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CAMBIOR USA, INC.

MEMORANDUM

To: Jock McGregor

From: Gary Parkison GP

Date: February 5, 1992

Subject: EVALUATION OF THE RED HILLS COPPER PROPERTY
PINAL COUNTY, ARIZONA

SUMMARY AND CONCLUSIONS

The Red Hills copper property represents a very attractive exploration opportunity which has good potential for hosting a shallow, copper oxide deposit exceeding some 20 million tons in size. While past drilling is fairly extensive, the drill holes were located to test for a possible deep, sulfide porphyry deposit. Those holes, which were located within or adjacent to the extensive (5,000' by 2,000') zone of outcropping alteration and mineralization, generally have no available assays. Therefore, while the property has had fairly significant past production and drilling, further evaluation of the potential of the property would be of an exploratory, essentially grass-roots nature.

It is recommended that the information on this property be forwarded to Cambior's Reno Exploration office for its review. As I have been on the property several times and have met with the owners, I will make myself available to Reno personnel for site trips or additional discussions with the owners.

INTRODUCTION

As a result of a systematic review of the copper properties in central Arizona, the Red Hills property was singled out for further evaluation as a possible exploration/development opportunity. I have visited the area briefly on two occasions and have met with the owners of the property. Information obtained from the owners, the Arizona Department of Mines and Minerals Resources, and my own observations were utilized in the preparation of this report.

LOCATION AND LAND STATUS

The Red Hills area is located approximately ten miles due east of Florence, Arizona, in Pinal County, about four miles south of the Gila River. Terrain in the area is quite flat but with several north-trending dry washes bisecting the area. Elevation of the area is generally about 2,000 feet with characteristic vegetation consisting of desert-type trees and shrubs.

The primary area of interest lies in Section 26, 27, 28, 33, 34, and 35, T4S, R11E and Sections 1, 2, and 3, T5S, R11E. The sections of interest in T4S are state sections with the minerals held by the U.S. Government; in T5S, Section 1 and 3 are all federal sections, while Section 2 is wholly a state section.

The bulk of the area of interest is held by the Redbird #1-88 claims owned by Gila Red Hills Mining Ltd. (2290 W. Broadway Road, Apache Junction, Arizona 85220, (602) 982-8224, 280-9087). The three principal partners are brothers, Mark and Martin McKenna, and Jim Simpson, who all live in the Phoenix area. Within the area of the Redbird claims are the Grande 1-16 claims. These claims are thought to be invalid because they were located while prior existing claims (owned by Troy Ray) were still valid.

Other small claim blocks are present in the SW portion of Section 26 and the NE portion of Section 3. Other possible prospective ground in the area of interest is open for location.

HISTORY

Exploration and mining of the Red Hills area dates back to the early 1900s with the main emphasis being the production of small lots of high-grade, direct-shipping ore from numerous shallow pits and shafts.

The first known "commercial" scale development of the property was undertaken by Arizona Consolidated Gold and Copper Co. (ACG&CC) in the mid- to late 1940s. ACG&CC funded several geological reports and drilled five core holes on the property.

During the late 1960s, a Texas company, Red Hills Mining Corp., acquired the property and subsequently leased it to Bell Western Corp. Bell Western placed the property into production in early 1971 but operated for only six to nine months. Ore was mined from two shallow surface pits. Run-of-mine ore material was deposited into two unlined leach pads. Copper was apparently recovered by cementation. The operation supposedly failed due to lack of capital and expertise, and loss of solutions. Also during 1971, Bell Western started drilling several fairly deep core holes (RH-series). In 1973, Bell Western entered into a joint venture on the property with Phelps-Dodge (PD). PD geologically mapped the area and may have drilled some of the known RH-series holes (RH-1 through RH-8). PD was apparently looking for a large, deep, sulfide-type porphyry copper deposit.

On adjacent property to the south, Kaiser Cement acquired property in 1969 and subsequently drilled three deep core holes (KC-1, -5, and -10), with the primary focus on defining the source of an airborne EM anomaly located in Sections 2 and 3, T5S, R11E. In 1970, Quintana

Minerals staked claims and drilled one deep hole in Section 4, T5S, R11E to test for the possible covered continuation of outcropping mineralization in the Red Hills area to the north. This hole apparently never encountered bedrock.

Significant work on the property apparently ceased around 1974. Claims in the property were allowed to lapse and new claims in the area were located by Mr. Troy Ray. Mr. Ray held the claims until 1991 when they were declared abandoned by the US BLM. The area was then claimed by Gila Red Hills Mining, Ltd.

GEOLOGY AND MINERALIZATION

Most of the Red Hills area is underlain by Precambrian-age Oracle Granite. This rock type is widespread throughout central Arizona and is a favorable host rock for significant copper mineralization such as at the Poston Butte or Florence deposit. The Oracle Granite has been intruded by a Laramide-age(?) pyritic quartz monzonite stock within the center of the area of interest. A series of east-west trending and somewhat younger but co-magmatic dikes cut through both the Oracle Granite and the Laramide stock. The dikes appear to be generally steeply-dipping and follow pre-existing faults or fractures. Overall, the geologic setting of the area is very much like that at Poston Butte.

Examination of surface exposures and somewhat meager drill logs suggest that copper mineralization is predominantly controlled by fractures. Copper mineralization, either oxide or sulfide, is often accompanied by brecciated rock, quartz veining, pronounced wallrock alteration, and the introduction of significant amounts of iron oxides and/or sulfides. Quite often the mineralized zones also are adjacent to, within, or in close proximity to one of the various phases of east-west trending dikes. Available drilling records suggest significant oxidation to depths exceeding 750 feet.

PD mapping suggests that the most intense wallrock alteration is within the central part of Section 34 and spatially related to the eastern portion of the Laramide stock. However, the most obvious surface mineralization is within the eastern portion of Section 33 which, over an area averaging about 5,000 feet north-south and 2,000 feet east-west, has numerous areas of red, gossan-appearing rocks and abundant prospect pits and shafts exposing CuOx-bearing (chrysocolla and malachite) material.

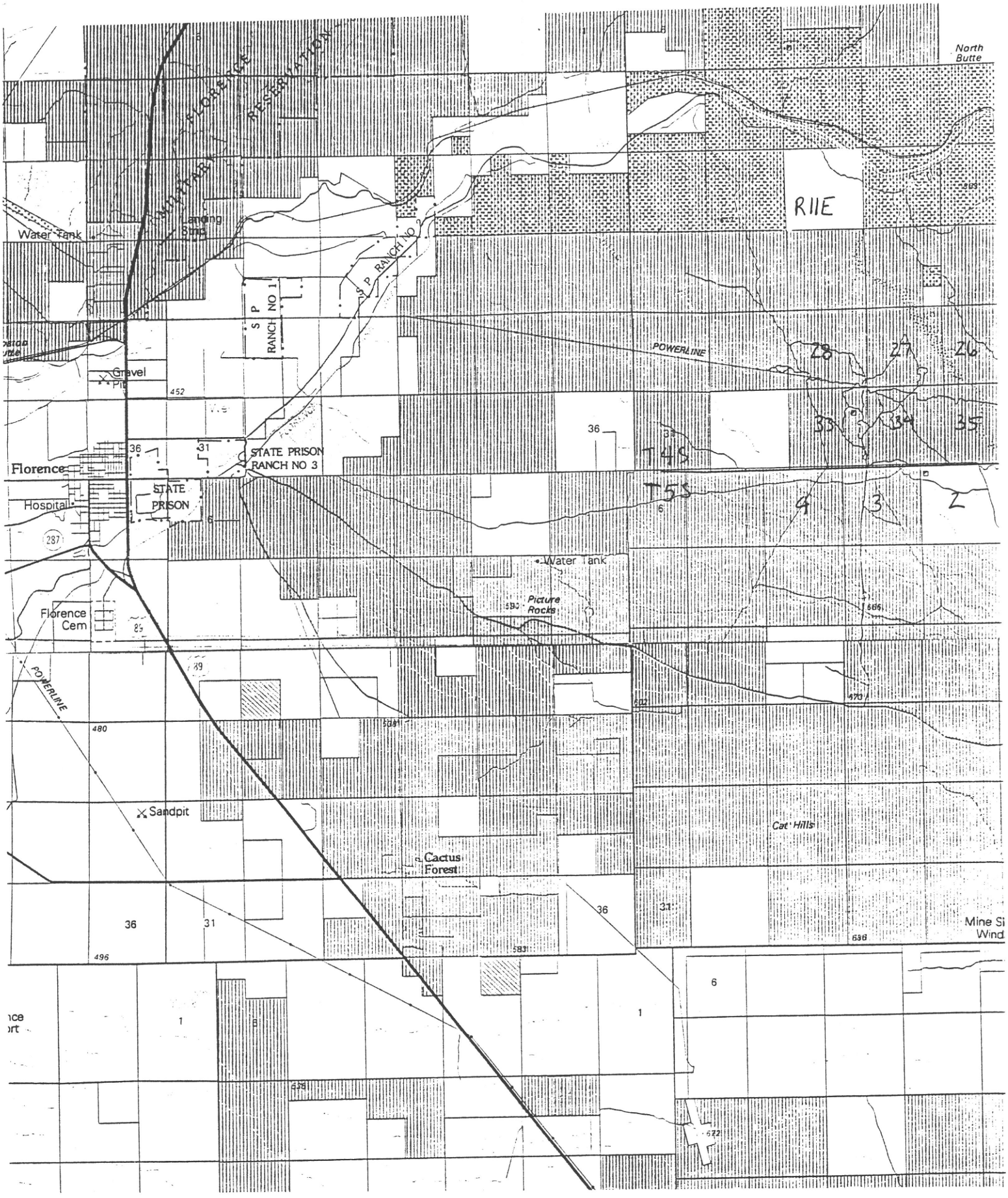
EXPLORATION

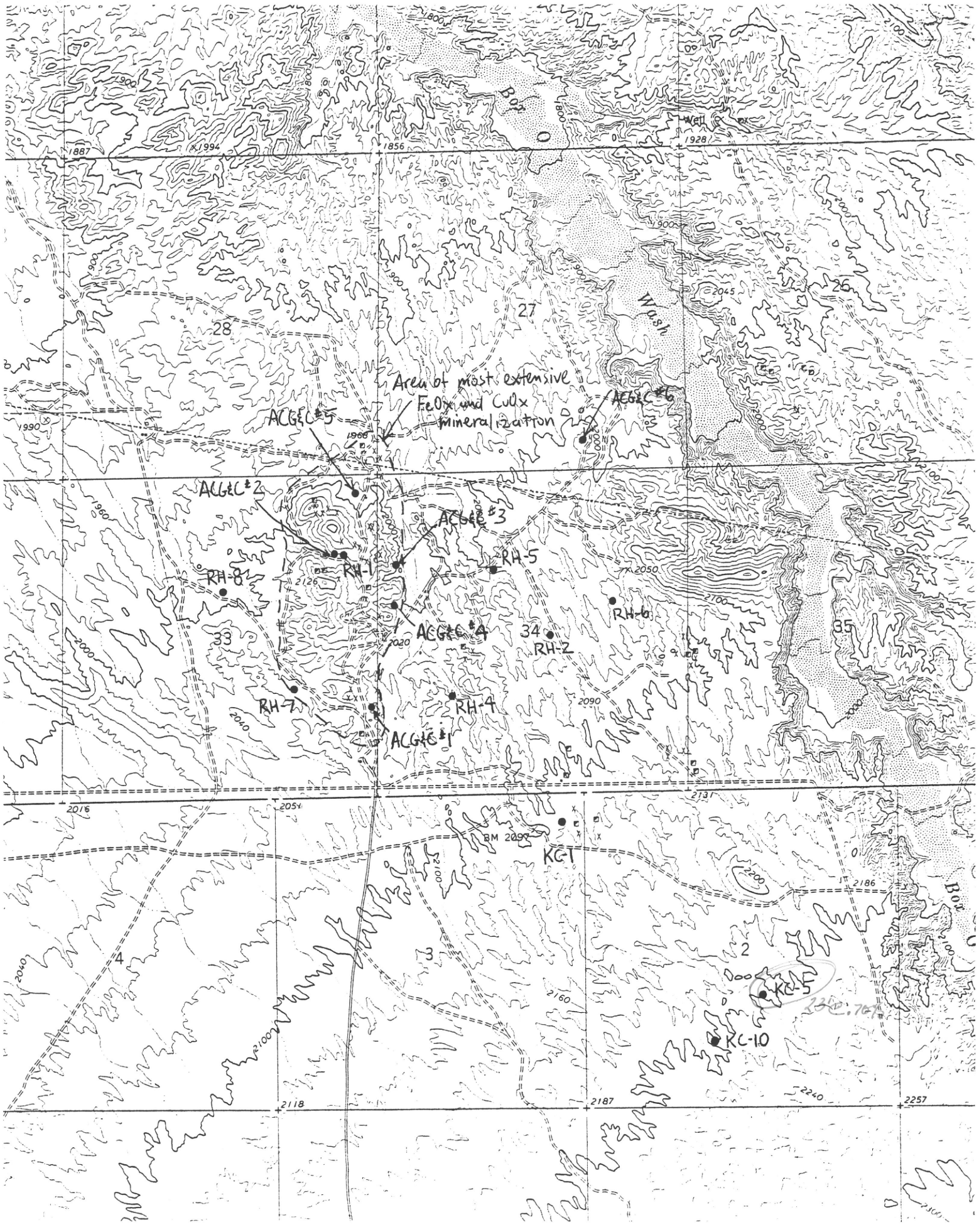
It appears that no systematic exploration of the property has ever been undertaken. Known drill hole locations are mostly peripheral to the most obvious mineralized area noted above and apparently were sited to test a very large, deeply buried porphyry copper target rather than a shallow, oxide-type deposit, which is our primary interest. The various geologic reports which are available for review provide little significant information upon which to readily evaluate the potential of the area for shallow, oxide-type mineralization. In addition, as stated above, most drill holes are peripheral to the most intensely mineralized area.

All known drill holes are tabulated below, with most holes being core holes. No core is known to exist.

Drill Hole	Date Drilled	Company	Depth	Log	Assays	Mineralization
ACG&CC #1	1949?	ACG&CC	395'	Yes	No	?
ACG&CC #2	1949?	ACG&CC	795'	Yes	No	?
ACG&CC #3	1949	ACG&CC	521'	Yes	No	?
ACG&CC #4	1949	ACG&CC	911'	Yes	No	?
ACG&CC #5	1949	ACG&CC	580'	Yes	No	?
ACG&CC #6	1949	ACG&CC	584'	Yes	No	?
All ACG&CC holes had very poor core recovery, typically <40%						
KC-1	1968	Kaiser	820'	Yes	Below 503 only	Yes, low grade
KC-5	1968	Kaiser	800'	Yes	Yes	Yes, 62-85', 0.70%
KC-10	1969	Kaiser	2,227'	Yes	No	No
RH-1	1972	Red Hills Mining	750'	Yes	Yes	Yes, 130-160', 0.17%
RH-2	1972	Red Hills Mining	2,473'	Yes	Yes	Yes
RH-3	1972?	PD?	?	No	No	?
RH-4	1972?	PD?	?	No	No	?
RH-5	1972?	PD?	?	No	No	?
RH-6	1972?	PD?	?	No	No	?
RH-7	1972?	PD?	?	No	No	?
RH-8	1972?	PD?	?	No	No	?

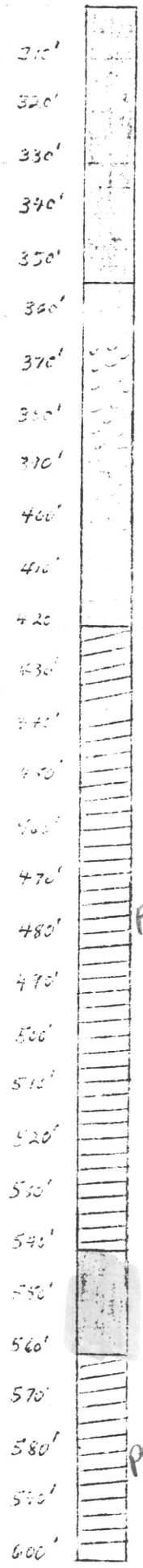
Known drill results are not sufficient to define any type of reserves and do not provide support for any step-out drilling.


North Butte
R11E
Water Tank
Landing Strip
S P RANCH NO 1
S P RANCH NO 2
POWERLINE
Gravel Pit
452
28
27
26
33
34
35
36
31
T4S
T5S
STATE PRISON RANCH NO 3
Florence
Hospital
STATE PRISON
287
Water Tank
Picture Rocks
Florence Cem
POWERLINE
480
Sandpit
Cactus Forest
Cat Hills
496
583
638
672
Mine Si
Wind


Area of most extensive Fe Ox and Cu Ox mineralization
ACG&C #5
ACG&C #6
ACG&C #2
ACG&C #3
ACG&C #4
ACG&C #1
RH-1
RH-2
RH-4
RH-5
RH-6
RH-7
RH-8
KC-1
KC-5
KC-10
Wash
BM 2092
27
28
26
33
34
35
4
3
2
1887
1994
1856
1928
1990
1968
2126
2020
2050
2090
2040
2131
2016
2054
2186
2118
2187
2240
2257
2160
2100
2045
1980
2000
1900
1800
2200

Diamond Drill Hole RH-1

	Core Rec.		Tot Cu	Cu
0'	30%	Overburden 0-4½'. Core Rec. Quartz monzonite porphyry with euhedral to anhedral quartz eyes up to ¼". Medium to fine grained groundmass. Weak to strong FeOx in form of hematite and goethite-limonite. Small blebs of magnetite. Weak to medium silicification and chloritization of feldspars. Phenocrysts obscure in places due to silicification-sericitization	30 PPM	10
10'	81%		10 PPM	5
20'	100%		5 PPM	<5
30'	100%		10 PPM	<5
40'	100%	Tuff grp	10 PPM	<5
50'	100%		low Cu values	
60'	90%		10 PPM	10
70'	97%		20 PPM	10
80'	78%	Good chilled zone in quartz monzonite porphyry @ 75' where contact is made with Pre-Cambrian "Oracle" granite. Granite very coarse-grained with orthoclase feldspars up to 1". Considerable patches of chlorite in granite throughout run (varies in degree)	85 PPM	70
90'	90%		higher Cu values	
100'	92%		80 PPM	70
110'	100%		120 PPM	100
120'	100%	peg	65 PPM	55
130'	70%	Driller says he hit water @ 126'	60 PPM	60
130'-160'/140'	20%	Chrysocolla - $CuSiO_3$ Slicks @ 137'. Very poor core recovery - sludge sample 130'-140' "hematitic sand"	190 PPM	165
150'	75%	Chrysocolla - $CuSiO_3$	-13%	-11
30'@.17%	48%		.25%	.25
160		Chrysocolla - $CuSiO_3$	.12%	.12
170	84%	Chrysocolla $CuSiO_3$ - weak	470 PPM	470
180'	68%		390 PPM	300
180'-200'/20'@.13%	25%	Chrysocolla - $CuSiO_3$ Sludge 186'-190' 0.11% Tot Cu 1050 PPM - CAC.	.16%	.1
190	21%	Sludge 192'-194' 990 PPM Cu 890 PPM CAC.	.13%	.12
200'	42%		820 PPM	820
210'	84%	Sludge 213'-215' 125 PPM Cu 110 PPM CAC Cu	210 PPM	210
220	84%		130 PPM	125
230'	78%		175 PPM	170
240'	87%		90 PPM	80
250'	99%	Good epidote @ 257.5'	140 PPM	125
260'	51%		100 PPM	80
270'	75%		120 PPM	110
280	70%	Comp. @ 281' where contact is made with porphyritic granodiorite (Cliz Dac to Porphyry) Good epidote in porphyry	120 PPM	105
290'	76%		100 PPM	90
300'		Qtz monzonite porphyry @ 295' Chill zone in qtz mons		



Core Rec.		Tot. Cu	Cx
55%	Fair to good sericite. Highly fractured. Weak to strong argillization.	35PPM	35
32%	Calcite seam @ 3' 4' Sludge Assay 314'-319' 190PPM Few pieces of porphyritic granodiorite (Qtz Diorite Porph.?) @	20PPM	15
54%	320.5' (good epidote). Sand-sludge 326.5' to 330' good magnetite in sand	40PPM	40
52%	Sand-sludge 333' to 335' and 334' to 340'. Few pieces of porphyritic granodiorite @ 335' (good epidote).	30 PPM	25
48%	Sand-sludge 343' to 346'. Good pieces of fault breccia 347' to 350'	40 PPM	40
58%	Contact with porphyritic granodiorite @ 353'. Good pieces of fault breccia 350' to 353'	175PPM	95
38%	Calcite 367.5'. Oxidized veinlet shows good boxwork after FeS_2	520PPM	365
60%	Calcite 376' & 379'	230 PPM	200
75%		130PPM	115
48%	Hematite-goethite vein 398'-399'	390'-396' → 270PPM	200
		396'-410' 290PPM	260
95%	Chlorite with calcite 418'-419'. 418'-419' fault breccia slicks @ 416'. Pre-cambrian "Oracle" granite @ 419'	320PPM	250
80%	Medium to strong argillization	280 PPM	190
67%	Strong fractures	300 PPM	220
49%	Strong fractures. Sludge only 440'-444'. Driller says he hit strong water flow @ 440'.	420 PPM	255
75%	Good remnant veinlets of pyrite	310 PPM	120
75%	Good boxwork after FeS_2	230 PPM	110
64%	Sludge 475.5' - 478'	220 PPM	130
89%		590 PPM	230
95%	MoS_2 (?) 497.5'	250PPM	165
82%	± 1/2" $S.O_2$ Vein @ 504'	300 PPM	180
93%	Definite FeS_2 517.5'	310 PPM	190
100%	Good FeS_2	230 PPM	150
100%	Chalcocite @ 531'	340 PPM	190
100%	Good chilled contact. Very pronounced drop in FeS_2	60 PPM	40
99%	Aplite 553', 555'-556' and 560'. Very little FeS_2	180 PPM	130
81%	Chalcocite and FeO_x after chalcocite	270 PPM	195
90%	Good FeS_2. MoS_2 @ 577', Some epidote.	360 PPM	230
81%	Sand & sludge 581.5'-587.5'. MoS_2 583.5'. Chalcopyrite.	355 PPM	320
91%	Good FeS_2. Aplite 596' 596.5'.	Sludge 590'-596' → 175 PPM	120
		230 PPM	200

	Core Rec		Tot. Cu	Ox.
	90%	Strong epidote. Fe ox after chalcocite, MoS_2 @ 603'.	315 PPM	265
	76%	Significant absence of FeS_2. Aplite 619'-620'.	135 PPM	95
	100%	Aplite 620'-623.5', 625.5'-626' and 628'-629'	155 PPM	70
	95%	Good FeS_2. Chalcopyrite(?).	190 PPM	140
	79%	MoS_2 @ 648.5'.	250 PPM	160
	100%	Good FeS_2 veinlets	230 PPM	140
pcg	100%	Medium - strong argillization. Chalcopyrite(?) @ 666'.	980 PPM	580
	97%	Very little FeS_2. Strong epidote. Change in rock texture.	205 PPM	110
	89%	Strong silicification 681'-690', MoS_2(?) @ 685'	135 PPM	70
	65%	Sand 693'-696'. 1/4" SiO_2 vein @ 692'.	230 PPM	160
	100%	Aplite 700'-700.8'. No FeS_2.	170 PPM	170
porph. granodiorite	100%	Large quartz and feldspar phenocrysts	~~20~~ PPM	~~20~~
	100%		5 PPM	5
	95%		5 PPM	5
	100%	Texture of rock almost equigranular	-5 PPM	-5

Core hole RH-1

Diamond Drill Hole RH-1

DRILL HOLE #1 DATE DRILLED: 1/3/?? LOCATION: 350' Due W of Mexican Shaft thence 600' Due North TOTAL DEPTH: 750'

INTERVAL	CORE REC.	DESCRIPTION	MINERALIZATION FeS₂	FeOx	CuOx	CuS	Tot. Cu Ft.	A.C. Tot.	A.C. Ft.
0-10	36%	Overburden first 4 feet, 0% recovery. Quartz monzonite porphyry with euhedral to anhedral quartz eyes up to 1/8", medium to fine grained groundmass. Small books of mica present (probable sericitization of feldspar?). Weak to medium argillization of feldspars. Some possible chlorite (or garnet or magnetite?) noted at 4',5' and 9'. Several iron stained fractures and blebs of hematite and magnetite.		w-m		x?	20	10	
10-20	81%	Ditto above, but sericitization and chloritization stronger.		w-m		x?	10	5	
20-30	100%	Ditto above, phenocrysts not well defined due to alteration, several fracture zones.		w-m			5	-5	
30-40	100%	Ditto above.		w-m			10	-5	
40-50	100%	Ditto above.		w-m			10	-5	
50-60	90%	Ditto above, strong fracture zone 55'-56'. Alteration (sil. & ser.) obscuring feldspar phenocryst outline.		w-m			10	10	
60-70	92%	Ditto above, strong fracture at 67'.		w-m			20	10	
70-80	72%	Ditto above to 75'. At 75' contact is made with Pre-cambrian porphyritic granite (Oracle? granite). Excellent chilled contact exhibited in qtz. mon. porph., very fine grained at contact (porphyry horsetails into granite). Strong chlorite-sericite at 79.5', gives rock "salt & pepper" appearance. Granite is coarse grained and contains considerable patches of chlorite (much larger than those in porph.). Chlorite to sericite ratio much higher in granite. Granite highly fractured.		m-s			85	70	
80-90	90%	Coarse grained Pre-cambrian granite, ditto above		s			80	70	
90-100	92%	Ditto above.		s			120	100	
100-110	100%	Ditto above, considerably less fracturing and less FeOx. Strong fract. at 110'. Texture well defined.		m-s			65	55	
110-120	100%	Ditto above, but stronger FeOx.		s			60	60	
120-130	70%	Ditto above, feldspars highly altered in numerous places. Driller says he hit water at 126'		s			190	165	

INTERVAL	CORE REC.	DESCRIPTION	MINERALIZATION FeS_2	FeOx	CuOx	CuS	Tot.Cu PPM	Ox.Cu PPM	MoS_2 PPM
130-140	20%	Ditto above, coarse grained (porphyritic) Pre-cambrian granite. Only 1 ft. of core recovered from 130-136. One piece of core at 131'(?) shows good chrsycolla($CuSiO_3$). Took sludge sample from 136'-140' due to poor recovery. Slickensides at 137'. Very strong hematite and whole zone highly fractured. Strong argillization of feldspars.	s	x			.13%	.11%	
			130'-136'	sludge			400	330	
			136'-140'	core			750	750	
140-150	78%	Ditto above. Strong chloritization and sericitization. Good chrsycolla from 146'-150'. Strong fracture zones at 142', 144' and 145'. CuOx fills small fractures as a fine coating.	m-s	x			.25%	.25%	
150-160	98%	Ditto above. Core very competent for entire run. Much less alteration than previous run. Feldspars(microcline?) have "brick red" color from 154'-160'. Chrsycolla visible in 150'-152' interval. Small amount of epidoto which has also been seen in previous runs.	m-s	x			.12%	.12%	
160-170	84%	Ditto above. Very little CuOx observed(some at 168'). Strong fractures at 162', 165' and 166'.	m	x			470	470	
170-180	68%	Ditto above. Strong fractures at 171', 173' and 178'. Strong sericite in places. CuOx(?).	m	x?			390	360	
180-190	25%	Ditto above. Chrsycolla at 185'(some cuprite?). FeOx after chalcocite(?) at 183.5'. Moderate silicification 184'-185'. No core 186'-190' only hematite sand.	m-s	x			.16%	.15%	
			186'-190'	sludge			.11%	.105%	
190-200	29%	Ditto above. Hematite sand and small broken pieces of core 190'-194'. Competent rock 195'(?)-200'.	m	x			.13%	.12%	
			1928-194'	sludge			990	890	
200-210	42%	Ditto above. Strong fractures at 203' and 208'-210'. Very fresh granite in most places.	w-m				820	820	
210-220	84%	Ditto above. Strong fractures at 210', 215' and 219'. Specularite hematite at 214'. Numerous blebs and veinlets of hematite and magnetite have been seen in all core up to this point. Considerable chlorite but granite appears very fresh. Moderate silicification 213'-215'.	m				210	210	
			213'-215'	sludge			125	110	
220-230	84%	Ditto above. Strong fractures 220' and 223'. Minor epidote.	m				130	125	

9920

INTERVAL	CORE REC.	DESCRIPTION	MINERALIZATION FeS_2	FeOx	CuOx	CuS	Tot.Cu PPM	Ox.Cu PPM	MoS_2 PPM
230-240	98%	Ditto above. Strong fracture at 232'.		w-m			170	170	
240-250	89%	Ditto above. Weak to moderate fractures.		w-m			90	80	
250-260	99%	Ditto above. Weak argillization of feldspars in few spots. Good chlorite as in previous runs. Strong epidote at 257.5'.		w-m			140	125	
260-270	51%	Ditto above. Strongly fractured most of run.		m-s			100	80	
270-280	75%	Ditto above.		m-s			120	110	
280-290	70%	Ditto above to 281', at this point contact is made with porphyritic granodiorite(quartz diorite porphyry?). Fault contact, strongly hematitic gouge at 281'. Considerable epidote in porphyry. Moderate to strong argillization of feldspars. Nearly whole run small pieces of core highly fractured. Very small piece of $CuSiO_3$ at 289'. Good biotite in porphyry that appears to be primary(?).		w-m			120	105	
290-300	76%	Porphyritic granodiorite as above to 298'. Contact with quartz monzonite porphyry at 298'. Same porphyry as at start of hole. Quartz monzonite porphyry exhibits chilled contact indicating it is younger than granodiorite. Good epidote in granodiorite but none in quartz monzonite to speak of. Feldspars in quartz monzonite porphyry moderately to strongly argillized. Whole run highly fractured with gouge in places. Sericite in quartz monzonite porphyry.		w-m			100	90	
300-310	55%	Medium grained quartz monzonite porphyry, fair to good sericite. appears to be some remnants of pyrite in piece of core at 303', altering to hematite. Entire run highly fractured. Weak to strong argillization.		w-m			35	35	
310-320	32%	Ditto above. Groundmass has greenish cast(chlorite-sericite?) giving rock different appearance from same porphyry earlier in hole. Good bipyramidal quartz eye at 319' ± 1/2". Considerable sericite-chlorite. Calcite seam at 314'.		w			20	15	
			314'-319' sludge				190	190	
320-330	54%	Ditto above . Strongly fractured 322'-330'. Sand and sludge from 326.5' to 330'. Few pieces of porphyrytic granodiorite at 320.5'(good epidote). Dendrites at 322', either psilomelane or pyrolusite. Strong magnetite in sand.		w			40	40	

DRILL HOLE #1

INTERVAL	CORE REC.	DESCRIPTION	MINERALIZATION FeS2	FeOx	CuOx	CuS	Tot.Cu PPM	Ox.Cu PPM	FeS2 PPM
330-340	52%	Ditto above. Entire run strongly fractured. Sand and sludge 333'-335' and 339'-340'. Few pieces of porphyritic granodiorite at 335' (good epidote).		w			30	25	
340-350	48%	Ditto above. Sand and sludge 343'-346'. Good pieces of fault breccia 347'-350'.		w-s			40	40	
350-360	58%	Ditto above. Fault breccia 350'-353'. Porphyritic granodiorite(quartz diorite porphyry?) 353'-360', strongly fractured. Weak FeOx in granodiorite.		w-s			175	95	
360-370	38%	Strongly fractured porphyritic granodiorite. Sludge 364'-367'. Minor calcite at 367.5'. Strongly oxidized veinlets at 367' exhibit good boxwork structure after pyrite (FeOx is goethite). Porphyry strongly bleached at 367'. Weak to strong argillization of feldspars.		w-s			520	365	
370-380	60%	Ditto above(no veinlets). Sludge 372'-373'. Calcite at 376' and 379'.		w-s			230	200	
380-390	75%	Ditto above. Strong argillization in most places. Sludge-sand 386'-390'.		w-s			130	115	
390-410	48%	Ditto above. Core splitter dropped box and scrambled all core and footage blocks. Sand and sludge 392'-396'(?). Solid hematite-goethite vein 398'-399'(?). Appears to be few pieces of Pre-cambrian granite at 404'(?). From 409'-410' is a pale green fine to medium grained rock. Probably granodiorite that has been highly altered(sericite-chlorite, etc. associated with faulting).		w-s					
							390'-396'	270	200
							396'-410'	290	260
410-420	95%	410'-417' same rock as described above from 409'-410'. From 417'-419' is solid chlorite with calcite. Strong FeOx fault breccia 418'-419'. Slickensides at 416'. Pre-cambrian porphyritic granite 419'-420', medium argillization.		w			320	250	
420-430	80%	Medium to strongly argillized Pre-cambrian granite. Good chlorite as is typical of this rock on surface and in previous core. Very little fresh pink feldspar. Few pieces of granodiorite at 425.5'(probably cave material off sides of hole).		w			280	190	

2 2/5

DRILL HOLE #1

INTERVAL	CORE REC.	DESCRIPTION	MINERALIZATION FeS_2	FeOx	CuOx	CuS	Tot.Cu PPM	OxCu PPM	MoS_2 PPM
430-440	67%	Ditto above. Strongly fractured entire run.		w-m			300	220	
440-450	49%	Ditto above, strongly fractured plus moderately strong FeOx. Sludge only(primarily Bentonite?) 440'-444'. Driller says he hit fairly strong flow of water at 440'. Hole caving badly.		m-s			420	255	
450-460	75%	Ditto above, medium to strong argillization. Much more competent than previous runs.Good remnant veinlets of pyrite(?). Strong sericite associated with veinlets. Few pieces of granodiorite porphyry at 453' and 456'. Possible pyrite remnants at 458'.	x(?)	m-s			310	120	
460-470	75%	Ditto above. Good specularite hematite as has been observed in numerous other places in previous runs. Good box-work structure after FeS_2. Piece of rock at 469'(Salt and Pepper rock) has yellowish mineral that could be clay alteration product jarosite(?) or tungsten mineral powellite(?).		w-m			280	110	
470-480	64%	Ditto above. Sludge 475.5'-478'. Rock strongly altered at 475' (silicification). Pyrite (?) remnant at 473'.	x(?)	w-m			220	130	
480-490	89%	Ditto above. Good quartz-sericite-pyrite(?) veinlets as in previous three 10' runs. Considerable of yellowish-green mineral described 460'-470'. Appears to be remnant FeS_2 at 482' and 489.5'. Granite fresh in places.	x(?)	w			590	230	
490-500	95%	Ditto above. Very fresh granite most places. Moly or galena at 497.5', possibly specularite hematite but couldn't get good streak test.		w			250	165	
500-510	82%	Ditto above,much more alteration. Numerous hairline veinlets of FeOx after pyrite. - 1/2" quartz vein at 504'.		w-m		x?	300	180	10
510-520	93%	Ditto above. Good alteration of granite, quartz-sericite-pyrite veinlets (fresh in places). Strong fracture at 517'. Definite pyrite at 517.5' (chalcopyrite?) some possible chalcocite.	x	w-m		x?	310	190	4
520-530	100%	Ditto above. Pyrite observed in several places. Strong fracture at 523'. Good veinlets.	x	w-m		x?	230	150	3
530-540	100%	Ditto above. Chalcocite at 531'(magnet wouldn't pick up small fragment).	x	w-m		x	340	190	2

INTERVAL	CORE REC.	DESCRIPTION	MINERALIZATION FeS_2	FeOx	CuOx	CuS	Tot. Cu PPM	OxCu PPM	FeS_2 PPM
540-550	100%	Ditto above to 541'. At 541' contact (good chilled zone for 1-2 ft.) is made with quartz monzonite porphyry. Porphyry has numerous quartz-sericite-FeOx veinlets. Very pronounced drop in presence of pyrite. Weak to strong argillization of feldspars.	x	m-s			60	40	8
550-560	99%	Very fine grained aplite(chilled quartz monzonite porphyry?) with pieces of Pre-cambrian granite at 553', 555'-556', and 560'. Could be aplite is strongly altered (silicified) Pre-cambrian granite? Minute FeS_2 seen in the run-essentially none. However, good quartz-sericite-FeOx veinlets are present.	x	m-s			180	130	6
560-570	81%	Medium to coarse grained Pre-cambrian granite with numerous quartz-sericite-pyrite veinlets. Good biotite. Most of FeS_2 has been strongly oxidized. Good indication some of FeOx is after chalcocite (clinker or shaggy looking FeOx). Definite chalcocite seen in core. Fractures at 561.5' and 570'. Medium to strong argillization of K-spars. Manganese oxide in places.	x	w-m		x	270	195	6
570-580	90%	Ditto above except much more fresh FeS_2. MoS_2 at 577'. Some epidote.	x	w-m		x?	360	230	1
580-590	81%	Ditto above. Sand and sludge 586.5'-587.5'. Piece of core at 583.5' has definite MoS_2 and probable chalcopyrite and bornite. Some chalcocite seen in core. Powellite(?) at 589' (canary yellow mineral).	x	m		x	355	320	6
				580'-590' sludge			175	120	6
590-600	91%	Ditto above. Some fine grained aplite 596'-596.5'. Questionable MoS_2 and chalcocite. Some epidote.	x	w-m		x?	230	200	-1
600-610	90%	Ditto above. Excellent epidote at 601'. Good FeOx after chalcocite(?) at 604'. Strong fracture 603.5'-604'. Good MoS_2 at 603'.	x	m-s		x?	315	265	7
610-620	76%	Ditto above. Noticeable absence of pyrite. Good silicification and destruction of feldspars 619'-620' (aplite?).	x	w-m			135	95	9
620-630	100%	Ditto above. Aplite 620'-623.5', 625.5'-626' and 628'-629'.	x	m			155	70	6
630-640	95%	Ditto above. Few pieces aplite. Good FeS_2. Few pieces porphyritic granodiorite at 635'(from hole cave?). Questionable chalcopyrite.	x	w-m		x?	190	140	9

INTERVAL	CORE REC.	DESCRIPTION	MINERALIZATION FeS2	FeOx	CuOx	CuS	Tot.Cu PPM	OxCu PPM	MoS2 PPM
640-650	79%	Ditto above. Strong fracture 640'-642'. Rock very fresh in several places.	x	w			250	160	3
650-660	100%	Ditto above. Considerable pyrite in veinlets. Veinlet at 655' shows good copper-manganese mineralization (acid test) and possibly some chalcocite. Excellent FeS_2-SiO_2-sericite veinlets.	x	w		x?	230	140	9
660-670	100%	Ditto above. Medium to strong argillization of feldspars. Strong chlorite after biotite in places. Piece of bornite-chalcopyrite(?) at 666'. Strong goethite, hematite and montmorillonite(?) or jarosite(?) at 668'.	x	w		x?	980	580	9
670-680	97%	Ditto above. Very significant drop in pyrite from previous two runs-essentially none visible. Strong epidote in places, minor epidote has been seen in previous runs. Granite has definite different texture from very coarse grained "Oracle" granite seen in earlier part of hole. Dr. Chinn thinks it is possibly separate granite intrusion but could be some phase of the Oracle (propably is).	x	w			205	110	4
680-690	89%	Ditto above. Essentially no pyrite. Strong silicification 681'-690'. MoS_2 at 683'(?).	x	w+			135	70	2
690-700	65%	Ditto above. No core 693'-696', only quartz-feldspar-hematite sand (fault). Few pieces of granodiorite at 696', probably from hole caving. 1/4" quartz vein at 692'.	x?	w+			230	160	6
				693'-696' sludge			135	70	4
700-710	100%	Ditto above to 705'. Medium to strong argillization of feldspars in granite. Aplite 700'-700.8'. Porphyritic granodiorite starts at 705', no good contact seen with granite. Groundmass in porphyry is very pale gray-green color and much different looking from granodiorite seen in earlier part of hole (290') in that the earlier porphyry had a very black (due to biotite and hornblende?) groundmass. Granodiorite highly fractured and fractures have soapy feeling to them. Minor FeOx in granodiorite. No pyrite seen in run.		m			170	170	-1
710-720	100%	Porphyritic granodiorite ditto above. 3/8" to 1/2" phenocrysts of quartz and K-spar. Biotite altering to chlorite and sericite, epidote(?). Weak to medium argillization of feldspars; some magnetite and Mn dendrites. Probable hornblende-		nil			20	20	2

marked drop in Cu content

INTERVAL	CORE REC.	DESCRIPTION	MINERALIZATION FeS2	FeOx	CuOx	CuS	Tot.Cu PPM	OxCu PPM	FeS2 PPM
730-730	100%	Ditto above. Some phenocrysts of feldspar up to 3/4" with inclusions of quartz and chlorite (secondary?).		nil			5	5	-1
730-740	95%	Ditto above.		nil			5	5	-1
740-750	100%	Ditto above. Somewhat of a textural change, rock almost equigranular in places.	?	nil			-5	-5	-1

Lost rods in hole for second time at 750' due to cave material cutting them in half. Stopped hole but Rocky Mountain Geochemical agreed to deepen the hole at a later date by casing hole with BX rods and then continuing downward with AX wireline.

Alteration exhibited in hole seems to fit perfectly the propylitic facies of alteration described in porphyry copper literature. Therefore, this hole would be on the fringe of an orebody if one exists. Some of the alteration seen in the core would also fit into the argillic facies of alteration and quartz-pyrite-sericite alteration proposed by others.

FeOx notations in log stand for:

w- weak iron oxide

m- average or medium iron oxide

s- strong iron oxide

Diamond Drill Hole RH-1

Rocky Mountain Geochemical Corporation

2050 EAST 14TH STREET
TUCSON, ARIZONA 85719

Phone 622-5702
Area Code: 602

CERTIFICATE OF ANALYSES

Date: January 8, 1972

Client: Red Hills Mining & Exploration Co.
1009 Pinal
Florence, Arizona 85232

Report on: 5 Samples

Submitted by: Mr. Kennedy

Date Received: January 5, 1972

Analysis: Copper, Copper Oxide

Remarks: All results were determined by atomic absorption.
Job No. 71-1-5T Invoice No. TU-2290
cc: Inc.
RMGC: SLC
file
MH:rg

Sample No.	ppm Copper	ppm Copper Oxide
Hole #1		
4'-10'	20	10
10'-20'	10	5
20'-30'	5	<5
30'-40'	10	<5
40'-50'	10	<5

ROCKY MOUNTAIN GEOCHEMICAL CORPORATION

Tucson, Arizona January 8, 1972

By _____
Martin H. Hibbetts

71-1-5T

ND = Non Detected 1 ppm = 0.0001% 1 Troy oz./ton = 34.28 ppm % Mo. x 1.6683 = $\%MoS_2$

Rocky Mountain Geochemical Corporation

2050 EAST 14TH STREET
TUCSON, ARIZONA 85719

Phone 622-5702
Area Code: 602

CERTIFICATE OF ANALYSES

Date January 8, 1972

Client Red Hills Mining & Exploration Co.
1009 Pinal
Florence, Arizona 85232

Report on: 6 Samples

Submitted by: Mr. Kennedy

Date Received: January 6, 1972

Analysis: Copper and Copper Oxide

Remarks: Results determined by atomic absorption.

Job No. 72-1-9T Invoice No. TU-2893
cc: Enc.
RMGC: SLC
file
MHH:rg

Sample No.	ppm Copper	ppm Copper Oxide
Hole #7		
50'- 60'	10	10
60'- 70'	20	10
70'- 80'	85	70
80'- 90'	80	70
90'-100'	120	100
100'-110'	65	55

ROCKY MOUNTAIN GEOCHEMICAL CORPORATION

Tucson, Arizona January 8, 1972

By _____
Martin H. Hibbetts

ND = Non Detected 1 ppm = 0.0001% 1 Troy oz./ton = 34.28 ppm % Mo. x 1.6683 = $\%MoS_2$

Rocky Mountain Geochemical Corporation

2050 EAST 14TH STREET
TUCSON, ARIZONA 85719

Phone 622-5702
Area Code: 602

CERTIFICATE OF ANALYSES

Date January 17, 1972

Client Red Hills Mining & Exp. Co.
1009 Pinal
Florence, Arizona

Report on: 3 Sample

Submitted by: Mr. D. Kennedy

Date Received: January 10, 1972

Analysis: Copper and Copper Oxide

Remarks: All results were determined by atomic absorption.

Job No. 72-1-12T Invoice No. TU-2902
cc: Inc.
NMGC: SLC
file
MHH:rg

Sample No.	ppm Copper	ppm Copper Oxide
RH#1 110-120	60	60
120-130	190	165
130-136	400	330

ROCKY MOUNTAIN GEOCHEMICAL CORPORATION

Tucson, Arizona January 17, 1972

By _____
Martin H. Hibbetts

ND = Non Detected 1 ppm = 0.0001% 1 Troy oz./ton = 34.28 ppm % Mo. x 1.6683 = $\%MoS_2$

Sample No.	ppm Copper	ppm Copper Oxide
RH#1 136-140	75	750
" 130-140	+1000=0.13%	+1000=0.11%
" 140-150	+1000=0.25%	+1000=0.25%
" 150-160	+1000=0.12%	+1000=0.12%
" 160-170	430	470
" 170-180	360	390
" 180-190	+1000=0.16%	+1000=0.15%
" 190-200	+1000=0.13%	+1000=0.12%
RH#1 200-210	765	820

ROCKY MOUNTAIN GEOCHEMICAL CORPORATION

Tucson, Arizona January 18, 1972

By_____

Martin H. Hibbetts

Rocky Mountain Geochemical Corporation

2050 EAST 14TH STREET
TUCSON, ARIZONA 85719

Phone 622-5702
Area Code: 602

CERTIFICATE OF ANALYSES

Date January 19, 1972

Client Red Hills Mining & Exp. Co.
1009 Pinal
Florence, Arizona

72-1-32T

Report on: 8 Samples

Submitted by: Mr. D. Kennedy

Date Received: January 17, 1972

Analysis: Copper and Copper Oxide

Remarks: All results were determined by atomic absorption.
Job No. 72-1-32T Invoice No. TU-2910
cc: Inc.
RMGC: SLC
file
MHH:rs

Sample No.		ppm Copper	ppm Copper Oxide
TH1	210-220	210	210
"	220-230	120	125
"	230-240	170	170
"	240-250	90	80
"	250-260	140	125
"	260-270	100	80
"	270-280	120	110
TH1	280-290	120	105

ROCKY MOUNTAIN GEOCHEMICAL CORPORATION

Tucson, Arizona January 19, 1972

By _____
Martin H. Hibbetts

ND = Non Detected 1 ppm = 0.0001% 1 Troy oz./ton = 34.28 ppm % Mo. x 1.6683 = $\%MoS_2$

Rocky Mountain Geochemical Corporation

2050 EAST 14TH STREET
TUCSON, ARIZONA 85719

Phone 622-5702
Area Code: 602

CERTIFICATE OF ANALYSES

Date January 20, 1972

Client Rod Hills Mining & Exploration Co.
1009 Final
Florence, Arizona

Report on: 2 Core, 1 Sludge

Submitted by: Mr. D. Kennedy

Date Received: January 19, 1972

Analysis: Copper and Copper Oxide

Remarks: All results were determined by atomic absorption.

72-1-34f

Job No. 72-1-34f Invoice No. TU-2911
cc: RMGC: SLC
Enc.
File
MHH:rg

Sample No.	ppm Copper	ppm Copper Oxide
Hole 290-300	100	90
" 300-310	35	35
" 314-319 (sludge)	190	190

ROCKY MOUNTAIN GEOCHEMICAL CORPORATION

Tucson, Arizona January 20, 1972

By_____
Martin H. Hibbetts

ND = Non Detected 1 ppm = 0.0001% 1 Troy oz./ton = 34.28 ppm % Mo. x 1.6683 = $\%MoS_2$

Rocky Mountain Geochemical Corporation

2050 EAST 14TH STREET
TUCSON, ARIZONA 85719

Phone 622-5702
Area Code: 602

CERTIFICATE OF ANALYSES

Date January 25, 1972

Client Red Hills Mining & Exploration Co.
1009 Pinal
Florence, Arizona

Report on: 2 Samples

Submitted by: Mr. D. Kennedy

Date Received: January 19, 1972

Analysis: Copper and Copper Oxide

Remarks: All results were determined by atomic absorption.

72-1-37T

Job No. 72-1-37T Invoice No. TU-2924
cc: Enc.
RMGC: SLC
file
MHH: rg

Sample No.	ppm Copper	ppm Copper Oxide
RH#1 310-320	20	15
RH#1 320-330	40	40

ROCKY MOUNTAIN GEOCHEMICAL CORPORATION

Tucson, Arizona January 25, 1972

By_____
Martin H. Hibbetts

ND = Non Detected 1 ppm = 0.0001% 1 Troy oz./ton = 34.28 ppm % Mo. x 1.6683 = $\%MoS_2$

Rocky Mountain Geochemical Corporation

2050 EAST 14TH STREET
TUCSON, ARIZONA 85719

Phone 622-5702
Area Code: 602

CERTIFICATE OF ANALYSES

Date January 26, 1972

Client Red Hills Mining & Exp. Co.
P.O. Box 611
1009 Pinal
Florence, Arizona 85232

Report on: 2 Samples

Submitted by: Mr. Don Kennedy

Date Received: January 21, 1972

Analysis: Copper and Copper Oxide

Remarks: All results were determined by atomic absorption.

72-1-40T

Job No. 72-1-40T Invoice No. TU-2926
cc: Enc.
RMGC: SLC
file
MHH:rg

Sample No.	ppm Copper	ppm Copper Oxide
RH#1 330-340	50	25
RH#1 340-350	40	40

ROCKY MOUNTAIN GEOCHEMICAL CORPORATION

Tucson, Arizona January 26, 1972

By_____
Martin H. Hibbetts

ND = Non Detected 1 ppm = 0.0001% 1 Troy oz./ton = 34.28 ppm % Mo. x 1.6683 = $\%MoS_2$

Rocky Mountain Geochemical Corporation

2050 EAST 14TH STREET
TUCSON, ARIZONA 85719

Phone 622-5702
Area Code: 602

CERTIFICATE OF ANALYSES

Date January 26, 1972

Client
Red Hills Mining & Exp. Co.
P.O. Box 611
1009 Pinal
Florence, Arizona 85232

Report on: 7 Samples

Submitted by: Mr. Don Kennedy

Date Received: January 24, 1972

Analysis: Copper and Copper Oxide

Remarks: All results were determined by atomic absorption.
Job No. 72-2-1T Invoice No. TU-2927
cc: Enc.
RMGC: SLC
file
MHH:rg

Sample No.		ppm Copper	ppm Copper Oxide
RH#1	350-360	175	95
"	360-370	525	365
"	370-380	250	200
"	380-390	130	115
"	186-190S*	+1000=0.11%	1050
"	192-194S	990	890
RH#1	213-215S	125	110

*S indicates that the samples are sludge samples, not core.

ROCKY MOUNTAIN GEOCHEMICAL CORPORATION

Tucson, Arizona January 26, 1972

By _____

Martin H. Hibbetts

ND = Non Detected 1 ppm = 0.0001% 1 Troy oz./ton = 34.28 ppm % Mo. x 1.6683 = $\%MoS_2$

Rocky Mountain Geochemical Corporation

2050 EAST 14TH STREET
TUCSON, ARIZONA 85719

Phone 622-5702
Area Code: 602

CERTIFICATE OF ANALYSES

Date February 2, 1972

Client Red Hills Mining & Exp. Co.
P.O. Box 611, 1009 Pinal
Florence, Arizona 85232

Report on: 2 Samples

Submitted by: Mr. Don Kennedy

Date Received: January 26, 1972

Analysis: Copper and Copper Oxide

Remarks: All results were determined by atomic absorption.

Job No. 72-2-9T Invoice No. TU-2940

cc: Enc.
RMGC: SLC
file
MHH:rg

Sample No.	ppm Copper	ppm Copper Oxide
RH#1 [illegible]-396	270	200
RH#1 396-410	290	260

ROCKY MOUNTAIN GEOCHEMICAL CORPORATION

Tucson, Arizona February 2, 1972

By_____
Martin H. Hibbetts

ND = Non Detected 1 ppm = 0.0001% 1 Troy oz./ton = 34.28 ppm % Mo. x 1.6683 = $\%MoS_2$

Rocky Mountain Geochemical Corporation

2050 EAST 14TH STREET
TUCSON, ARIZONA 85719

Phone 622-5702
Area Code: 602

CERTIFICATE OF ANALYSES

Date February 2, 1972

Client Red Hills Mining & Exp. Co.
P.O. Box 611, 1009 Pinal
Florence, Arizona 85232

Report on: 3 Samples

Submitted by: Mr. Don Kennedy

Date Received: January 27, 1972

Analysis: Copper and Copper Oxide

Remarks: All results were determined by atomic absorption.

Job No. 72-2-12T Invoice No. TU-2941
cc: Inc.
RMGC: SLC
file
MHH:rg

Sample No.		ppm Copper	ppm Copper Oxide
RH#1	410-420	320	250
"	420-430	280	190
RH#1	430-440	300	220

ROCKY MOUNTAIN GEOCHEMICAL CORPORATION

Tucson, Arizona February 2, 1972

By _____
Martin H. Hibbetts

ND = Non Detected 1 ppm = 0.0001% 1 Troy oz./ton = 34.28 ppm % Mo. x 1.6683 = $\%MoS_2$

Rocky Mountain Geochemical Corporation

2050 EAST 14TH STREET
TUCSON, ARIZONA 85719

Phone 622-5702
Area Code: 602

CERTIFICATE OF ANALYSES

Date February 4, 1972

Client Red Hills Mining Corp.
P.O. Box 611, 1009 Pinal
Florence, Arizona 85232

Report on: 3 Samples

Submitted by: Mr. Don Kennedy

Date Received: January 28, 1972

Analysis: Copper and Copper Oxide.

Remarks: All results were determined by atomic absorption.

Job No. 72-2-15T Invoice No. TU-2947

cc: Inc.
RMGC: SLC
file
MHH:rg

Sample No.	ppm Copper	ppm Copper Oxide
RH#1 440-450	420	295
" 450-460	310	120
RH#1 460-470	280	110

ROCKY MOUNTAIN GEOCHEMICAL CORPORATION

Tucson, Arizona February 4, 1972

By _____
Martin H. Hibbetts

ND = Non Detected 1 ppm = 0.0001% 1 Troy oz./ton = 34.28 ppm % Mo. x 1.6683 = $\%MoS_2$

Rocky Mountain Geochemical Corporation

2050 EAST 14TH STREET
TUCSON, ARIZONA 85719

Phone 622-5702
Area Code: 602

CERTIFICATE OF ANALYSES

Date February 4, 1972

Client Red Hills Mining Corp.
P.O. Box 611, 1009 Pinal
Florence, Arizona 85232

Report on: 9 Samples

Submitted by: Mr. Don Kennedy

Date Received: February 1, 1972

Analysis: Copper, Molybdenum, and Copper Oxide.

Remarks: Molybdenum determined colorimetrically. All others determined by atomic absorption.
Job No. 72-2-26T Invoice No. TU-2949
cc: Enc.
RHCC: SLC
file
MHH:rg

Sample No.		ppm Copper	ppm Molybdenum	ppm Copper Oxide
RH#1	470-480	220		150
"	480-490	590		230
"	490-500	250		165
"	500-510	300	10	180
"	510-520	310	4	190
"	520-530	230	3	150
"	530-540	340	2	190
"	540-550	60	8	40
RH#1	550-560	180	6	130

ROCKY MOUNTAIN GEOCHEMICAL CORPORATION

Tucson, Arizona February 4, 1972

By_____
Martin H. Hibbetts

ND = Non Detected 1 ppm = 0.0001% 1 Troy oz./ton = 34.28 ppm % Mo. x 1.6683 = $\%MoS_2$

Rocky Mountain Geochemical Corporation

2050 EAST 14TH STREET
TUCSON, ARIZONA 85719

Phone 622-5702
Area Code: 602

CERTIFICATE OF ANALYSES

Date February 5, 1972

Client Red Hills Mining Corp.
P.O. Box 611, 1009 Pinal
Florence, Arizona 85232

Report on: 6 Samples

Submitted by: Mr. Don Kennedy

Date Received: February 3, 1972

Analysis: Copper, Molybdenum, and Copper Oxide

Remarks: Molybdenum determined colorimetrically. All other results determined by atomic absorption.

Job No. 72-2-28T Invoice No. TU-2953
cc: Enc.
RHCC: SLC
file
MHH:rg

Sample No.		ppm Copper	ppm Molybdenum	ppm Copper Oxide
RH#1	560-570	270	6	195
"	570-580	360	1	230
"	580-590	355	6	320
"	590-600	230	-1	200
"	600-610	315	7	265
RH#1	610-620	135	9	95

ROCKY MOUNTAIN GEOCHEMICAL CORPORATION

Tucson, Arizona February 5, 1972

By _____
Martin H. Hibbetts

ND = Non Detected 1 ppm = 0.0001% 1 Troy oz./ton = 34.28 ppm % Mo. x 1.6683 = $\%MoS_2$

Rocky Mountain Geochemical Corporation

2050 EAST 14TH STREET
TUCSON, ARIZONA 85719

Phone 622-5702
Area Code: 602

CERTIFICATE OF ANALYSES

Date February 5, 1972

Client Red Hills Mining Corp.
P.O. Box 611, 1009 Pinal
Florence, Arizona 85232

Report on: 2 Samples

Submitted by: Mr. Don Kennedy

Date Received: February 4, 1972

Analysis: Lead, Zinc, Gold, and Silver

Remarks: All results were determined by atomic absorption.
Job No. 72-2-31T Invoice No. TU-2956
cc: Enc.
RMCC: SLC
file
MHH:rg

Sample No.		ppm Lead	ppm Zinc	ppm Gold	ppm Silver
DMI	1	+1000= 10.2%	+1000=29.0%	0.3	+500=27.74 oz./t.
DMI	2	+1000= 8.4%	+1000=20.5%	-0.1	270

ROCKY MOUNTAIN GEOCHEMICAL CORPORATION

Tucson, Arizona February 5, 1972

By _____
Martin H. Hibbetts

All values are reported in parts per million unless specified otherwise. A minus sign (-) is to be read "less than" and a plus sign (+) "greater than." Values in parenthesis are estimates. This analytical report is the confidential property of the above mentioned client and for the protection of this client and ourselves we reserve the right to forbid publication or reproduction of this report or any part thereof without written permission.

ND = Non Detected | 1 ppm = 0.0001% | 1 Troy oz./ton = 34.28 ppm | % Mo. x 1.6683 = $\%MoS_2$

Rocky Mountain Geochemical Corporation

2050 EAST 14TH STREET
TUCSON, ARIZONA 85719

Phone 622-5702
Area Code: 602

CERTIFICATE OF ANALYSES

Date February 14, 1972

Client Red Hills Mining Corporation
P.O. Box 611, 1009 Pinal
Florence, Arizona 85232

Report on: 5 Samples

Submitted by: Mr. Don Kennedy

Date Received: February 7, 1972

72-2-35T

Analysis: Copper, Molybdenum, and Copper Oxide

Remarks: Molybdenum determined colorimetrically. All others determined by atomic absorption.
Job No. 72-2-35T Invoice No. TU-2963
cc: Inc.
RMGC: SLC
file
MHH:rg

Sample No.		ppm Copper	ppm Molybdenum	ppm Copper Oxide
RH#1	620-630	155	6	70
"	630-640	190	9	140
"	640-650	250	3	160
"	650-660	230	9	140
RH#1	660-670	980	9	580

ROCKY MOUNTAIN GEOCHEMICAL CORPORATION

Tucson, Arizona February 14, 1972

By_____
Martin H. Hibbetts

ND = Non Detected 1 ppm = 0.0001% 1 Troy oz./ton = 34.28 ppm % Mo. x 1.6683 = $\%MoS_2$

Rocky Mountain Geochemical Corporation

2050 EAST 14TH STREET
TUCSON, ARIZONA 85719

Phone 622-5702
Area Code: 602

CERTIFICATE OF ANALYSES

Date February 14, 1972

Client Red Hills Mining Corporation
P.O. Box 611, 1009 Pinal
Florence, Arizona 85232

Report on: 6 Samples

Submitted by: Mr. Don Kennedy

Date Received: February 9, 1972

Analysis: Copper, Molybdenum , Copper Oxide, and Gold

72-2-41T

Remarks: Molybdenum determined colorimetrically. All others determined by atomic absorption.
Job No. 72-2-41T Invoice No. TU-2966
cc: Enc.
RMGC: SLC
file
MHH:rg

Sample No.	ppm Copper	ppm Molybdenum	ppm Copper Oxide	ppm Gold
RH-1 670-680	205	4	110	
" 680-690	135	2	70	
" 690-700	230	6	160	
" 693-696S*	135	4	70	
RH-1 580-590S	175	6	120	
AW-272-7				5.8

*S indicates sludge.

ROCKY MOUNTAIN GEOCHEMICAL CORPORATION
Tucson, Arizona February 14, 1972

By _____
Martin H. Hibbetts

ND = Non Detected 1 ppm = 0.0001% 1 Troy oz./ton = 34.28 ppm % Mo. x 1.6683 = $\%MoS_2$

Rocky Mountain Geochemical Corporation

2050 EAST 14TH STREET
TUCSON, ARIZONA 85719

Phone 622-5702
Area Code: 602

CERTIFICATE OF ANALYSES

Date February 17, 1972

Client Red Hills Mining Corp.
P.O. Box 611, 1009 Pinal
Florence, Arizona 85232

Report on: 1 Sample

Submitted by: Mr. Don Kennedy

Date Received: February 11, 1972

Analysis: Copper, Molybdenum, Copper Oxide

Remarks: Molybdenum determined colorimetrically. All others determined by atomic absorption.

72-3-3T

Job No. 72-3-3T Invoice No. TU-2970
cc: Inc.
RMGC: SLC
file
MHH:rg

Sample No.	ppm Copper	ppm Molybdenum	ppm Copper Oxide
RHPT 708-710	170	-1	170

ROCKY MOUNTAIN GEOCHEMICAL CORPORATION

Tucson, Arizona February 17, 1972

By _____
Martin H. Hibbetts

ND = Non Detected 1 ppm = 0.0001% 1 Troy oz./ton = 34.28 ppm % Mo. x 1.8683 = %MoO_3

Rocky Mountain Geochemical Corporation

2050 EAST 14TH STREET
TUCSON, ARIZONA 85719

Phone 622-5702
Area Code: 602

CERTIFICATE OF ANALYSES

Date February 17, 1972

Client Red Hills Mining Corporation
P.O. Box 611, 1009 Pinal
Florence, Arizona 85232

Report on: 3 Samples

Submitted by: Mr. Don Kennedy

Date Received: February 14, 1972

Analysis: Copper, Molybdenum, Copper Oxide

Remarks: Molybdenum determined colorimetrically. All others determined by atomic absorption.

72-3-5T

Job No. 72-3-5T Invoice No. TU-2972
cc: Enc.
RMGC: SLC
file
MHH:rg

Sample No.	ppm Copper	ppm Molybdenum	ppm Copper Oxide
RH#1 710-720	20	2	20
" 720-730	5	-1	5
RH#1 730-740	5	-1	5

ROCKY MOUNTAIN GEOCHEMICAL CORPORATION

Tucson, Arizona February 17, 1972

By_____
Martin H. Hibbetts

ND = Non Detected 1 ppm = 0.0001% 1 Troy oz./ton = 34.28 ppm % Mo. x 1.6683 = $\%MoS_2$

Rocky Mountain Geochemical Corporation

2050 EAST 14TH STREET
TUCSON, ARIZONA 85719

Phone 622-5702
Area Code: 602

CERTIFICATE OF ANALYSES

Date February 17, 1972

Client Red Hills Mining Corporation
P.O. Box611, 10092 Pinal
Florence, Arizona 85232

Report on: 1 Sample

Submitted by: Mr. Don Kennedy

Date Received: February 15, 1972

Analysis: Copper, Molybdenum, Copper Oxide

Remarks: Molybdenum determined colorimetrically. All others determined by atomic absorption.

72-3-8T

Job No. 72-3-8T Invoice No. TU-2975
cc: Enc.
RMGC: SLC
file
MHH:rg

Sample No.	ppm Copper	ppm Molybdenum	ppm Copper Oxide
RH#1 740-750	-5	-1	-5

ROCKY MOUNTAIN GEOCHEMICAL CORPORATION

Tucson, Arizona February 17, 1972

By_____

Martin H. Hibbetts

ND = Non Detected 1 ppm = 0.0001% 1 Troy oz./ton = 34.28 ppm % Mo. x 1.6683 = $\%MoS_2$

GILA RED HILLS MINING, LTD.

2290 West Broadway Road
Apache Junction, AZ 85220
(602) 982-8224 / 280-9087

Gary Parkison
District Geologist
Cambior, USA, Inc.
4949 South Syracuse Street
Suite 4200
Denver, Colorado 80237

Dear Gary,
Thanks again for your interest in the Redbird claims. Enclosed is the information and maps you requested at our meeting last month. We would ask that this material be treated as proprietary within our relationship.

The cost for reproduction, etc., came to $172.84. Adding mailing costs of $12.20 the total amounts to $185.04. Please remit this amount to Martin McKenna
1526 W. McKinley St.
Phoenix, AZ 85007

Please don't hesitate to call if we can be of any assistance.

Regards,

Martin J. McKenna
General Partner

→ Review - summary ~~geol~~ operating history

→ Check drill logs for assoc. of mineralization w/ what type geology - does confirm assoc. w/ dikes?

Review geol. repts for prepare suple geol. picture

~~Abbott~~

Not have logs or assays + loc. (for RH-3) for holes RH-3 thru RH-8, ~~appears that these~~

- these hole locs. show up on Phelps Dodge map, but were not drilled by Bell-Western.
- Holes drilled by Bell-Western apparently included RH-1, RH-2 but holes RH-3 thru RH-8, were these drilled by PD?

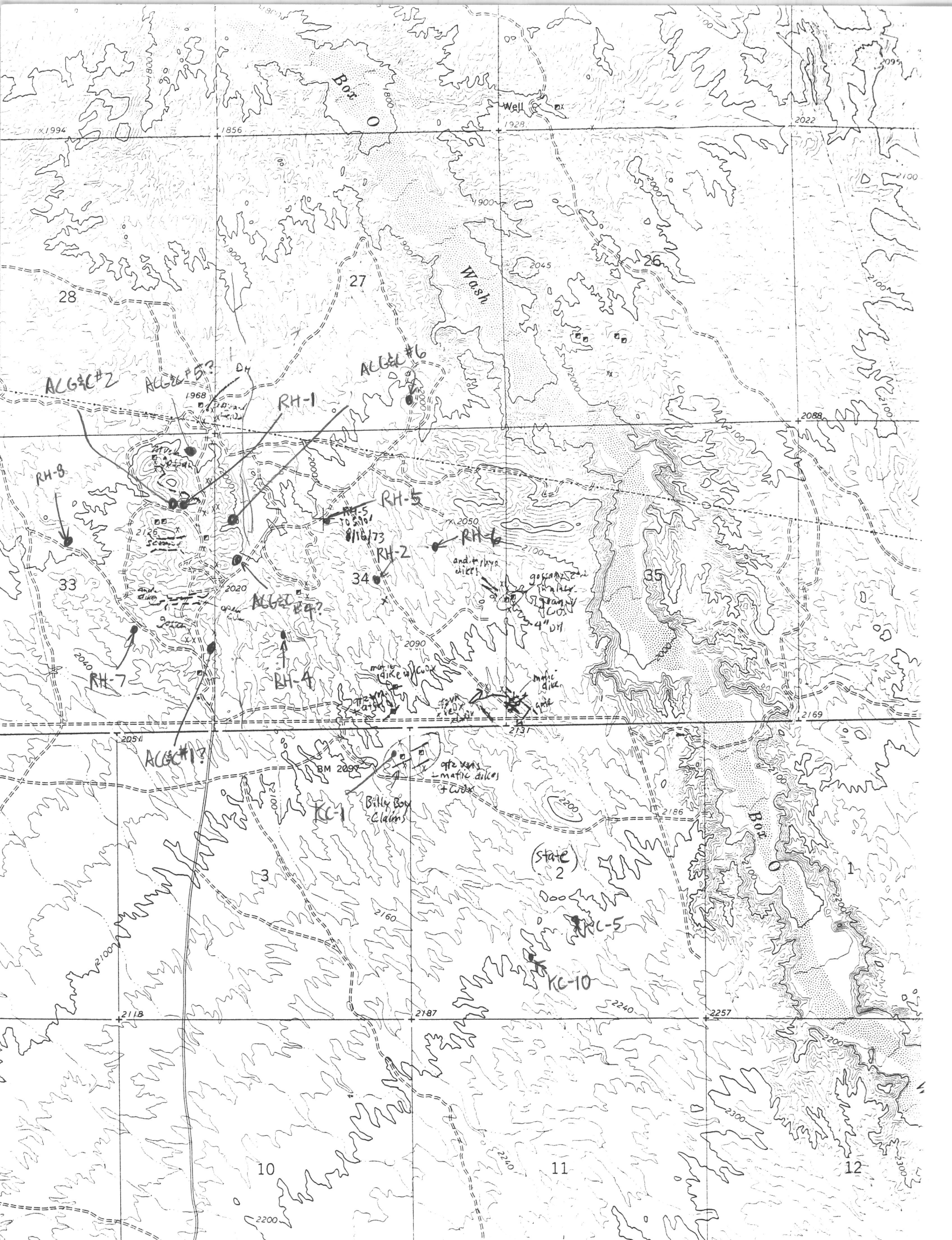
Notes many added drill holes on ground than have any description for, — on claim map lots of shallow holes scattered about ~~40~~ 40-100' deep or so - are these the same holes as see in the field?, but have no record of logs, assays, etc.

Those are validation holes

Reference in Robinson report to ~~5~~ 6 holes drilled, we have logs (very poor) for those hole but no assays, only logs for 5 holes - these drilled in 1949? by Anyox Consolidated

For RH-1 typical zone of CuOx, gold, Thickness
Still in oxidized ~~zone~~ zone w/ CuOx > 65% of Tot. Cu down to bottom of hole, i.e. 750'

RH-2 assays


Box O
Well
1994
1856
1928
2022
2095
2100
1800
1900
2000
2045
Wash
26
27
28
ACG&C #2
ACG&C #5?
DH
1968
RH-1
ACG&C #6
2088
RH-8
RH-5
TD 500'
8/16/73
2050
RH-6
2126
RH-2
34
33
35
2020
ACG&C #4?
2090
RH-7
RH-4
2040
2169
2131
2051
ACG&C #1?
BM 2097
qtz veins
+ mafic dikes
+ CuOx
Billy Boy
Claims
KC-1
2200
2186
Box O
(State)
2
3
1
2160
KC-5
KC-10
2240
2118
2187
2257
2300
10
11
12

Red Hills Area

1:60,000 – color IR or B & W

5/81

NHAP '80 477-44

CAMBIOR USA, INC.

1983 Flight at 1:60,000

November 26, 1991

ASCS
Aerial Photography Sales Branch
PO Box 30010
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Dear Sir:

I would like to obtain flight line and/or photo indexes for the most recent coverage you have of an area in Pinal County, Arizona. The area of interest is bordered by latitude 33°00' and 33°05' N and 111°10' and 111°15' W longitude, an area covered by the North Butte 7½ topo map, a portion of which is enclosed.

I am interested in photography at a scale of 1:40,000 or larger, either color or black and white.

Please charge the indexes to my Mastercard No. 5329 0312 3921 8769, expiration 9/92. Please call me at the phone number below if you have any questions.

Completed Jan. 14

Sincerely yours,

Gary A. Parkison

Gary A. Parkison
Chief Geologist

GAP/ss
Enclosure

Will call tomorrow

4949 South Syracuse Street, Suite 4200, Denver, Colorado 80237
303-694-4936 Fax 303-773-0733

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38" x 38"		80		477	44					

SPECIAL INSTR

GARY A. OR ELAINE A. PARKISON
8257 SWEETWATER RD. PH. 303-799-1854
LITTLETON, CO 80124

872

Feb. 5, 1992

82-438/1070

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MEMO

Gary Parkison

⑈107004381⑈ 282 6704⑈ 0872

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SCENIC AMERICANA

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(08-27-85)

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Agricultural Stabilization and Conservation Service

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12. FUNDS CHARGEABLE

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14. TITLE

DATE

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38 x 38		90		477	44					

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These are the holes cited in Gilmour's 1969 report AC69C.

ARIZONA CONSOLIDATED GOLD & COPPER MINES

Hole #1

Location- Copper A - Bearing S 18 W - Length 395'- Angle 65°

Very much broken up - very poor core recovery. Monzonite lightly altered. Depth 395 feet.

Hole #2

Location- Copper 20 - Bearing due south - Angle 60°

Aplite to 195'. Monzonite altered and broken up and oxidized to bottom 795'. Poor core recovery broken up.

Hole #3

Location- Copper 20 - Bearing due south - Length 521' - Angle 80°

Aplite to 470'. Altered Fe stained diorite broken up. Poor core recovery to 521 bottom.

Copied from pencilled notes.
Tucson, Ariz.
8/15/61

6 core holes drilled

All had very poor core recovery, ave prob. <25%

No Assays, Very poor logs

Hole #4

12-20-49
Bearing due South

Core read by C. Trischka Location- Copper 1 Length- 911' - Angle 81°

Size Hole	Feet drilled	Inches Core	Amt. Sludge	Material	Remarks
BR	13	16		Diorite	
"	13 - 26	19		"	
"	26 - 34	13		"	
AX	34 - 56	1		"	
"	56 - 76	3		"	
"	76 - 90	0			
"	90 - 95	14		Monzonite	
"	95-100	20		Diorite	
"	100 -111	4		Monzonite	
"	111 -121	7		"	
"	121 -136	3		"	
"	136 -154	0		"	
"	154 -156	6		"	
"	156- 176	4		"	
"	176- 186	15		Decomposed monzonite	Gravel- no core
"	186- 191	30		" "	" " "
"	191- 196	18		" "	Core-½, Gravel-½
"	196- 206	30		"	Broken up
"	206- 214	40		"	" "
"	214- 225	50		"	
"	225- 230(#13	46		"	
"	230- 234(	13		Diorite	Small amt. 10# disseminated 11# pyrite 12# No pyrite
"	234- 237(#14	24		Monzonite	
"	237- 243(	24		"	
"	243- 250	55		"	
"	250- 254	39		"	
"	254- 264	34		"	
"	264- 267	34"		"	
"	267- 274½	32		"	
"	274½-275	9"		"	
"	275- 285	104		"	
"	285- 296	118		"	
"	296- 304	38		"	Somewhat oxidized
"	304- 316	20		"	" "
"	316- 324	59		"	" "
"	324- 337	50		"	" "
"	337- 347	81		"	" "
"	347- 357	18		"	
"	357- 367	78		"	
"	367- 375	34		Somewhat FeOx altered	Some pyrite — Sample Core #15
"	375- 387	69		" "	" " #16
"	387- 395	55		" "	" " #17
"	395- 405	131		" "	" " #18
"	405- 417	120		Last 5' somewhat alt. FeOx	" " #19
"	417- 427	57		Oxidised monzonite	#20
"	427- 437	47		" "	
"	437- 447	37		" "	
"	447- 454	37		" "	Little pyrite #21
"	454- 465	91		" fe	" "
"	465- 476	111		" Ox	" " #22
"	476- 486	96		Monzonite	" " #23
"	486- 494	35		Oxidised monzonite	" " #24
"	494- 505	44		" fe ox	" " #25
"	505- 516	56		"	" " #26
"	516- 522	40		"	" " #27

Hole #4 - Continued

Size Hole	Feet drilled	Inches Core	Amt. Sludge	Material	Remarks	Core No.
AX	522-533	108		Monzonite	Little pyrite	#28
	533-543	118	Slightly alt.	"	" "	29
	543-553	106	Fe ox.	"	" "	30
	553-565	119	Oxidized	"	" "	31
	565-572	67	"	"		32
	572-584	60	"	"	" "	33
	584-594	101	"	"	" "	34
	594-601	51	"	"	" "	35
	601-612	109	"	"	" "	36 (608-611)
	612-622	51	"	"		
	622-633	51	"	"		
	633-644	47	"	"		
	644-654	65	"	"		
	654-658	74	"	"		
	658-668	28	"	"		
	668-678	33	"	"		
	678-686	63	"	"		
	686-695	79	"	"		
	695-705	102	"	"		
	705-715	24	"	"	Little pyrite	37
	715-725	27	"	"	" "	38
	725-731	22	"	"	" "	39
	731-741	105	"	"	" "	40
	741-752	39	"	"	" "	41
	752-764	74	"	"	" "	42
	764-775	92	"	"	" "	43
	775-777	12	Monzonite silicious		" "	44
	777-786	91	"	"	" "	45
	786-789	28	"	"	" "	46
	789-799	118		Monzonite	" "	47
	799-805	42		"	" "	48
	805-816	124		"	" "	49
	816-827	60		"	" "	50
	827-834	55		"	" "	51
	834-845	35	Oxidized	"	" "	52
	845-854	55	"	"	" "	53
	854-862	45	Monzonite		" "	54
	862-872	120	Oxidized	"	" "	55
	872-884	122	"	Monzonite	" "	56
	884-892	26	Little Epidote		" "	57
	892-898	47	"	"	" "	58
	898-901	3	"	"	" "	59
	901-911	64	"	"	" "	60

Copied from penciled notes
8/15/61
Tucson, Arizona

12-20-49
Bearing S 30 W

. Trischka

Hole #5

Location - Copper 19 - Length 580' - Angle 55°

t drilled	Inches Core	Material	Remarks
- 29		Diabase	
- 85		"	
-101	14	"	
-107	4	"	
-110	6	Alt. oxidized monzonite	
-112	6	Fe stained	
-117	30	" "	
-125	30	" "	
-135	8	" "	
-139	7	" "	
-144	8	" "	
-149	14	" "	
-154	30	" "	
-159	28	" "	
-162	26	" "	
-169	34	" "	
-174	38	Heavy FeO alt. monzonite	
-180	22	" " " "	
-184	28	" " " "	
-189	22	Brecciated	
-194	12	"	
-208	38	"	
-213	4	"	
-219	8	"	
-231	22	Alt. oxidized monzonite	
-240	88	" " "	
-249	84	" " "	
-259	82	" " "	
-264	42	" " "	
-271	26	" " "	
-282	38	" " "	
-292	48	& Brecciated	
-303	40	" "	
-314	120	" "	
-323	83	Alt. monzonite	
-325	22	" "	
-335	109	" "	
-346	117	Somewhat altered & leached monzonite	
-355	107	" " " " " little FeO	
-365	41	" " " " " " "	
-375	86	" " " " " " "	
-385	80	Somewhat alt. monzonite	Core Sample
-392	78	" " "	61
-403	125	" " " little pyrite in Mons.	62
-413	120	Fairly fresh monzonite	
-423	120	" " "	
-431	40	" " "	

#5 - Continued

Hole	Feet drilled	Inches Core	Material	Remarks
431-441		76	Fairly fresh monzonite	
441-451		78	" " "	
451-462		120	" " "	
462-472		120	" " "	few spots of pyrite
472-483		48	1 ft. diorite, rest monzonite	
482-493		124	Monzonite	
493-503		40	"	
503-509		40	"	
509-517		87	Aplite and monzonite	
517-527		90	Monzonite	
527-537		120	"	
537-540		14	"	
540-550		86	Slightly oxidized monzonite	
550-558		88	" " "	
558-569		120	Small amt. copper carbonate staining at 555' Monzonite	
569-580		33	"	

Hole #6 — Bearing S 24 W

Core read by

Location Change 8 - Length 584' - Angle 60°

Size Hole	Feet drilled	Inches Core	Material	Remarks
NX	0- 36	42	Diorite	Broken up
"	36- 46	0	"	
"	46- 57	0	"	
"	57- 63	0	Andesite & diorite	
AX	63- 75	33	Diorite	Broken up
"	75- 85	5	"	" " & oxidized
"	85-95	34	"	" " "
"	95-105	20	"	" " "
"	105-115	4	Coarse grained Monzonite	ditto
	115-125	13	ditto	ditto
	125-132	17	"	"
	132-139	27	"	"
	139-150	11	"	"
	150-160	10	"	"
	160-175	13	"	"
	175-185	45	"	"
	185-195	10	"	"
	195-205	0	"	"
	205-213	9	"	"
	213-223	16	"	"
	223-233	34	"	"
	233-244	17	"	"
	244-250	16	"	"
	250-255	22	"	"
	255-260	6	"	"
	260-274	14	"	"
	274-282	10	"	"
	282-284	11	"	"
	284-299	57	"	"
	299-309	50	"	"
	309-317	60	Altered diorite- oxidized - broken up	
	317-320	17	"	"
	320-324	27	"	"
	324-333	21	"	"
	333-344	21	"	"
	344-351	24	"	"
	351-358	26	"	"
	358-365	23	Diorite alt. & iron stained-broken up-oxidized	
	365-375	29	"	"
	375-385	6	Some specularite and as above	
	385-395	8	"	"
	395-402	20	"	"
	402-412	13	"	"
	412-416	10	"	"
	416-425	16	"	"
	425-432	31	"	"
	432-441	22	"	"
	441-446	36	"	"
	446-456	31	"	"
	456-466	20	"	"
	466-476	6	"	"
	476-481	25	"	"

Hole #6 - Cont-inued

Size Hole	Feet drilled	Inches Core	Material	Remarks
AX	488-489	18	Altered & oxidized, little Fe stained monzonite	
	489-500	45	Same as above	
	500-510	43	" " "	
	510-515	11	" " "	
	515-524	58	" " "	
	524-535	40	" " "	
	535-540	33	" " "	
	540-550	37	" " "	
	550-561	26	" " "	
	561-572	35	" " "	
	572-588	49	" " "	

Copied from pencilled notes
8/13/41
Tyrone, Ariz.

D. Drill Holes on Ariz. Copper Co.
N. of Florence

No 1 395' #11 claim

No 2 795' #20

No 3 521' #20

No 4 911' on #1 claim

No 5 584' on #19.

RH-2 Shearing, brecciated zones mostly intrus
— alteration not intense, lots of fresh rock
— only minor dikes
— no good stuff in diabase

RH-1 See no real relation betwe Cu mineral ad proximity to ~~Pt~~ granite and dike contacts - ~~often~~ generally have much higher Cu values in Pt-Pg ~~than~~ (ie 300-400 ppm) vs dikes (<100 ppm)
— some contacts have chilled margins, some w/ fault contact.
— ~~Pt~~ Best mineral zones assoc. w/ Pt-Pg where have lots of FeOx, fracturing, alteration (chlorite + sericite)

KC-5 all hole in quartz monzonite porphyry, — this is actually Precamb. granite
Cu mineral assoc. w/ altered (sericite, quartz, FeOx) zones, faults also
Kaolin

KC-1 Same as KC-5, alteration zones w/ fractures in Oracle Granite seem to control mineralization.

07/15/91

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: ARIZONA COPPER GROUP

ALTERNATE NAMES:
ARIZONA COPPER CO. PROPERTY
SALT LAKE PROPERTY
JOHNSON WORKS

PINAL COUNTY MILS NUMBER: 318

LOCATION: TOWNSHIP 4 S RANGE 11 E SECTION 28 QUARTER SE
LATITUDE: N 33DEG 02MIN 47SEC LONGITUDE: W 111DEG 12MIN 54SEC
TOPO MAP NAME: NORTH BUTTE - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:
COPPER
GOLD

BIBLIOGRAPHY:
ADMMR ARIZONA COPPER GROUP FILE
ADMMR ALVAREZ CLAIMS FILE
ADMMR CONS AU AND CU MINE FILE
ADMMR U FILE PINAL Cu 43
CLAIMS EXTEND INTO SEC. 35

ARIZONA COPPER GROUP

REFERENCES

PINAL COUNTY
RED HILLS DIST.
T4S R11E Sec. 28,33,34,35

Pinal County MILS Index #318

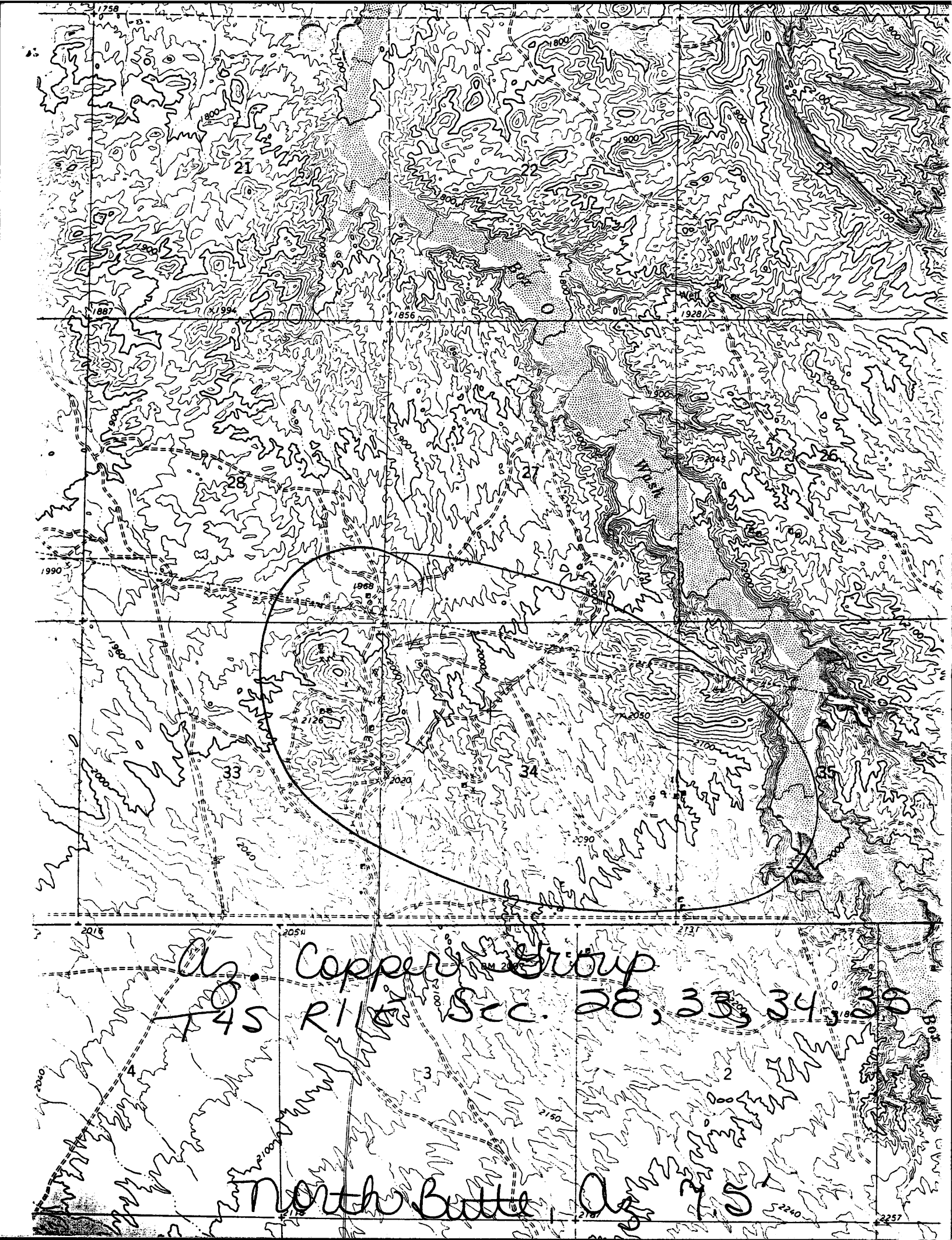
AKA: Arizona Copper Co. Property, Salt Lake Property, Johnson Works

Alvarez Claims (file) Pinal

AZ Consolidated Gold and Copper Mine (file) Pinal

"U" Files

North Butte 7.5' Topo (included in file)


Cu. Copper Group
T45 R11E Sec. 28, 33, 34, 35
North Butte Qg 7.5'

07/15/91

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: ALVAREZ CLAIMS

ALTERNATE NAMES:
BEN ALVEREZ GROUP
RED HILLS PROPERTY
ARIZONA CONS AU AND AG PROP.
MUNSEY PROPERTY
ARIZONA COPPER GROUP

PINAL COUNTY MILS NUMBER: 320

LOCATION: TOWNSHIP 4 S RANGE 11 E SECTION 33 QUARTER SE
LATITUDE: N 33DEG 02MIN 08SEC LONGITUDE: W 111DEG 12MIN 56SEC
TOPO MAP NAME: NORTH BUTTE - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:
COPPER OXIDE
STONE
IRON
GOLD LODE

BIBLIOGRAPHY:
ADMMR ALVAREZ CLAIMS FILE
E & MJ VOL. 172, NO. 2, FEB. 1971, P. 132
ADMMR ARIZONA COPPER GORUP FILE
ADMMR ARIZ. CONS. AU AND CU MINE FILE
ADMMR U FILE PINAL Cu 43

ARIZONA COPPER GROUP (file) PINAL COUNTY

ARIZONA CONS. GOLD & COPPER MINES

Red Hill Deposit - Copper
12 Mi E. Florence- going to churn drill (1955)

Northern Research, Mr. Nicodemos. (Nevada Corp.)

John F. Johnson, 427 W. Dana Ave., Mesa, Ave.

ARIZONA CONSOLIDATED GOLD & COPPER MINES CO.
122 S. Mesa Boulevard, Mesa, Ariz.

MINES: ARIZONA COPPER GROUP, 30 lode claims, 11 Mi E of Florence, Pinal Co., S28 & 35, T4S, R11E. Red Hills.

OWNERS: John F. Johnson, Pres. Ariz. Cons. Gold & Copper Mines Co. died 1961
6-1951