Black Rock Project

Dear James:

As we have discussed in our earlier phone conversations, I am enclosing a copy of the Black Rock project report for your review. Unfortunately, we are bound to the large area of common interest by a lease agreement for some claims on the Arivaca property. We are considering re-negotiating the lease agreement to eliminate the area of interest. We will inform you if this situation changes.

We are basically seeking a joint venture partner for this property. The specific terms and structure of any agreement will be provided by Mr. Wayne McClay, President of Dayton Mining Corp. (604) 662-8383.

Upon conclusion of your evaluation, it is requested that you provide us with a copy of any sample information and assay results that relates to the properties. If you decide not to pursue any further investigation of the properties, it is also requested that you return the provided reports to Dayton Mining Corp.

I will be available to show you or your geologist this property at your convenience. Please contact me at (602) 855-8507.

Thank you for your interest in the project and I look forward to your response.

Sincerely,


RICHARD RALKO

Enclosure

ASARCO

Exploration Department
Southwestern United States Division
James D. Sell
Manager

February 16, 1990

Mr. Rich Ralko
Dayton Mining Corporation
P.O. Box 1227
Lake Havasu City, AZ 86403

Properties
La Paz & Pima Counties, AZ

Dear Mr. Ralko:

I have reviewed our files on the two subject areas you have requested confidentiality agreements on for further information.

At this time, Asarco SWED rejects the large area of common interest around your Arivaca Property, general T20S-T21S, R9E-R10E, Pima County, Arizona, and returns your Confidentiality Agreement.

Your Black Rock property in T3N, R13W, La Paz County, Arizona, may be of interest and any information for review would be reviewed prior to a field check.

Thank you for submitting your properties to Asarco.

Sincerely,


James D. Sell

JDS:mek
Att.

cc: W.L. Kurtz (w/o att.)

Black Rock Area
La Paz Co, AZ

Hope 15' Quad

H A R Q U A H A L L A
P L A I N S

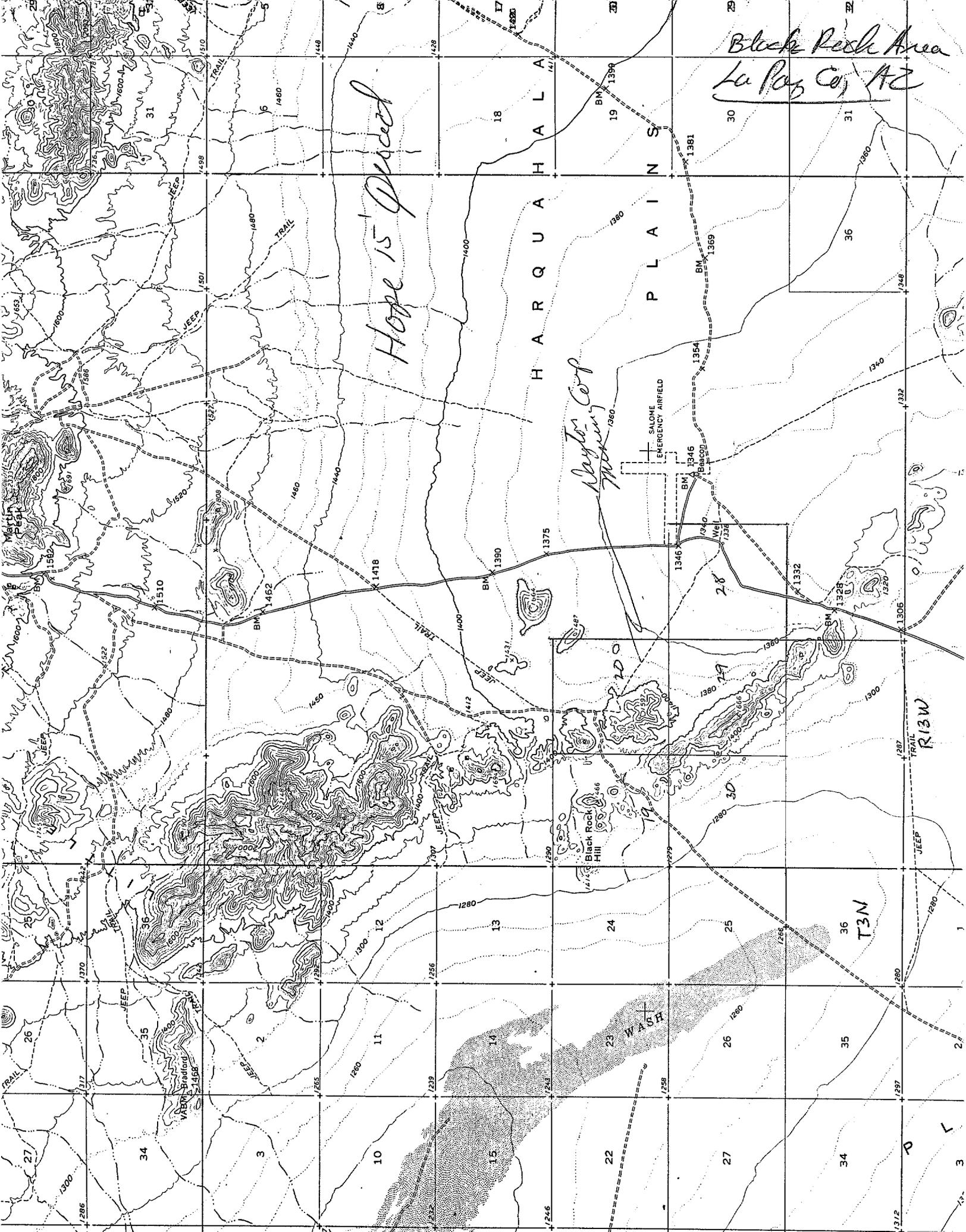
Naylor Corp

SALOME
EMERGENCY AIRFIELD

Black Rock Hill

R13W

T3N



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

Richard Ralko
Dayton Mining Corp

November 7, 1989

Summary

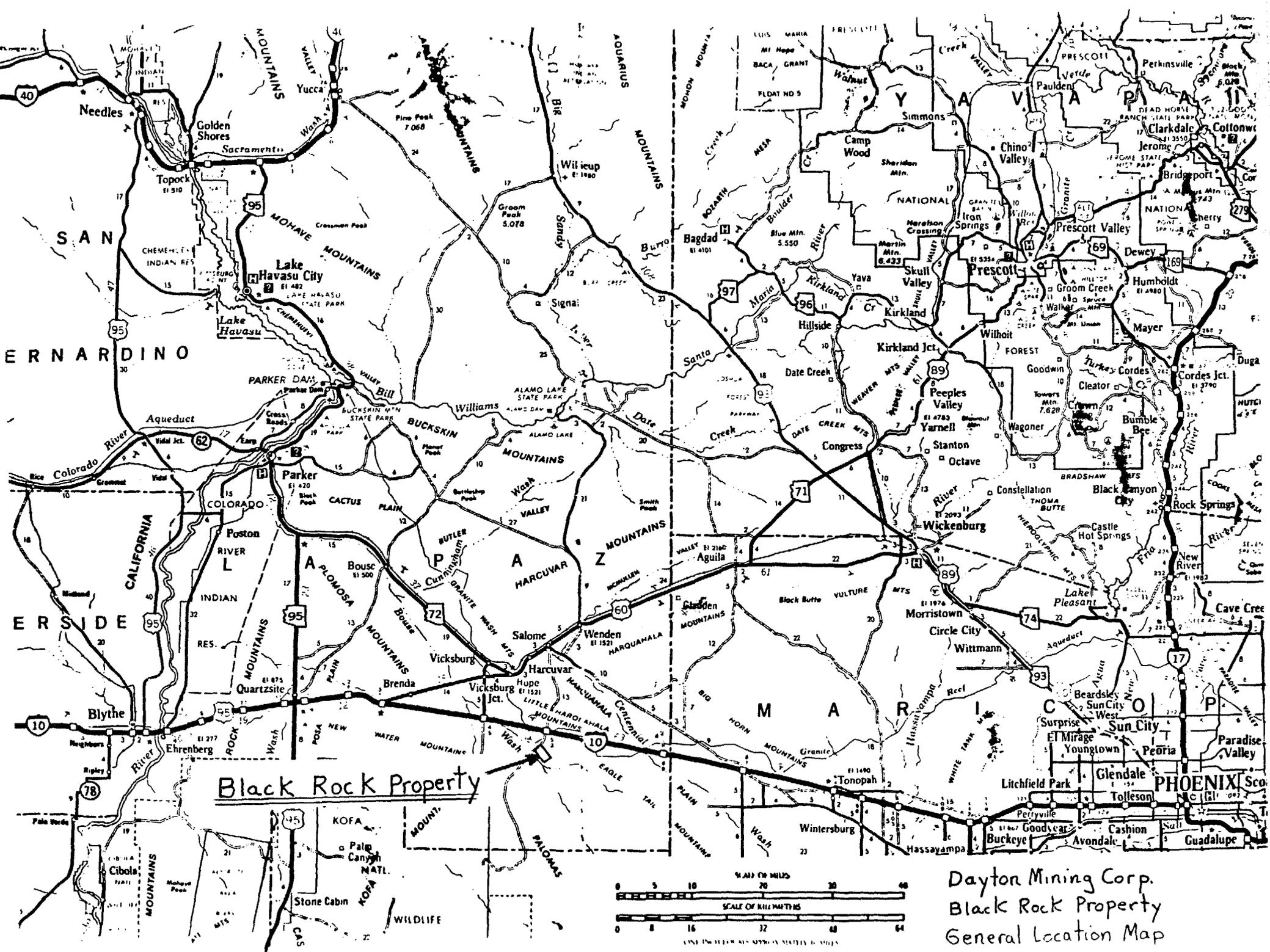
The Black Rock property is situated in the extreme southern end of the Little Harquahala mountains of western Arizona and was discovered as a result of an ongoing regional exploration program. On October 6-8, 1989, a total of 72 lode claims were located which cover approximately 1440 acres (2.2 square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



Black Rock Property

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

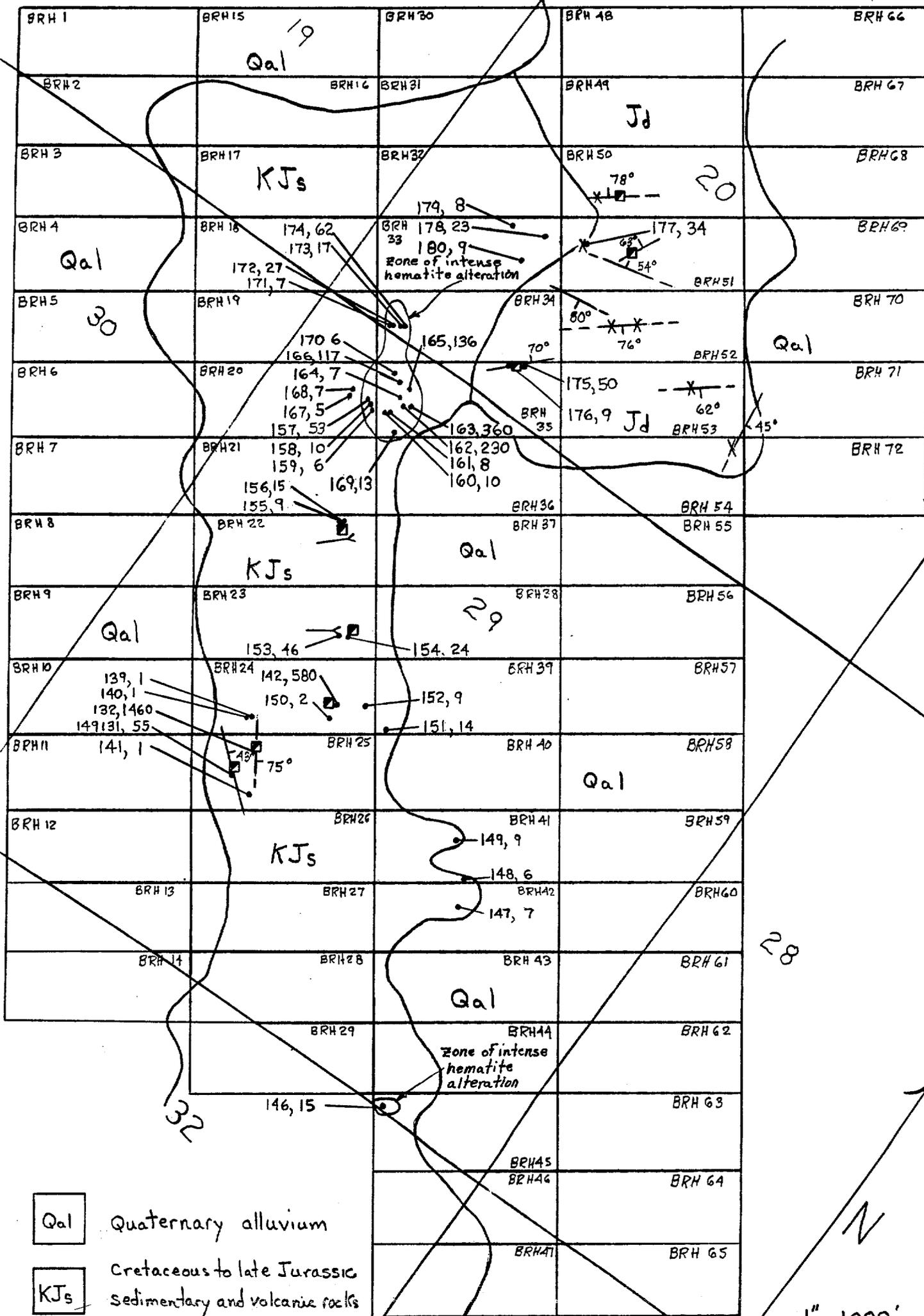
shear zones found on Claim #25 (not shown) have very low easterly dips. These structures are generally 4.0 ft to 5.0 ft wide with a maximum thickness of 20 ft.

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.



- Qal Quaternary alluvium
- KJs Cretaceous to late Jurassic sedimentary and volcanic rocks
- Jd Jurassic diorite

- shaft
- adit
- strike and dip of quartz vein or mineralized shear.

Sample No.,
 162, 230 Au in ppb
 149131 sample series

Dayton Mining Corp.
 Black Rock Property
 Secs. 19, 20, 28-30, 33, T3N, R13W, G+5RM

La Paz County, Arizona
 Generalized Geology and
 Sample Location Map
 R. Ralko 10/30/89

1" = 1000'

SAMPLE DATA SHEET
Black Rock Property

Sample No.	Location	Description	Type	Au	Ag	Cu		
			Width	PPb	ppm	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		
149141	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	Quartz 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 propylitic & argillic altered mod. hem. 0.5% specularite	10.0' chip	15	0.1	614		
149147	central BRH # 42	bx'ed porphyritic 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/propylitic 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	Au	Ag	Cu		
			Width	ppb	ppm	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 cut trench	10.0' chip	53	0.5	1868		
149158	SE corner BRH #20	same material as 149157 30ft to SE. no Cu but weak propylitic 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 fract. 100ft east of 149159	20.0' chip	10	0.2	322		
149161	SW corner BRH #35	same material as 149160 50ft to east in cut trench.	10.0' chip	8	0.3	237		
149162	west end BRH #35	quartzite - sheared, strong hematite. in cut 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. propylitic alted 1% black calc 50ft N of 149162	5.0' chip	7	0.1	95		
149165	NW corner BRH #35	hematitic quartzite shallow q/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% gtzstys 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	Au	Ag	Cu		
			Width	ppb	ppm	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 cut road	20.0' chip	23	0.1	20		
149179	NE corner BRH #33	Andesitic sandstone? bx'ed & sheared in cut 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		

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: C. Leong 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	1.18	.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	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	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	FLM 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
31 BRH #31	NW & SW 1/4 32	3N	13W	G & SR	89	5075	299573	06-Oct-89
	SE 1/4 19	3N	13W	G & SR				
	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	NW 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

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.

JDS:mek
Att.


James D. Sell

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

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

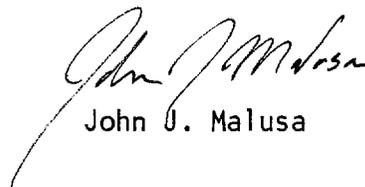
In general, Mesozoic sedimentary and volcanic rocks are thrust (?) upon a lower plate, Mesozoic/P&E (?) granodiorite pluton. It is only at this shear zone (highlighted as "area of interest" on plate 1) that there is a possibility for bulk mineable gold ore. This is due to a fairly wide (~20') brecciated 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.

JJM:mek
Att.


John U. Malusa

ASARCO EXPLORATION RECORD

FIELD EXAMINATION LITERATURE SEARCH ASARCO FILE

Section I General Indexing

① Name(s) of Property or Area BLACK ROCK, Harquahala District				② Country USA		③ State or Province Arizona	
⑥ Latitude 33°35'N		⑦ Longitude 113°37½'W		④ USGS Quad. Hope 15'		⑤ File or Core No. La Paz County	
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 <input type="checkbox"/> Action Now <input type="checkbox"/> Too Low Grade <input checked="" type="checkbox"/> Too Small <input type="checkbox"/> Ownership Problem <input type="checkbox"/> Access Problem			⑮ <input type="checkbox"/> Post Producer <input type="checkbox"/> Producer <input type="checkbox"/> Mineral Deposit <input checked="" type="checkbox"/> Prospect			<input type="checkbox"/> Geologic Concept <input checked="" type="checkbox"/> Geochem Anomaly <input type="checkbox"/> Geophy Anomaly			⑯ Production Commodity: None Tons: _____ Grade: _____		
⑰ Num. Drill Holes <u>-0-</u> Approx Total Footage <u>-0-</u>			⑱ Excavations A few prospect pits and two small adits			⑲ Reserves <input type="checkbox"/> Measured Commodity <input type="checkbox"/> Estimated Tons Grade: _____ --- None ---					
<input type="checkbox"/> Spectro. Analysis Attached			<input type="checkbox"/> Assays Attached			<input type="checkbox"/> Geochem Results Attached					

Section IV Geologic Data

⑲ Commodity or Contained Metals Cu, Ag/Au	
⑳ Ore Minerals-Major	Malachite Chrysocolla Minor Specularite epidote red hem.
㉑ Host Rocks-Major	phyllite quartzite Minor _____
㉒ Age of Host Rocks	Mesozoic
㉓ Nature of Exposures	Good exposures -- altered thrust (?) Faults nicely exposed.
㉔ Alteration Slightly silicified, pervasive hematite, with weak propylitic envelope approx. 10' thick in HW. ㉕ Total Extent 20' E-W x 200' N-S	
㉖ Structure ≈N30°W shear zone in phyllite/qtzite, dips 15-25° SW appears to be a thrust fault.	
㉗ Ore Occurrence CuOx stainings in fractures with strong red hem. staining, trace specularite and epidote -- no sulfides observed/all oxidized.	
㉘ Age of Mineralization Mid Tertiary??	
㉙ 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)

3 AM
Scatter
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).

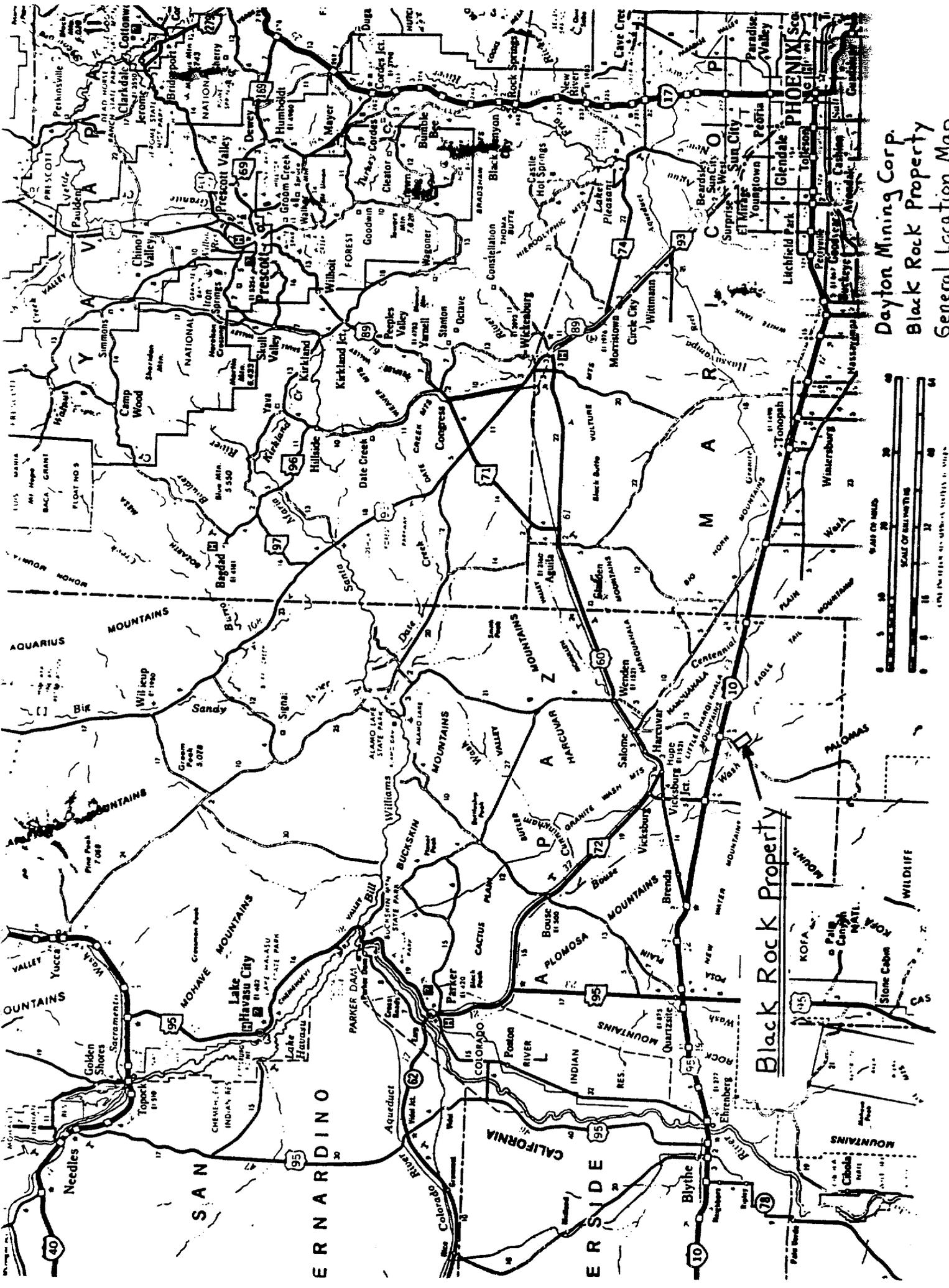
Several large claim blocks are located to the north of the property in one of the more substantial gold producing districts of this county. One property, six miles to the north has recently been drilled and is apparently leased to Noranda. This area is in an identical geologic setting to the Black Rock 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



Dayton Mining Corp.
 Black Rock Property
 General Location Map

Black Rock Property



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

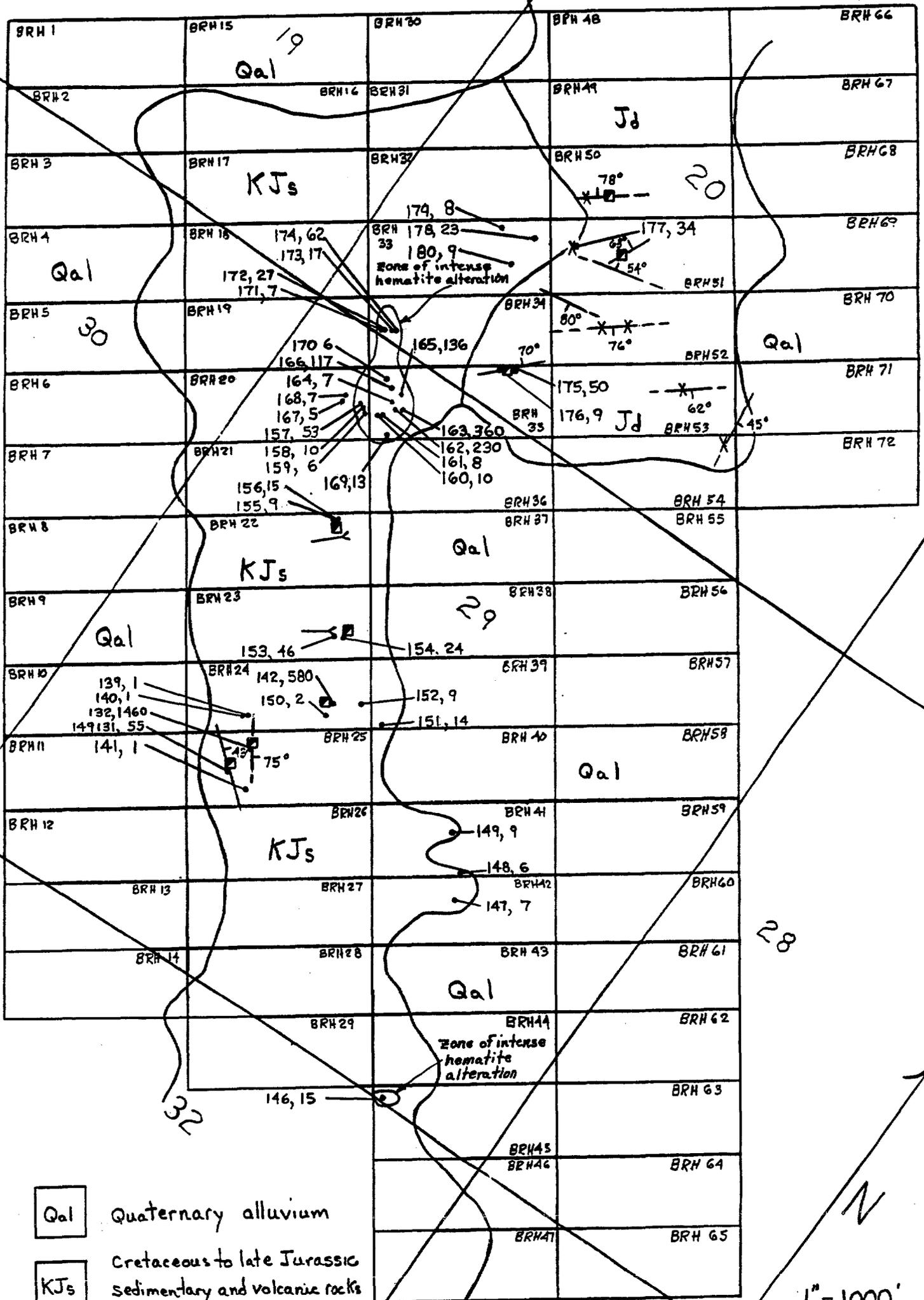
shear zones found on Claim #25 (not shown) have very low easterly dips. These structures are generally 4.0 ft to 5.0 ft wide with a maximum thickness of 20 ft.

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.



- Qal Quaternary alluvium
- KJs Cretaceous to late Jurassic sedimentary and volcanic rocks
- Jd Jurassic diorite

■ shaft

— adit

--- strike and dip of quartz vein or mineralized shear.

Sample No.,
162,230 Au in ppb
149131 sample series

Dayton Mining Corp.
Black Rock Property
Sec's 19, 20, 28-30, +33, T3N, R13W, G+5RM
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	Au	Ag	Cu		
			Width	ppb	ppm	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		
149141	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	Quartz 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 propylitic & argillic altered mod. hem. 0.5% specularite	10.0' chip	15	0.1	614		
149147	central BRH # 42	bx'ed porphyritic 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/propylitic 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	Au	Ag	Cu		
			Width	ppb	ppm	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 propylitic 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 fract. 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 propylitic alt 1% black calc 50ft N of 149162	5.0' chip	7	0.1	95		
149165	NW corner BRH #35	hematitic quartzite shallow g/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% g/2 strys 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	Au	Ag	Cu		
			Width	ppb	ppm	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	B'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. b'ed + strong FeOx stain	4.0' chip	34	0.3	122		
149178	East end BRH #33	Sandstone bleached & hematitic in cut road	20.0' chip	23	0.1	20		
149179	NE corner BRH #33	Andesitic sandstone? b'ed & sheared in cut 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		

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: C. L. 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	2	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	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Al ² 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

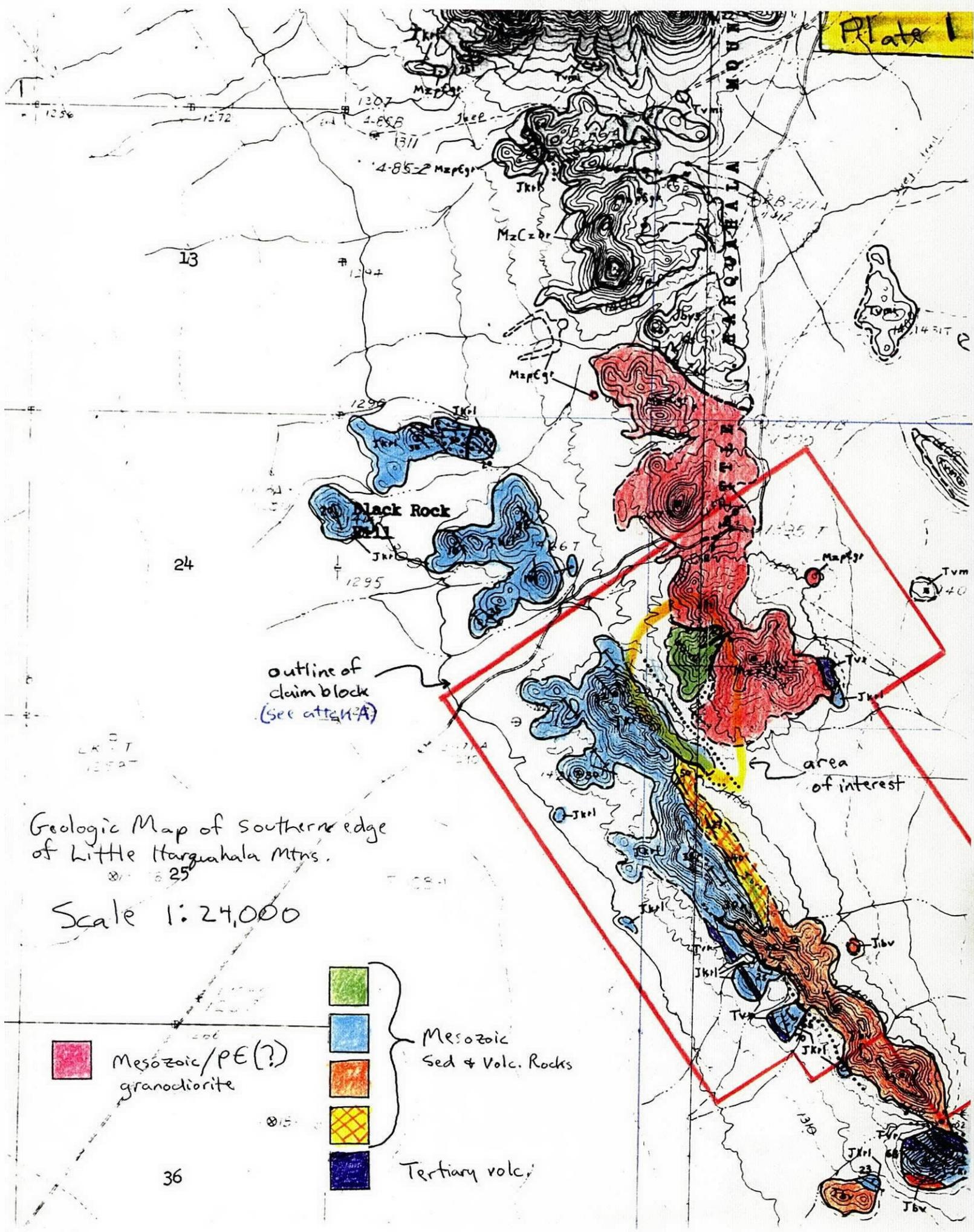
Claim Name	Section(s)	Township	Range	Meridian	Book	Page	RLM AMC No.	Date Located
1 BRH #1	SW & SE 1/4 19	3N	13W	G & SR	89	5045	299543	08-Oct-89
2 BRH #2	SW & SE 1/4 19	3N	13W	G & SR	89	5046	299544	08-Oct-89
	NE & NW 1/4 30	3N	13W	G & SR				
3 BRH #3	SE 1/4 19	3N	13W	G & SR	89	5047	299545	08-Oct-89
	NE & 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
31 BRH #31	NW & SW 1/4 32	3N	13W	G & SR				
	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	NW 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				

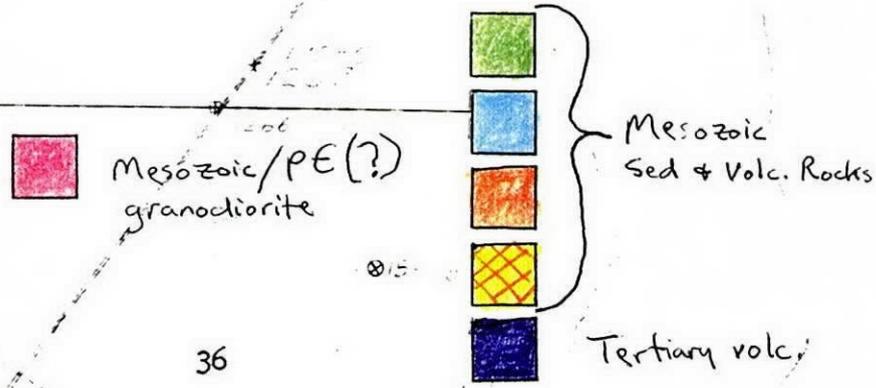
**DAYTON MINING CORP
BLACK ROCK PROJECT
CLAIMS LIST**

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



Geologic Map of southern edge of Little Hargrahala Mtns.

Scale 1:24,000



attached for
your copy of
John Malusa's
report on
"Black Rock"

~~Antler~~

Antler Platinum Corp.

La Paz Co

Black Rock property

BRX bulk site

? Same as Dayton's area? or elsewhere ???

Just SE of Dayton in the S¹/₂ of Sec 35, T3N, R13W
in the N¹/₂ of Sec 2, T2N, R13W.

i/31/94



4/4/84



Northern Miner

Founded 1915



*N Miner
V. 80, N. 5
4/4/84
p. 1*



6/20/94 Confirmed by N. Reynolds

Black Rock

La Paz Co

T3N R13W

S of Hope

Sec 35/2

SE + SW 1/4

Hope -

\$85,000 they have staked many associated pieces in western AZ & are drilling and overtopping !!!

DCRS Red Tail

March 16, 1994



Complex ore's the problem, says Furlong

The Northern Miner, v. 80, No. 4, p. 1

4/11/94

Souther

DC

International Platinum still halted

The No. Mines V 80, No. 7, p. 1

The Northern Miner, V. 80, No. 8, p. 1
4/25/94

l
t
A
D
S
o
M
a
l
n
s
n
H
t
h
e
n
n
C
o

Mineral Resource

MINING

INTERNATIONAL PLATINUM CORP.

One of the principle duties of the Département, mandated by State statute, is to investigate mining properties in Arizona. In keeping with that directive, on March 28, 1994 V.L.R. (Lee) Furlong, President of International Platinum Corporation, and three associates were invited to the Department to meet with Nyal Niemuth, Diane Bain, and Director, Mason Coggin. They provided the Department with information on their activities at the BRX claims in La Paz County. The company, International Platinum Corp., has had heavy trading on the Toronto Stock Exchange. The Exchange, and other interested parties, have grown uneasy about the validity of the press releases made by the company and asked the Department to investigate.

Lee Furlong explained the company has a widespread anomaly that has extremely high values of gold, platinum, silver, copper and other metals. The gold and other precious metals are encapsulated thus rendering them immune to standard fire assay methods. The assayers they use, however, reveal high values. They explained the metals are contained in what appears to be alluvium, (unconsolidated dirt), but is actually a more unusual, and as yet undetermined, geologic phenomena. They claim this material contains grains of petzite (a gold telluride), free gold, chalcopryrite, platinum group metals, plus many others. Furlong did not bring samples of the material, but said the grain size is so small that the precious metals cannot be seen anyway.

The Department was invited to visit and sample the claims. On March 3 Nyal Niemuth examined the property and collected samples. They were delivered to Arizona-registered assayer James Roy

Weatherby. Analysis by the fire assay method of the five samples did not find gold or any evidence of the platinum group metals.

Of the assay results Coggin says, "One area of agreement between the Department and International Platinum is that precious metals cannot be found in their samples by standard fire assay; we differ on why this is so." A report of the property is available.

DECOMPOSED GRANITE MARKETS

The Department receives numerous requests for deposits of decomposed granite in Pima County indicating the existence of an unmet demand. As no inventory of potential deposits exists, we provide an exploration concept for those interested in prospecting for a suitable deposit.

Landscape rock can be described as any crushed, broken, or quarried blocks of rock and natural boulders used outdoors for ground cover and decorative purposes. Crystalline rock that has weathered to produce a "decomposed granite" is also included.

The major markets for crushed and decomposed granite produced in Arizona are the urban and suburban



On May 7 the Arizona Historical Foundation named Mason Coggin co-reipient of the Best Paper on Arizona History Award for his "Roots of the Calumet and Arizona, Bisbee." The above photograph shows miners in a cave in a Bisbee underground mine, circa 1917. Photo by Ida Mae Coggin.



The Northern Miner, V. 80, N. 13, p. 1
5/30/94

The Northern Miner, V. 80, N. 13, p. 1
5/30/94