



## **CONTACT INFORMATION**

Mining Records Curator  
Arizona Geological Survey  
1520 West Adams St.  
Phoenix, AZ 85007  
602-771-1601  
<http://www.azgs.az.gov>  
[inquiries@azgs.az.gov](mailto:inquiries@azgs.az.gov)

The following file is part of the

Arizona Department of Mines and Mineral Resources 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.

PRINTED: 06-25-2008

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: DRY HILL MINE

ALTERNATE NAMES:

COCHISE COUNTY MILS NUMBER: 173

LOCATION: TOWNSHIP 20 S RANGE 22 E SECTION 15 QUARTER SW  
LATITUDE: N 31DEG 41MIN 30SEC LONGITUDE: W 110DEG 05MIN 17SEC  
TOPO MAP NAME: TOMBSTONE - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

SILVER  
MANGANESE  
COPPER OXIDE  
GOLD LODE

BIBLIOGRAPHY:

ADMMR DRY HILL MINE FILE  
KEITH, S.B., 1973, AZBM BULL. 187, P. 75  
AZBM BULL. 143, P. 83-84  
USBM IC 8969 GOLD AND SILVER LEACHING PRACT.

DRY HILL MINE

REFERENCES

COCHISE COUNTY

ABM Bu1 187 P. 75

ABM Bu1. 143 P. 83-84

MILS Sheet sequence number 0040030601

Three maps of the Dry Hill working with geology in the ABM rolled  
file boxes upstairs

See: IC 8969 -- Gold and Silver Leaching Practices in the U.S.; p. 16, 19-22.

DRY HILL MINE

COCHISE COUNTY

WP&M 7/76: Ben Case and Tom Colvin have a crew at work exploring the old diggings on the Dry Hill claim.

---

MG WR 9/29/80: Mr. Jim Akers has leased the Dry Hill Mine (Tombstone District, Cochise County) on the prompter Fault from the Tombstone Historical Association. Mr. Jack Frank has joined him. They have investors and plan to develop the property soon. The property has a 325 ft. vertical shaft and workings that Askers has mapped. There are about 5000 tons on the dump. Akers' phone number is 457-3834.

---

MG WR 4/2/82: Visited Mr. Ray Ludden, Manager of Western Exploration, Phelps Dodge Corp. I requested of him underground mine maps of the Dry Hills Mine area on behalf of the Can-American Co., Inc. but he was unable to locate any. At one time Phelps Dodge controlled some of this property.

---

MG WR 5/14/82: Learned that the Can-American Mining Company shut down indefinitely as of May 11, 1982, its operations at the Dry Hills Mine south of Tombstone (Cochise County).

---

ARIZONA DEPARTMENT OF MINERAL RESOURCES

Mineral Building, Fairgrounds

Phoenix, Arizona

MILS 173

1. Information from: Kent Wickware, c/o Can-American Mining Co., Inc.  
Address: P.O. Box 130, Tombstone, AZ 85638; phone 457-2266
2. Mine: Dry Hills (Dry Hill) 3. No. of Claims - Patented 5  
(Cochise County) Unpatented 5
4. Location: SW of Tombstone 1.3 miles via Charleston Rd, then south 0.5 miles by dirt road
5. Sec 15 (Center) Tp 20S Range 22E 6. Mining District Tombstone
7. Owner: Mixed ownership (patented ground leased from various parties)
8. Address: \_\_\_\_\_
9. Operating Co.: Can-American Mining Co., Inc.
10. Address: (same as above)
11. Gen. Mgr. <sup>WC</sup> Bill R. Petska 12. ~~Gen. Mgr.~~ <sup>WC</sup> Kent Wickware
13. Principal Metals: Ag-Au 14. No. Employed: 28
15. Mill, Type & Capacity: \_\_\_\_\_
16. Present Operations: (a) Down  (b) Assessment work  (c) Exploration   
(d) Production  (e) Rate approx. 70 tpd.
17. New Work Planned: Declined ramp from Silver Cable patented claim to Dry Hill workings in progress; 600 ft of 8'X8' with 100 ft of slusher slots. Cost of decline \$50-\$60/ft.
18. Misc. Notes: In operation since Jan 1981. Use cyanide leach pads and recover Ag/Au by Merrill-Crowe process. Initially treated mine dumps. Now mining underground one shift/day. Crush ore to 3/16 inch and pelletize. Screen tests indicate silver is disseminated with abundant manganese. Average grade reported 10 oz Ag/ton. Recovery reported 60%.  
Producing doré for sale but have facilities to electrorefine.  
Ms. Phyllis McManus is Director of Industrial Safety.

Date: March 29, 1982

(Signature)

(Field Engineer)



~~CONFIDENTIAL~~  
~~CONFIDENTIAL~~  
~~CONFIDENTIAL~~

19 MARCH 1986

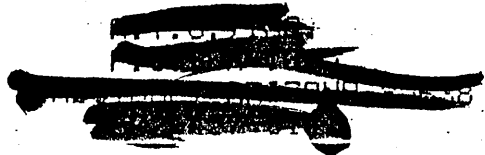
BLUE TOP CLAIMS

REF: G. HELDRAY MAP OF JULY 1985 SCALE 1" = 100'; FIELD STATIONS WERE MARKED EAST AND WEST OF 0 POINT AT 100' INTERVALS, AS WERE NORTH AND SOUTH FIELD STATIONS, THEREBY ESTABLISHING GRIDS. SAMPLE LOCATIONS ARE NOTED IN RELATION TO THE NEAREST FIELD STATION.

R.T.O.ID#	LOCATION	GOLD	SILVER
339-002	5'Wof8W,5'Nof5S	----	1.46
339-006	20'Wof10W,25'Nof0	----	0.213
339-008	20'Wof10W,25'Nof0	----	11.88
339-009	5'Wof8W,5'Nof5S	----	7.24
339-010	SAME	"AA"0.16	0.25
339-012	SAME	" 0.15	82.72
339-014	SAME	" 0.0068	0.84
339-015	SAME	" 0.05	55.39
339-016	SAME	----	81.63
339-017	SAME	"AA"0.12	5.68
339-018	10'Eof8W,50'Sof4S	"AA"0.04	7.28
339-019	SAME	" 0.11	5.24
339-020	5'Wof8W,5'Nof5S	" 0.10	7.43
339-021	20'Wof10W,25'Nof0	" 0.02	1.77
339-022	5'Wof8W,10'Nof5S	" 0.03	1.56
339-023	10'Eof8W,15'Nof4S	" 0.06	1.53
339-024	10'Eof8W,50'Sof4S	" 0.02	2.33
339-025	30'Eof10W,15'Nof5S	----	28.18
339-026	SAME	----	5.94
339-033	-----10W,35'Sof2N	"AA"0.009	1.19
339-034	40'Wof10W,40'Sof3N	" 0.09	0.498
339-035	15'Eof10W,45'Nof5S	"0.008	6.78
339-036	SAME	" 0.011	6.06
339-037	30'Eof2W,35'Sof0	" 0.14	1.64
339-038	20'Eof8W,25'Nof5S	" 0.12	0.53
339-039	SAME	" 0.14	0.745
339-040	SAME	" 0.20	0.147
339-041	SAME	" 0.21	0.735
339-042	SAME	" 0.21	0.933
339-043	SAME	" 0.06	0.155
339-044	SAME	" 0.21	1.03
339-045	SAME	" 0.13	0.547
339-046	SAME	" 0.12	1.16
339-047	SAME	" 0.16	5.62
339-048	30'Eof2W,35'Sof0	" 0.15	5.13
339-049	SAME	NIL	4.30
339-050	SAME	"AA"0.115	1.80

339-051	SAME	"	0.15	2.12
339-052	45'Eof12W, 5'Nof6S	"	0.04	2.97
339-053	20'Wof12W, ----2S	"	0.15	0.62
339-054	10'Eof8W, 50'Sof4S	"	0.12	0.128
339-055	SAME	"	0.08	0.481
339-056	SAME	"	0.08	2.98
339-057	20'Wof12W, ----2S	"	0.16	1.23
339-061	-----11W, 40'Nof6N	FIRE	0.07	1.26
339-062	SAME	"	0.004	1.26
339-069	5'Wof8W, 20'Nof4S	"	0.009	1.19
339-071	15'Eof10W, 45'Sof4S	----		4.86
339-073	45'Eof12W, 25'Sof1S	----		0.048
339-074	15Eof8W, 15'Sof1N	FIRE	0.019	0.078
339-075	5'Wof5W, -----2S	----		1.177
339-076	25'Wof5W, 20'Nof2S	FIRE TRACE		0.116
339-077	30'Eof5W, 20'Nof2S	----		0.486
339-078	30'Wof5W, 40'Sof1S	----		TRACE
339-080	40'Eof2W, -----0	----		1.69
339-081	-----0, 30'Sof0	----		1.58
339-082	20'Eof6W, 35'Sof2S	FIRE	0.02	0.24
339-083	45'Eof2W, 25'Sof0	NIL		NIL
339-087	30'Wof1E, 30'Nof0	----		0.019
339-088	SAME	----		0.019
339-089	45'Eof2W, 25'Sof0	----		0.029
339-105	10'Eof1W, 25'Sof0	FIRE	0.009	1.99
339-106	20'Eof1N, -----0	NIL		TRACE
339-107	25'Eof1N, 20'Nof0	----		0.029
339-108	40'Wof1E, 45'Nof0	----		0.077
339-109	30'Eof1E, 20'Sof1N	"	1.06	0.58
339-110	10'Eof1E, 20'Sof1N	----		0.077
339-111	25'Wof1E, 5'Sof0	----		0.068
339-112	-----1E, 20'Nof1N	----		0.96
339-119	30'Eof1E, 20'Sof1N	----		0.23
339-120	SAME	----		0.617
339-122	SAME	TRACE		0.57
339-123	SAME	0.009		1.52
339-137	40'Eof2W, 20'Nof0	0.019		0.27
339-138	SAME	0.01		1.58
339-139	SAME	0.048		3.61
339-142	SAME	0.019		2.90
339-143	SAME	TRACE		1.09



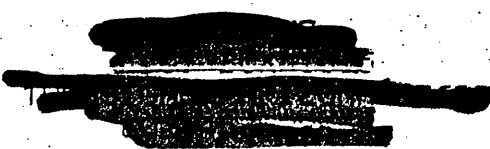


19 MARCH 1986

BLUE TOP CLAIMS

REF: G. HELDWAY MAP OF 3 NOVEMBER 1985 SCALE 1" = 50'; FIELD STATIONS WERE MARKED EAST AND WEST OF 0 POINT (CORNER OF SECTIONS # 10,11,14&15) ALSO SOUTH AT 100' INTERVALS, THEREBY ESTABLISHING 100 SQUARE FOOT GRIDS. SAMPLE LOCATIONS ARE NOTED IN RELATION TO NEAREST FIELD STATION.

R.T.O. ID#	LOCATION	GOLD	SILVER
339-193	30'Eof1W, 25'Nof4S	TRACE	0.073
339-194	30'Eof1W, 25'Nof4S	0.005	0.65
339-195	25'Eof1W, 15'Sof4S	0.02	5.05
339-196	25'Eof1W, 15'Sof4S	0.07	17.39
339-198	15'Wof3W, 50'Sof5S	0.02	44.728
339-199	30'Eof1W, 30'Sof2S	0.03	61.808
339-200	25'Eof1W, 15'Sof4S	0.2335	259.18
339-201	35'Eof1W, 20'Nof4S	0.08	0.428
339-202	-----1W, 5'Sof5S	-----	0.34
339-203	-----1W, 15'Sof5S	0.01	-----
339-204	15'Wof1W, 30'Nof6S	0.01	-----
339-205	45'Wof1W, 15Z'Sof6S	TRACE	1.10
339-206	40'Eof2W, 45'Sof6S	0.03	0.29
339-207	25'Eof0, 35'Sof5S	-----	0.218



ASSAT #	LOCATION	SILVER	GOLD IN OZ/TON.
339-002	100TON HEAP S/W OF PAD 11/1/82	1.46	----
339-006	C.T.WHITE ROCK	0.213	----
339-009	HEADS GREEN ORE, HOLE ON TOP	11.88	----
339-009	HEADS BLACK ORE	7.24	----
3339-010	HEADS, COMPOSIT SAMPLE (GEORGE) 0.25 0.16"AA"		
339-011	NOTE: EXTRACTION TEST ON #339-008 USING C.T.'s PROCESS TIME SILVER		
	5 MINUTES	33.16	
	10	41.30	
	15	35.67	
	30	36.92	
	60	38.55	
339-012	HEADS GREEN WARWE COURSE FROM EAST SIDE OF BIG HOLE 82.72 0.15"AA"		
339-014	VIEN S/SW WALL R. OF RATS NEST	0.84	0.0068
339-015	TWO ROCKS	55.39	0.05
339-016	GREEN HI GRADE FROM HOLE ON TOP	81.63	---
339-017	HOLE	5.68	0.12"AA"
339-018	ADIT E. & BELOW HOLE	7.28	0.04"AA"
339-019	VIEN IN ADIT.	5.24	0.11"AA"
339-020	DUMP FROM HOLE ABOVE ADIT	7.43	0.10"AA"
339-021	WHITE ROCK C.T. SAMPLE	1.77	0.02"AA"
339-022	2 BUCKETS, HOLE DUMP, ACCROSS FRONT	1.56	0.03"AA"
339-023	ADIT DUMP	1.53	0.06
339-024	ADIT MINE RUN	2.33	0.0.02"AA"
339-025	ORE ON DUMP W. OF HOLE, POST DUMP	28.18	----
339-026	POST DUMP	5.94	----
339-027	SILVER BELL N/W END OF DUMP	7.18	----
339-028	SILVER BELL E. SIDE	7.85	----
339-029	LOT # 1 4/4/83	0.379	----
339-030	LOT # 2 4/4/83	0.160	----
339-031	LOT # 3 4/4/83	0.131	----
339-033	POWDER MAG BLACK ROCKS	1.19	0.009
339-034	GREENON S. WALL IN CUT ABOVE POWDER MAG.	0.498	0.09"AA"
339-035	UNDERGROUND MIXED SAMPLE P.ON DUMP	6.78	0.008
339-036	UNDERGROUND POST ON DUMP	6.06	0.11"AA"
339-037	COMPRESSOR DECLINE	1.64	0.14"AA"
339-038	STEVE & FOSTER # D 1	0.53	0.12"AA"
339-039	" " # D 2	0.746	0.14"AA"
339-040	" " # D 3	0.147	0.20"AA"
339-041	" " # D 4	0.736	0.21"AA"
339-042	" " # D 5	0.933	0.21"AA"
339-043	" " # D 6	0.155	0.06"AA"
339-044	" " # D 7	1.03	0.21"AA"

339-045	"	"	# D 8	0.547	0.13"AA"
339-046	"	"	# D 9	1.16	0.12"AA"
339-047	"	"	# D 10	5.62	0.16"AA"
339-048	"	"	# BHD 1	5.13	0.15"AA"
339-049	"	"	# BHD 2	4.30	----
339-050	"	"	# BHD 3	1.80	0.116"AA"
339-051	"	"	# BHD 4	2.12	0.15"AA"
339-052	"	"	# RSP W-D 3'6"	2.97	0.04"AA"
339-053	"	"	# PP WD 6' 2 SACKS	0.62	0.15"AA"
339-054	C.T.	ADIT	ENTERANCE 4/23/83	0.138	0.12"AA"
339-055	"	"	DRIFT 1-25' 4/23/83	0.481	0.08"AA"
339-056	S.B.	IN	E.3'	2.98	0.08"AA"
339-057	PIT	W.OF	RD.3'6" "S&F"4/23/83	1.23	0.16"AA"
339-059	(CONE)	SILVER	BELL		
			SHAFT 5/12/83	22.10	0.077 FIRE
339-060	(41-92')	SILVER	BELL SHAFT	3.40	0.14"AA"
339-061	PAD	SUMP		1.26	0.0.07 FIRE
339-062	PAD	CENTER		1.26	0.004 "
339-063	LARGE	LIME	LOOKING ROCKS	0.49	0.008 "
339-064	SMALLER	"	"	0.03	0.019 "
339-065	BILL	GREABB'S	RED ROCKS	TRACE	NIL
339-066	#9	MESH	OF # 339-69	NIL	NIL
339-067	C.T.	P/U	FLOAT	9.14	0.01 "
339-068	C.T.	P/U		0.28	0.019 "
339-069	J.D.	BUCKET	LOAD # 1	1.16	0.009 "
339-070	"	"	# 2	0.29	----
339-071	"	"	# 3	4.86	----
339-072	"	"	# 4	TRACE	----
339-073	"	"	# 5	0.048	----
339-074	"	"	# 6	0.078	0.019 "
339-075	"	"	# 7	1.177	----
339-076	"	"	# 8	0.116	TRACE
339-077	"	"	# 9	0.486	----
339-078	"	"	# 10	TRACE	----
339-079	"	"	# 11	1.69	----
339-080	"	"	# 12	1.58	----
339-081	"	"	# 13	0.83	----
339-082	"	"	# 14	0.24	----
339-083	"	"	FACE	NIL	
339-087	"	"	MUCK FILE # 1	0.019	----
339-088	"	"	" " # 2	0.019	----
339-089	C.T.H.	FACE	SAMPLE	0.029	----
339-090	C.T.H.	VIEN	SAMPLE ROAD 7/28/83	0.534	----
339-091	C.T.H.	ROAD	SAMPLE 7/28/83	4.57	----
339-105	"A"	TRENCH	SOUTH END # 1	1.99	0.009 FIRE
339-106	"A"	TRENCH	MID. # 2	TRACE	NIL
339-107	"A"	TRENCH	NORTH END # 3	0.029	----
339-108	"B"	"	SOUTH END	0.67	----
339-109	"C"	"	" " # 1	0.58	1.06
339-110	"C"	"	MID. # 2	0.077	----
339-111	"C"	"	NORTH # 3	0.068	----
339-112	"D"	"		0.96	----
339-113	"E"	"	SOUTH END # 1	0.35	----

5

339-114	"E"	"	MID.	# 2	0.136	----	
339-115	"E"	"	NORTH END	# 3	0.068	----	
339-116	"E"	"	BETWEEN #2 & #3		0.09	----	
339-117			REDO OF # 339-109		0.734	0.856	FIRE
339-118			2ND REDO FO #339-109		0.754	0.856	
339-119			"C" TRENCH SOUTHERN MOST WALL VIEN		0.23	----	
339-120	"C"	"	5'NORTH OF #339-119		0.617	----	
339-121			COMPOSIT HEAD		2.23	TRACE	
339-122	"C"	"	TRENCH 5'SOUTH OF #339-123		0.57	TRACE	
339-123	"C"	"	5'NORTH OF #339-122		1.52	0.009	FIRE
339-125			HEAD		0.515	0.038	"
339-126			WASHED #339-121		0.75	0.547	"
339-127			COMPOSIT OF 200# EACH OF #339-071,075,079,080 & 081		3.36	0.038	FIRE
339-128			REDO OF #339-070 "AA"		0.86	----	
339-134			BLACK FLOAT FROM WASH		19.55	----	
339-136			BLACK Mn ORE DELHI		11.81	0.029	FIRE
339-137			N. SIDE OF WALL E. ADIT 3/3/83		0.27	00.019	"
339-138			DECLINE COMPRESSOR ADIT FINES		1.58	0.01	"
339-139	"	"	" " " L.ROCKS		3.61	0.048	"
339-142	"	"	" " " 3'VIEN		2.90	0.019	"
339-143	"	"	" " " FLOOR VIEN		1.09	TRACE	
339-193			CONTACT 230DEEG.MAG. 10/14/85		0.073	TRACE	FIRE
339-194			230 DEG. MAG Mn STRIKE		0.65	0.005	FIRE
339-195			RIDGE PROSPECT E. WALL 10/17		5.05	0.02	FIRE
339-196			RIDGE PROSPECT 10/17/85		17.39	0.07	FIRE
339-198			BILL's # 2 FLOAT 10/18/85		44.728	0.02	FIRE
339-199			" # 3 10/18/85		61.808	0.03	
339-200			RIDGE PROSPECT HIGH GRADE		259.18	0.2335	FIRE
339-201			GABRIEL's # 1 OF 10/18/85		0.428	0.08	FIRE
339-202			" # 2 OF 10/18/85		0.34	LOST	
339-203			" # 3 OF 10/18/85		----	0.01	FIRE
339-204			" # 4 OF 10/18/85		----	0.01	FIRE
339-205			" # 5 OF 10/18/85		1.10	TRACE	FIRE
339-206			" # 6 OF 10/18/85		0.29	0.03	FIRE
339-207			SOIL SAMPLE #1 OF 10/19	0.218	"AA"		
339-208			" " " #2 OF 10/19	0.087	"AA"		
339-209			" " " #3 OF 10/19	----	----		
339210			" " " #4 OF 10/19	0.087	----		
339-211			" " " #5 OF 10/19	0.116	----		
339-212			" " " #6 OF 10/19	0.102	----		
339-213			" " " #7 OF 10/19	0.102	----		
339-214			" " " #8 OF 10/19	0.058	----		
339-215			" " " #9 OF 10/19	0.145	----		
339-216			" " " #10 OF 10/19	0.247	----		
339-217			" " " #11 OF 10/19	0.218	----		
339-218			" " " #12 OF 10/19	0.262	----		
339-219			" " " #13 OF 10/19	0.072	----		
339-220			" " " #14 OF 10/19	0.408	----		
339-226			SAMPLE #7 OF 10/26		NIL	NIL	
339-227			" " #8A		11.68	----	FIRE
339-228			" " #8B		0.73	TRACE	FIRE

339-229	"	"	#9 OF 10/26	7.63	----	FIRE
339-230	"	35-1E	OF 10/26	0.13	----	FIRE
339-231	BILL'S	SHALLOW HOLE	1' OR C	2.33	0.02	FIRE
339-232	"	"	" BLACK ROCK	1.30	TRACE	FIRE
339-233	GABRIEL'S	SAMPLE	#10 OF 10/26	NIL	NIL	FIRE
339-234	"	"	#11 OF 10/26	0.02	----	FIRE
339-235	"	"	#12 OF 10/26	0.03	----	FIRE
339-236	BILL'S	SAMPLE	#A	4.84	----	FIRE
339-237	"	"	#B	TRACE	----	
339-238	"	"	#C	4.87	----	
339-239	"	"	#D	8.70	----	
339-240	"	"	#E	7.62	----	
339-241	"	"	#F	14.85	----	

ARIZONA DEPT. OF MINES & MINERAL RESOURCES  
STATE OFFICE BUILDING  
416 W. CONGRESS, ROOM 161  
TUCSON, ARIZONA 85701