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TO: Randy Moore
FROM: Nick Barr
DATE: October 1, 1992
SUBJECT: Monthly Report - September, 1992

SUMMARY

304 - Southwest Copper: Submittal returned 26% copper and 59 oz/t silver from high grade vein, but no significant widths of mineralization.

305 - Nevada Reconnaissance, Austin: Limited field work tested additional target areas.

317 - Suizo: Twenty-four additional rock chip samples average .95% soluble copper. Final approval of trenching plan pending after favorable archaeological report.

304 - SOUTHWEST COPPER

Tim Conroy Submittal, Section 31, T10S, R7E, West Silver Bell Mountain, Pinal County, Arizona: Poorly exposed ten to twenty foot wide oxidized structural zones in evidence over an area measuring ½ mile square host limonite quartz-carbonate veinlets bounded by dominantly fresh Oracle granite. Of particular interest is an isolated occurrence of a 2" massive sulfide veinlet returning 26% Cu and 59 oz/t Ag. Detailed rock chip sampling and 24 soils collected on 100 foot centers failed to detect any additional significant copper mineralization. No further work is anticipated.

305 - NEVADA RECONNAISSANCE: AUSTIN

Limited field work continued to test anomalous NURE stream silt sites. No evidence of mineralization was detected in several areas visited approximately 20 miles west of Austin. This area is dominated by fresh rhyolite capping lower plate cherty rocks.

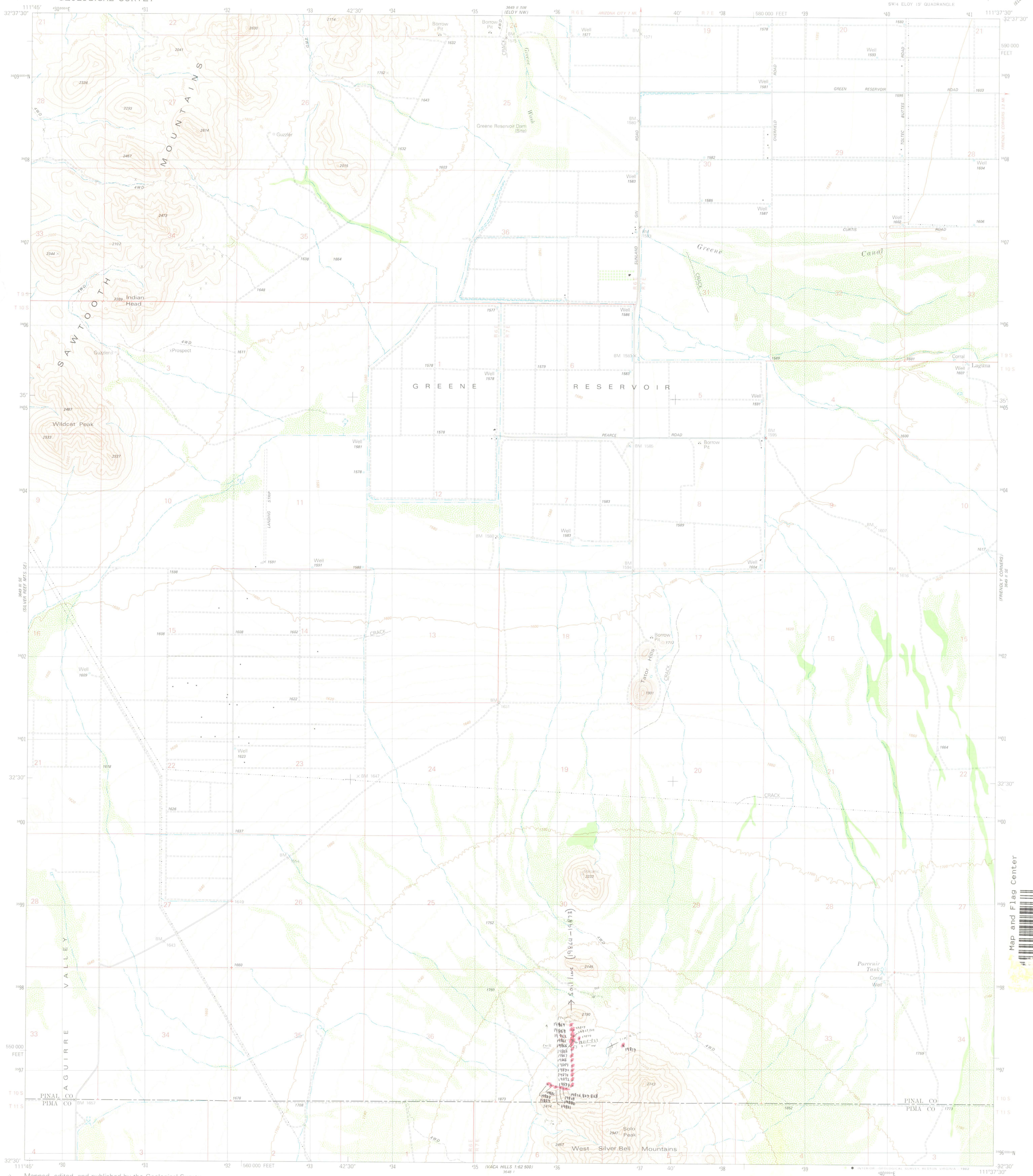
Attempts to trace the source of tuff float anomalous in gold was unsuccessful. Remaining target areas will be further evaluated prior to additional field work.

317 - SUIZO

Twenty-four additional rock chip samples collected from prospects exposing malachite and chrysocolla mineralization averaged .95% soluble Cu. These results are consistent with previous sampling

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

GREENE RESERVOIR QUADRANGLE
ARIZONA
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 ELOY 15' QUADRANGLE



Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1976. Field checked 1977. Map edited 1981

Projection and 10,000-foot grid ticks: Arizona coordinate system, central zone (transverse Mercator)
1000-meter Universal Transverse Mercator grid, zone 12
1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 4 meters south and 64 meters east as shown by dashed corner ticks

Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked

A portion of the east half of this map lies within a subsidence area
Vertical control based on latest available adjustment

GN MN 0°22' 7 MILS 13° 231 MILS
UTM GRID AND 1981 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000
1 MILE — 7000 FEET
1 KILOMETER

CONTOUR INTERVAL 20 FEET
SUPPLEMENTARY CONTOUR INTERVAL 5 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

• Soil
x Rock chip

ARIZONA
QUADRANGLE LOCATION

ROAD CLASSIFICATION
Primary highway, hard surface — Light-duty road, hard or improved surface
Secondary highway, hard surface — Unimproved road
Interstate Route — U. S. Route — State Route

GREENE RESERVOIR, ARIZ.
SW/4 ELOY 15' QUADRANGLE
N3230—W11137.5/7.5

1981

DMA 3649 II SW—SERIES V898

Map and Flag Center
RESERVOIR 7.5

File

304 West Silver Bell Mtns
Pinal Co Az

Tim Conroy
Submittal

cc: MMG
RM
NB

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Report: 9200773 R Cambior Exploration USA, Inc. Project: 304 Page 1 of 1 Section 1 of 2

Sample Name	Type	Ag ppm	Cu ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ti ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm
19817	Rock Chip	0.6	13	19	244	1980	<5	12	3	5	<10	<2	7.2	26	26	71	<5
19818	Rock Chip	3.1m	27%	29%	8458	438	475	52	10	15	<10	179	<0.1	5	5	5	77
19819	Rock Chip	8.5	1800	1770	448	70	<5	5	<3	2	<10	<2	0.4	3	3	80	<5
19820	Rock Chip	0.7	130	148	10	24	<5	6	<3	2	<10	<2	0.2	3	5	31	<5
19821	Rock Chip	0.3	40	48	11	26	<5	5	<3	1	<10	<2	0.1	2	5	32	<5
19822	Rock Chip	0.1	69	74	10	65	<5	5	<3	1	<10	14	<0.1	7	7	63	<5
19823	Rock Chip	0.3	35	39	121	1021	<5	9	<3	6	<10	<2	3.7	13	11	589	<5
19824	Rock Chip	<0.1	27	33	20	267	<5	<5	<3	2	<10	<2	0.4	4	6	59	<5
19825	Rock Chip	<0.1	19	23	14	52	<5	<5	<3	2	<10	<2	0.2	4	7	68	<5
19826	Rock Chip	<0.1	19	21	13	47	<5	5	<3	1	<10	<2	0.1	3	6	47	<5
19827	Rock Chip	0.4	27	27	355	3281	<5	7	<3	10	<10	<2	17.2	19	14	929	<5
19828	Rock Chip	0.2	75	93	22	39	<5	7	<3	2	<10	<2	0.2	2	5	67	<5
19829	Rock Chip	<0.1	13	14	11	47	<5	<5	<3	2	<10	<2	0.1	3	5	44	<5
19830	Rock Chip	<0.1	13	15	6	29	<5	<5	<3	2	<10	<2	0.2	3	4	82	<5
19831	Rock Chip	0.3	36	46	347	2271	<5	6	<3	21	<10	<2	12.8	20	16	1193	<5
19832	Rock Chip	<0.1	18	24	33	198	<5	6	<3	4	<10	<2	1.2	4	7	243	<5
19833	Rock Chip	<0.1	11	12	<2	19	<5	5	<3	1	<10	<2	0.1	1	3	37	<5
19834	Rock Chip	<0.1	16	19	9	35	<5	<5	<3	2	<10	<2	0.2	3	5	51	<5
19861	Soil	<0.1	45	55	24	79	<5	5	<3	2	<10	<2	0.2	8	13	144	<5
19862	Soil	<0.1	38	42	22	59	<5	<5	<3	2	<10	<2	0.1	9	14	110	<5
19863	Soil	<0.1	30	38	19	82	6	6	<3	3	<10	<2	0.1	10	16	132	<5
19864	Soil	<0.1	26	29	22	73	<5	6	<3	2	<10	<2	0.1	9	13	105	<5
19865	Soil	<0.1	31	36	19	77	<5	<5	<3	2	<10	<2	<0.1	9	14	134	<5
19866	Soil	<0.1	29	33	15	77	<5	<5	<3	2	<10	<2	<0.1	9	13	137	<5
19867	Soil	<0.1	32	37	18	81	<5	<5	<3	2	<10	<2	0.1	9	14	138	<5
19868	Soil	<0.1	30	33	16	75	<5	<5	<3	2	<10	<2	<0.1	9	13	122	<5
19869	Soil	<0.1	30	35	20	79	<5	5	<3	2	<10	<2	<0.1	9	14	134	<5
19870	Soil	<0.1	31	34	16	77	<5	<5	<3	2	<10	<2	<0.1	9	13	129	<5
19871	Soil	<0.1	26	32	15	70	<5	<5	<3	2	<10	<2	<0.1	9	13	116	<5
19872	Soil	<0.1	33	39	17	80	6	5	<3	2	<10	<2	0.1	10	15	120	<5
19873	Soil	<0.1	28	31	15	67	<5	<5	<3	2	<10	<2	<0.1	8	12	91	<5
19874	Rock Chip	1.1	3500	3566	761	320	53	9	<3	6	<10	<2	2.4	11	8	1208	<5
Minimum Detection		0.1	1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5
Maximum Detection		100.0	10000	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	10000	1000
Method		ICP	Geo	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

--=No Test ReC=ReCheck ins=Insufficient Sample m=Est/1000 %=Est % Max=No Est

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Report: 9200773 R Cambior Exploration USA, Inc. Project: 304 Page 1 of 1 Section 2 of 2

Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
19817	19	34	5355	<2	136	2	3	<0.01	0.26	14%	6.3%	5.25	0.07	0.02	0.02
19818	35	78	221	<2	196	6	4	<0.01	0.21	0.19	4.05	0.06	0.09	0.02	0.51
19819	63	37	587	19	43	1	2	<0.01	0.47	5.15	1.27	0.15	0.20	0.04	0.07
19820	140	13	321	24	11	1	2	0.01	0.42	6.87	1.27	0.09	0.23	0.05	0.07
19821	133	9	229	22	10	1	1	0.01	0.42	0.46	0.99	0.08	0.21	0.05	0.06
19822	110	26	505	32	15	1	4	0.05	0.79	0.57	2.04	0.43	0.41	0.04	0.09
19823	17	25	4946	6	99	1	1	<0.01	0.42	21%	4.91	0.25	0.15	0.02	0.03
19824	125	11	587	20	22	<1	2	<0.01	0.49	1.49	1.57	0.11	0.22	0.04	0.06
19825	132	14	514	22	13	2	2	0.02	0.73	0.29	1.44	0.20	0.25	0.05	0.05
19826	131	11	395	16	8	1	2	0.01	0.44	0.47	1.27	0.10	0.21	0.05	0.07
19827	29	32	4755	<2	65	1	1	<0.01	0.28	19%	5.0%	0.19	0.06	0.01	0.02
19828	219	3	321	2	6	<1	<1	<0.01	0.18	1.03	0.75	0.04	0.07	0.02	0.01
19829	151	14	419	25	18	1	2	0.01	0.54	0.81	1.38	0.12	0.25	0.05	0.07
19830	121	13	477	23	19	1	2	0.01	0.47	0.90	1.19	0.11	0.19	0.05	0.06
19831	21	60	5259	<2	204	1	1	<0.01	0.34	22%	5.6%	0.74	0.09	0.02	0.01
19832	113	15	1238	18	33	1	3	0.01	0.38	3.63	1.87	0.11	0.18	0.06	0.07
19833	110	10	273	15	19	1	2	<0.01	0.35	0.78	1.16	0.11	0.21	0.05	0.06
19834	116	13	600	9	24	<1	2	<0.01	0.41	0.23	1.58	0.05	0.25	0.05	0.07
19861	17	36	677	32	37	2	3	0.04	1.53	1.56	2.40	0.80	0.40	0.02	0.10
19862	21	39	548	28	29	4	4	0.02	1.57	0.37	2.63	0.55	0.37	0.02	0.04
19863	22	42	742	37	42	4	4	0.04	1.98	1.57	2.83	0.85	0.50	0.02	0.07
19864	18	37	669	29	37	3	4	0.04	1.50	0.58	2.47	0.59	0.37	0.02	0.10
19865	17	37	726	29	29	3	3	0.06	1.43	0.45	2.46	0.64	0.39	0.02	0.10
19866	17	36	784	28	29	3	4	0.06	1.46	0.40	2.52	0.60	0.38	0.02	0.10
19867	17	36	791	28	33	3	4	0.06	1.49	0.41	2.59	0.64	0.44	0.02	0.08
19868	17	38	734	27	27	4	4	0.05	1.39	0.35	2.70	0.60	0.41	0.02	0.07
19869	18	39	738	27	31	4	4	0.05	1.42	0.38	2.75	0.61	0.38	0.02	0.09
19870	16	36	740	27	36	2	3	0.04	1.35	0.49	2.53	0.62	0.40	0.02	0.09
19871	17	39	668	26	29	3	3	0.04	1.29	0.40	2.72	0.58	0.37	0.02	0.07
19872	19	44	677	34	28	3	5	0.05	1.81	0.42	3.01	0.66	0.47	0.02	0.07
19873	18	43	525	30	28	3	4	0.05	1.47	0.38	2.81	0.55	0.35	0.02	0.06
19874	15	30	3049	<2	73	1	1	<0.01	0.66	22%	3.12	0.45	0.24	0.02	0.02
Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

--=No Test ReC=ReCheck ins=Insufficient Sample m=Est/1000 %=Est % Max=No Est

Tim Conroy

cc: MMG
RM
NB

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IPL Report: 9200802 M Cambior Exploration USA, Inc. In: Sep 22, 1992 Page 1 of 1 Section 1 of 1
Project: 304 Out: Sep 22, 1992 1 Rock Pulp Certified BC Assayer David Chiu

Sample Name	Ag oz/st	Sample Name	Ag oz/st	Sample Name	Ag oz/st	Sample Name	Ag oz/st	Sample Name	Ag oz/st	Sample Name	Ag oz/st
19818	59.40										
Min Limit	0.01		0.01		0.01		0.01		0.01		0.01
Max Reported*	1000.00		1000.00		1000.00		1000.00		1000.00		1000.00
Method	FAGrav		FAGrav		FAGrav		FAGrav		FAGrav		FAGrav

---=No Test Ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate

CAMBIOR USA, INC.

Sample Record

PROSPECT/PROPERTY Coyote Vein West Silver Bell mtns Pinal Co., Ariz SAMPLER _____ PAGE ____ OF ____

SAMPLE NUMBER	QUAD	SEC	TWNS	RNG	DATE	DESCRIPTION	LABORATORY ANALYSIS					
19817					9/3/92							

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Tim Conroy

note 9/21 request Ag oz/t samp # 19818

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REPORT SUMMARY Report:[920774 R]

ANALYTICAL REPORT

Origin

Inception Date:[Sep 15, 1992]

Client:	135	Cambior Exploration USA, Inc.
Contact:		Nick Barr
Project:	0	317
Amount/Type:	26	Rock

Analytical Requisition

Geochemical:[ICP(AqR)30]
Assay:[Cu] ICP:[30]
Comments:[Fax ASAP]

Delivery Information

Reporting Date:[Sep 18, 1992]

Principal Destination (Hardcopy,Fascimile,Invoice)

Company:[Cambior Exploration USA, Inc.]
Address:[230 South Rock Blvd., Suite 23]
City/Province:[Reno, NV]
Country/Postal:[USA 89502-2]
Attention:[Nick Barr]
Fascimile:[702/856-4549]

Secondary Destination (Hardcopy)

Company:[ ]
Address:[ ]
City/Province:[ ]
Country/Postal:[ ]
Attention:[ ]
Fascimile:[ ]

1 data pages in this report. Approved by: _____

B.C. Certified Assayers

iPL CODE: 920918-17:33:48

Tim Conroy Submittal
West Silver Bell Mtns Pinal Co, Ariz

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Report: 9200773 R Cambior Exploration USA, Inc. Project: 304 Page 1 of 1 Section 1 of 2

Sample Name	Type	Ag ppm	Cu ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ti ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm
19817	Rock Chip	0.6	13	19	244	1980	<5	12	3	5	<10	<2	7.2	26	26	71	<5
19818 2" select vein in pit	Rock Chip	0.1m	27%	29%	8458	438	475	52	10	15	<10	179	<0.1	5	5	5	77
19819 2' in pit F.wall of vein	Rock Chip	8.5	1800	1770	448	70	<5	5	<3	2	<10	<2	0.4	3	3	80	<5
19820 2' H.wall 6' from pit	Rock Chip	0.7	130	148	10	24	<5	6	<3	2	<10	<2	0.2	3	5	31	<5
19821 2' H.wall 12' from pit	Rock Chip	0.3	40	48	11	26	<5	5	<3	1	<10	<2	0.1	2	5	32	<5
19822 Grab 75' sw of pit	Rock Chip	0.1	69	74	10	65	<5	5	<3	1	<10	14	<0.1	7	7	63	<5
19823	Rock Chip	0.3	35	39	121	1021	<5	9	<3	6	<10	<2	3.7	13	11	589	<5
19824	Rock Chip	<0.1	27	33	20	267	<5	<5	<3	2	<10	<2	0.4	4	6	59	<5
19825	Rock Chip	<0.1	19	23	14	52	<5	<5	<3	2	<10	<2	0.2	4	7	68	<5
19826	Rock Chip	<0.1	19	21	13	47	<5	5	<3	1	<10	<2	0.1	3	6	47	<5
19827	Rock Chip	0.4	27	27	356	3281	<5	7	<3	10	<10	<2	17.2	19	14	929	<5
19828	Rock Chip	0.2	75	93	22	39	<5	7	<3	2	<10	<2	0.2	2	5	67	<5
19829	Rock Chip	<0.1	13	14	11	47	<5	<5	<3	2	<10	<2	0.1	3	5	44	<5
19830	Rock Chip	<0.1	13	15	6	29	<5	<5	<3	2	<10	<2	0.2	3	4	82	<5
19831	Rock Chip	0.3	36	46	347	2271	<5	6	<3	21	<10	<2	12.8	20	16	1193	<5
19832	Rock Chip	<0.1	18	24	33	198	<5	6	<3	4	<10	<2	1.2	4	7	243	<5
19833	Rock Chip	<0.1	11	12	<2	19	<5	5	<3	1	<10	<2	0.1	1	3	37	<5
19834	Rock Chip	<0.1	16	19	9	35	<5	<5	<3	2	<10	<2	0.2	3	5	51	<5
19861	Soil	<0.1	45	55	24	79	<5	5	<3	2	<10	<2	0.2	8	13	144	<5
19862	Soil	<0.1	38	42	22	59	<5	<5	<3	2	<10	<2	0.1	9	14	110	<5
19863	Soil	<0.1	30	38	19	82	6	6	<3	3	<10	<2	0.1	10	16	132	<5
19864	Soil	<0.1	26	29	22	73	<5	6	<3	2	<10	<2	0.1	9	13	105	<5
19865	Soil	<0.1	31	36	19	77	<5	<5	<3	2	<10	<2	<0.1	9	14	134	<5
19866	Soil	<0.1	29	33	15	77	<5	<5	<3	2	<10	<2	<0.1	9	13	137	<5
19867	Soil	<0.1	32	37	18	81	<5	<5	<3	2	<10	<2	0.1	9	14	138	<5
19868	Soil	<0.1	30	33	16	75	<5	<5	<3	2	<10	<2	<0.1	9	13	122	<5
19869	Soil	<0.1	30	35	20	79	<5	5	<3	2	<10	<2	<0.1	9	14	134	<5
19870	Soil	<0.1	31	34	16	77	<5	<5	<3	2	<10	<2	<0.1	9	13	129	<5
19871	Soil	<0.1	26	32	15	70	<5	<5	<3	2	<10	<2	<0.1	9	13	116	<5
19872	Soil	<0.1	33	39	17	80	6	5	<3	2	<10	<2	0.1	10	15	120	<5
19873	Soil	<0.1	28	31	15	67	<5	<5	<3	2	<10	<2	<0.1	8	12	91	<5
19874 Grab 2" lim-carb vein with qtz ≈ 300' E. of high grab pit subcrop	Rock Chip	1.1	3500	3566	761	320	53	9	<3	6	<10	<2	2.4	11	8	1208	<5
Minimum Detection		0.1	1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5
Maximum Detection		100.0	10000	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	10000	1000
Method		ICP	Geo	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

Tim's high grade vein zone

--=No Test ReC=ReCheck ins=Insufficient Sample m=Est/1000 %=Est % Max=No Est

iPL
INTERNATIONAL PLASMA LABORATORY LTD.

2036 Columbia Street
Vancouver, B.C.
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Phone (604) 879-7878
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Report: 9200773 R Cambior Exploration USA, Inc. Project: 304 Page 1 of 1 Section 2 of 2

Sample Name	Cr ppm	V ppm	Mn ppm	Co ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
19817	19	34	5355	<2	136	2	3	<0.01	0.26	14%	6.3%	5.25	0.07	0.02	0.02
19818	35	78	221	<2	195	6	4	<0.01	0.21	0.19	4.35	0.06	0.09	0.02	0.51
19819	63	37	587	19	43	1	2	<0.01	0.47	5.15	1.27	0.15	0.20	0.04	0.07
19820	140	13	321	24	11	1	2	0.01	0.42	0.87	1.27	0.09	0.23	0.05	0.07
19821	133	9	229	22	10	1	1	0.01	0.42	0.46	0.99	0.08	0.21	0.05	0.06
19822	110	26	505	32	15	1	4	0.05	0.79	0.57	2.04	0.43	0.41	0.04	0.09
19823	17	25	4946	6	99	1	1	<0.01	0.42	21%	4.91	0.25	0.15	0.02	0.03
19824	125	11	587	20	22	<1	2	<0.01	0.49	1.49	1.57	0.11	0.22	0.04	0.06
19825	132	14	514	22	13	2	2	0.02	0.73	0.29	1.44	0.20	0.25	0.05	0.05
19826	111	11	395	16	8	1	2	0.01	0.44	0.47	1.27	0.10	0.21	0.05	0.07
19827	29	32	4755	<2	65	1	1	<0.01	0.28	19%	5.0%	0.19	0.06	0.01	0.02
19828	219	3	321	2	6	<1	<1	<0.01	0.18	0.03	0.75	0.04	0.07	0.02	0.01
19829	151	14	419	25	18	1	2	0.01	0.54	0.81	1.38	0.12	0.25	0.05	0.07
19830	121	13	477	23	19	1	2	0.01	0.47	0.90	1.19	0.11	0.19	0.05	0.06
19831	21	60	5259	<2	204	1	1	<0.01	0.34	22%	5.6%	0.74	0.09	0.02	0.01
19832	113	15	1238	18	33	1	3	0.01	0.38	3.63	1.87	0.11	0.18	0.06	0.07
19833	110	10	273	15	19	1	2	<0.01	0.35	0.78	1.16	0.11	0.21	0.05	0.06
19834	116	13	600	9	24	<1	2	<0.01	0.41	0.23	1.58	0.05	0.25	0.05	0.07
19861	17	36	677	32	37	2	3	0.04	1.53	1.56	2.40	0.80	0.40	0.02	0.10
19862	21	39	548	28	29	4	4	0.02	1.57	0.37	2.63	0.55	0.37	0.02	0.04
19863	22	42	742	37	42	4	4	0.04	1.98	1.57	2.83	0.85	0.50	0.02	0.07
19864	18	37	669	29	37	3	4	0.04	1.50	0.58	2.47	0.59	0.37	0.02	0.10
19865	17	37	726	29	29	3	3	0.06	1.43	0.45	2.46	0.64	0.39	0.02	0.10
19866	17	36	784	28	29	3	4	0.06	1.46	0.40	2.52	0.60	0.38	0.02	0.10
19867	17	36	791	28	33	3	4	0.06	1.49	0.41	2.59	0.64	0.44	0.02	0.08
19868	17	38	734	27	27	4	4	0.05	1.39	0.35	2.70	0.60	0.41	0.02	0.07
19869	18	39	738	27	31	4	4	0.05	1.42	0.38	2.75	0.61	0.38	0.02	0.09
19870	16	36	740	27	36	2	3	0.04	1.35	0.49	2.53	0.62	0.40	0.02	0.09
19871	17	39	668	26	29	3	3	0.04	1.29	0.40	2.72	0.58	0.37	0.02	0.07
19872	19	44	677	34	28	3	5	0.05	1.81	0.42	3.01	0.66	0.47	0.02	0.07
19873	18	43	525	30	28	3	4	0.05	1.47	0.38	2.81	0.55	0.35	0.02	0.06
19874	15	30	3049	<2	73	1	1	<0.01	0.66	22%	3.12	0.45	0.24	0.02	0.02
Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

--=No Test ReC=ReCheck ins=Insufficient Sample m=Est/1000 %=Est % Max=No Est

Contact Wes over

8/27/92

Nick :

When @ Suizo spend some time in Sec 16 to see if we should try to pick it up.

Also Tim Conroy of Casa Grande called w/a property. He was sending info today and it should be here Monday (?). He has found veins 8-12' wide w/ 31% Cu, 100 oz Ag and .028 Au in a covered area. Wall rock is a porphyry Cu w/ grades of 1.28% oxide. His phone # is 602-466-5113. If we have the info by the time you leave give him a call if not check w/ Lorrie to see if and when it comes in. This one sounds to good to be true.

He said the assays were run 3 times because he didnt believe them.

Good hunting

RT10 (meet @ 6:30)

up Freeway towards Casa Grande (50 min drive)

15 miles past Red Rock

Sun Land Gin exit

make left motel & restaurant across bridge

Tim Conroy claim

CAMBIOR USA, INC. NO. 19817

ROCK: ☒ Date: 9/3/92

SOIL: ☐ State: Ariz

SED.: ☐ County: Pinal Co

Project: 304 Coyote view Tim Conroy

DRILL HOLE NO. _____ FROM _____ TO _____

Loc.: T 10 N (S); R 7 (E) (W); SE ¼; S 31

Quad: Greene Reservoir Scale 7.5

RX: disc. over 15' | Dump/ Tailings | Outcrop/ Float | Fresh/ Weathered

Outcrop Location: midslope (eastern most wash visited)

≈ East most exposure NO. _____

Sample Description:

Brecciated QTz / carbonate; pervasive lim as frac seams + massive fx matrix

weak Acid react, dom qtz, some chalc.

(≈ 15' wide trends S (ow))

CAMBIOR USA, INC. NO. 19818

ROCK: ☒ Date: 9/3/

SOIL: ☐ State: Ariz

SED.: ☐ County: Pinal

Project: 304 high grade pit Tim Conroy

DRILL HOLE NO. _____ FROM _____ TO _____

Loc.: T 10 N; R 17 (E) W; SE ¼; S 31

Quad: (S) Greene Reservoir Scale 7.5

RX: (Select Vn) Dump/Tailings (Outcrop/Float) (Fresh/Weathered)

Outcrop Location: Tim Conroy high grade pit 4' deep (vn level 2' deep in pit) NO. _____

Sample Description:

2" dense blue-green oxide & dk blue blk finely divided metallic material, abund dk red-brown FeOx, local cobalt blue coloration, some qtz

wall rx is hematitic very cr gr oracle granite, mineralization potentially 2'+ into ftwall, more restricted in hanging wall (still strong hem w/ local malach blebs)

ruby silver? argentite?, covellite?

CAMBIOR USA, INC. NO. 19819

ROCK: [X] Date: 9/3

SOIL: [ ] State: Ariz

SED.: [ ] County: Pima

Project: 3-4

DRILL HOLE NO. _____ FROM _____ TO _____

Loc.: T _____ N/S; R 7 E/W; SE 1/4; S 31

Quad: Greene Reservoir Scale _____

RX: Dump/ Tailings Outcrop/ Float Fresh/ Weathered

2'

Outcrop Location: (same site as 19818)

from pit (ft wall of view) NO. _____

Sample Description:

includes ≈ 10% same rx material as #818

brecciated - clay alt Oracle Granite, mostly

mod-strong frac-blab hem oxide

CAMBIOR USA, INC. NO. 19820

ROCK: [X] Date: 9/3

SOIL: [ ] State: Ariz

SED.: [ ] County:

Project: 304

DRILL HOLE NO. _____ FROM _____ TO _____

Loc.: T _____ N/S; R 7 E/W; SE ¼; S 31

Quad: Greene Reservoir Scale _____

RX: 2' cut

Dump/ Tailings

Outcrop/ Float

Fresh/ Weathered

Outcrop Location: ≈ 6' into hanging wall from high grade pit (on surface) NO. _____

Sample Description:

Orac Granite, cr gr mod-strong hem sericite,

frac trend N60E

CAMBIOR USA, INC. NO. 19821

ROCK: [X] Date: 9/3

SOIL: [ ] State: Ariz.

SED.: [ ] County:

Project: 304 near high grade pit

DRILL HOLE NO. _____ FROM _____ TO _____

Loc.: T _____ N/S; R 7 E/W; SE ¼; S 31

Quad: _____ Scale _____

RX: ≈ 2' Dump/Tailings Outcrop/Float Fresh/Weathered

Outcrop Location: 12' into hangwall from UW in pit (on surface) NO. _____

Sample Description:

Same as #19820

CAMBIOR USA, INC. NO. 19822

ROCK: [X] Date: 9/3

SOIL: [ ] State: Ariz

SED.: [ ] County:

Project: 304

DRILL HOLE NO. _____ FROM _____ TO _____

Loc.: T _____ N/S; R _____ E/W; SE ¼; S 31

Quad: _____ Scale _____

RX: Dump/Tailings Outcrop/Float Fresh/Weathered

Outcrop Location: ≈ 75' SW of pit from 12' deep in backfilled backhoe pit NO. _____

Sample Description:

Trace Granite; abund biotite, feldspar mostly alt to clay, pale pink orthoclase vy coarse, limonite oxide on frac/jts (weak) pale green coloration to clay alt?

CAMBIOR USA, INC. NO. 19823

ROCK: ☒ Date: 7/3

SOIL: ☐ State:

SED.: ☐ County:

Project: 304

DRILL HOLE NO. _____ FROM _____ TO _____

Loc.: T _____ N/S; R _____ E/W; NE 1/4; S 31

Quad: _____ Scale _____

RX: Select

Dump/ Tailings | Outcrop/ Float | Fresh/ Weathered

Outcrop Location:

≈200' NW of pit (light green) NO.

Sample Description:

2-3" red-brown lim-ten carbonate vn in Oracle Granite, dense, med dark lim color

CAMBIOR USA, INC. NO. 19824

ROCK: [X] Date: 9/3

SOIL: [ ] State: Ariz.

SED.: [ ] County:

Project: 304

DRILL HOLE NO. _____ FROM _____ TO _____

Loc.: T _____ N/S; R _____ E/W; NE ¼; S 31

Quad: _____ Scale _____

RX: Dump/ Tailings (Outcrop/ Float) (Fresh/ Weathered)

4' cut

Outcrop Location:

(same site as # 19823) NO.

Sample Description:

Oracle Granite; mod Lim

tr weak Cu oxide?,

biotite, weak clay alt

CAMBIOR USA, INC. NO. 19825

ROCK: ☒ Date: 9/3

SOIL: ☐ State: Ariz

SED.: ☐ County:

Project: 304

DRILL HOLE NO. _____ FROM _____ TO _____

Loc.: T _____ N/S; R _____ E/W; NE ¼; S 31

Quad: Greene Reservoir Scale _____

RX: Dump/ Tailings | Outcrop/ Float | Fresh/ Weathered

10'

Outcrop Location: x 300' N25W of high grade pit

NO. _____

Sample Description:

Orade Gray, low red, local ½-1" lim/carb veins

* over to South side

CAMBIOR USA, INC. NO. 19826

ROCK: [X] Date: 9/3

SOIL: [ ] State: Ariz

SED.: [ ] County: Pinal

Project: 304 Tim C. Start Sampling @ S. end

DRILL HOLE NO. _____ FROM _____ TO _____

Loc.: T 10 N (S); R 7 (E) W; SE ¼; S 31

Quad: Greene Reservoir Scale 7.5

RX: 10'

Dump/ Tailings

Outcrop/ Float

Fresh/ Weathered

Outcrop Location: base of boulder slope

E. most exposure NO. _____

Sample Description:

Oracle Granite; hom st. weak clay alt

local 3" qtz vn w/ scatl carb

& tr spec hem, abund pale biotite

CAMBIOR USA, INC. NO. 19827

ROCK: ☒ Date: 9/3

SOIL: ☐ State: Ariz

SED.: ☐ County: Pinal

Project:

DRILL HOLE NO. FROM TO

Loc.: T N/S; R E/W; SE ¼; S 31

Quad: Scale

RX: Dump/ Tailings Outcrop/ Float Fresh/ Weathered

Select

Outcrop Location: same site as #19826

NO.

Sample Description:

Banded, limonitic carb rx

1" + veins in hem st Oracle Granite

CAMBIOR USA, INC. NO. 19828

ROCK: [X] Date: 9/3

SOIL: [ ] State:

SED.: [ ] County:

Project:

DRILL HOLE NO. _____ FROM _____ TO _____

Loc.: T _____ N/S; R _____ E/W; _____ ¼; S _____

Quad: _____ Scale _____

RX: Select VN 3-4" | Dump/Tailings | Outcrop/Float | Fresh/Weathered

Outcrop Location: Same site as # P26, P27

NO. _____

Sample Description:

Qtz-carb VN, string lim bleb & frac

CAMBIOR USA, INC. NO. 19829

ROCK: ☒ Date: 9/3

SOIL: ☐ State:

SED.: ☐ County:

Project:

DRILL HOLE NO. FROM TO

Loc.: T N/S; R E/W; SE ¼; S 31

Quad: Scale

RX: Dump/ Tailings Outcrop/ Float Fresh/ Weathered

3'

Outcrop Location: ≈ 150' due W. down draw from

* 19826, 827, 828 NO.

Sample Description:

Orac Group; hem st., tour clats??

weak clay alt

CAMBIOR USA, INC. NO. 19830

ROCK: [X] Date: 9/3

SOIL: [ ] State:

SED.: [ ] County:

Project: 304

DRILL HOLE NO. _____ FROM _____ TO _____

Loc.: T _____ N/S; R _____ E/W; SW ¼; S 31

Quad: _____ Scale _____

RX: Dump/ Tailings Outcrop/ Float Fresh/ Weathered

4'

Outcrop Location:

≈ 120' W. down drainage of NO. 19829

Sample Description:

Orac Grey, similar hom oxidized

fract/vn trend; vent N40W

CAMBIOR USA, INC. NO. 19831

ROCK: ☑ Date: 9/3

SOIL: ☐ State: Ariz

SED.: ☐ County: Pinal

Project: 304

DRILL HOLE NO. _____ FROM _____ TO _____

Loc.: T _____ N/S; R _____ E/W; SW ¼; S 31

Quad: Greene Reservoir Scale 7.5

RX: 5" vn

Dump/Tailings Outcrop/Float Fresh/Weathered

Outcrop Location: (N 20E of Rx pt)

~ 200' W. down draw of + 1980 NO. _____

Sample Description:

Carb vn; strong lim-hem coloration

dense

frac spec hem

HAND

CAMBIOR USA, INC. NO. 19832

ROCK: [X] Date: 9/3

SOIL: [ ] State: Ariz

SED.: [ ] County: Pinal

Project:

DRILL HOLE NO. _____ FROM _____ TO _____

Loc.: T _____ N/S; R _____ E/W; SW ¼; S 31

Quad: _____ Scale _____

RX: Dump/ Tailings | Outcrop/ Float | Fresh/ Weathered

3'

Outcrop Location: W. side of draw

(N 10 E of Rx pt) NO. _____

Sample Description:

Orac Gran; lem red, sericite,

weak clay alt

CAMBIOR USA, INC. NO. 19833

ROCK: [X] Date: 9/3

SOIL: [ ] State:

SED.: [ ] County:

Project: 304

DRILL HOLE NO. _____ FROM _____ TO _____

Loc.: T _____ N/S; R _____ E/W; SW ¼; S 21

Quad: _____ Scale _____

RX: 5' Dump/Tailings Outcrop/Float Fresh/Weathered

Outcrop Location: N. side of draw

~75' down draw from #19832 NO.

Sample Description:

Orac Grav; (same lens n'd)

CAMBIOR USA, INC. NO. 19834

ROCK: [X] Date: 9/3

SOIL: [ ] State:

SED.: [ ] County:

Project:

DRILL HOLE NO. _____ FROM _____ TO _____

Loc.: T _____ N/S; R _____ E/W; SW ¼; S 31

Quad: _____ Scale _____

RX: Dump/ Tailings | Outcrop/ Float | Fresh/ Weathered

4'

Outcrop Location: in draw

N. 3° E of pt NO. _____

Sample Description:

Orac Gran, strong hem

START Soil line

CAMBIOR USA, INC. NO. 19861

ROCK: ☐ Date: 9/9/92

SOIL: ☒ State: Ariz

SED.: ☐ County:

Project: 304 TIMC. high grade on site

DRILL HOLE NO. _____ FROM _____ TO _____

Loc.: T 10 N (S); R 7 (E) (W); SE ¼; S 31

Quad: Greene Reservoir Scale 7.5

RX: Dump/ Tailings Outcrop/ Float Fresh/ Weathered

Outcrop Location: start @ pit run lines N-S

NO. _____

Sample Description:

Oracle granite subcrop

(200' line & grid stationing)

CAMBIOR USA, INC. NO. 19862

ROCK: ☐ Date: 9/9

SOIL: ☒ State:

SED.: ☐ County:

Project:

DRILL HOLE NO. _____ FROM _____ TO _____

Loc.: T _____ N/S; R _____ E/W; W/E ¼; S 31

Quad: _____ Scale _____

RX: Dump/Tailings Outcrop/Float Fresh/Weathered

Outcrop Location: 200' N of #861

_____ NO. _____

Sample Description:

Or Grav, subangp (from auger soil cutter)

CAMBIOR USA, INC. NO. 19863

ROCK: ☐ Date: 9/9

SOIL: ☒ State:

SED.: ☐ County:

Project:

DRILL HOLE NO. _____ FROM _____ TO _____

Loc.: T _____ N/S; R _____ E/W; NE ¼; S 31

Quad: _____ Scale _____

RX: Dump/Tailings Outcrop/Float Fresh/Weathered

Outcrop Location:

400' North of pit NO.

Sample Description:

CAMBIOR USA, INC. NO. 19864

ROCK: ☐ Date: 9/9

SOIL: ☒ State:

SED.: ☐ County:

Project:

DRILL HOLE NO. _____ FROM _____ TO _____

Loc.: T _____ N/S; R _____ E/W; NE ¼; S 31

Quad: _____ Scale _____

RX: Dump/Tailings Outcrop/Float Fresh/Weathered

Outcrop Location:

600' N of pit (up off line) NO.

Sample Description:

Dr Grey, crsr, fresh outcrop

near base of slope

CAMBIOR USA, INC. NO. 19865

ROCK: ☐ Date: 9/9

SOIL: ☒ State:

SED.: ☐ County:

Project:

DRILL HOLE NO. _____ FROM _____ TO _____

Loc.: T _____ N/S; R _____ E/W; SE ¼; S 31

Quad: _____ Scale _____

RX: Dump/Tailings Outcrop/Float Fresh/Weathered

Outcrop Location:

200' due S of high grade pit NO.

Sample Description:

pale lem st granite

CAMBIOR USA, INC. NO. 19866

ROCK: ☐ Date: 9/9

SOIL: ☒ State:

SED.: ☐ County:

Project:

DRILL HOLE NO. _____ FROM _____ TO _____

Loc.: T _____ N/S; R _____ E/W; SE ¼; S 31

Quad: _____ Scale _____

RX: Dump/Tailings Outcrop/Float Fresh/Weathered

Outcrop Location:

400' S of pit NO.

Sample Description:

(Save)

CAMBIOR USA, INC. NO. 19867

ROCK: ☐ Date: 9/9

SOIL: ☒ State:

SED.: ☐ County:

Project:

DRILL HOLE NO. _____ FROM _____ TO _____

Loc.: T _____ N/S; R _____ E/W; SE ¼; S 21

Quad: _____ Scale _____

RX: Dump/Tailings Outcrop/Float Fresh/Weathered

Outcrop Location:

600' S. of pit NO.

Sample Description:

(Same)

CAMBIOR USA, INC. NO. 19868

ROCK: ☐ Date: 9/9

SOIL: ☑ State:

SED.: ☐ County:

Project:

DRILL HOLE NO. _____ FROM _____ TO _____

Loc.: T _____ N/S; R _____ E/W; SE ¼; S 31

Quad: _____ Scale _____

RX: Dump/Tailings Outcrop/Float Fresh/Weathered

Outcrop Location:

800' S of pit NO.

Sample Description:

CAMBIOR USA, INC. NO. 19869

ROCK: ☐ Date: 9/9

SOIL: ☒ State:

SED.: ☐ County:

Project:

DRILL HOLE NO. _____ FROM _____ TO _____

Loc.: T _____ N/S; R _____ E/W; SE ¼; S 31

Quad: _____ Scale _____

RX: Dump/Tailings Outcrop/Float Fresh/Weathered

Outcrop Location:

1000' S. of pit NO.

Sample Description:

(same)

CAMBIOR USA, INC. NO. 19870

ROCK: ☐ Date: 9/9

SOIL: ☑ State:

SED.: ☐ County:

Project:

DRILL HOLE NO. _____ FROM _____ TO _____

Loc.: T _____ N/S; R _____ E/W; SE ¼; S 31

Quad: _____ Scale _____

RX: Dump/Tailings Outcrop/Float Fresh/Weathered

Outcrop Location:

120' S. of pit NO.

Sample Description:

Sand

CAMBIOR USA, INC. NO. 19871

ROCK: ☐ Date: 9/9

SOIL: ☒ State:

SED.: ☐ County:

Project:

DRILL HOLE NO. _____ FROM _____ TO _____

Loc.: T _____ N/S; R _____ E/W; SE ¼; S 31

Quad: _____ Scale _____

RX: Dump/Tailings Outcrop/Float Fresh/Weathered

Outcrop Location:

1400' S of pit NO.

Sample Description:

(same)

CAMBIOR USA, INC. NO. 19872

ROCK: ☐ Date: 9/9

SOIL: ☒ State:

SED.: ☐ County:

Project:

DRILL HOLE NO. _____ FROM _____ TO _____

Loc.: T _____ N/S; R _____ E/W; SE ¼; S 31

Quad: _____ Scale _____

RX: Dump/Tailings Outcrop/Float Fresh/Weathered

Outcrop Location:

1600' S. of pit NO.

Sample Description:

scarce (approaching tortoise area)

CAMBIOR USA, INC. NO. 19873

ROCK: ☐ Date: 9/9/92

SOIL: ☒ State: Ariz

SED.: ☐ County:

Project:

DRILL HOLE NO. _____ FROM _____ TO _____

Loc.: T _____ N/S; R _____ E/W; SE ¼; S 31

Quad: _____ Scale _____

RX: Dump/Tailings Outcrop/Float Fresh/Weathered

Outcrop Location: 1800' S. of pit at edge of draw, within 100' of base of slope

NO.

Sample Description:

(last soil in line)

last Samp

CAMBIOR USA, INC. NO. 19874

ROCK: ☒ Date: 9/9/92

SOIL: ☐ State: Ariz

SED.: ☐ County: Pinal

Project: 304 Tim C

DRILL HOLE NO. _____ FROM _____ TO _____

Loc.: T 10 N/S; R 7 E/W; SE ¼; S 31

Quad: Greene Reservoir Scale 7.5

RX: Grab

Dump/ Tailings

Outcrop/ Float

Fresh/ Weathered

Outcrop Location: local vn subcrop

_____ NO. _____

Sample Description:

2" lim carbonate vn with thin interlayed qtz on outer edges, dense

free MnOx

Tr lavender stain to QTz

contains micro Bx frags of QTz

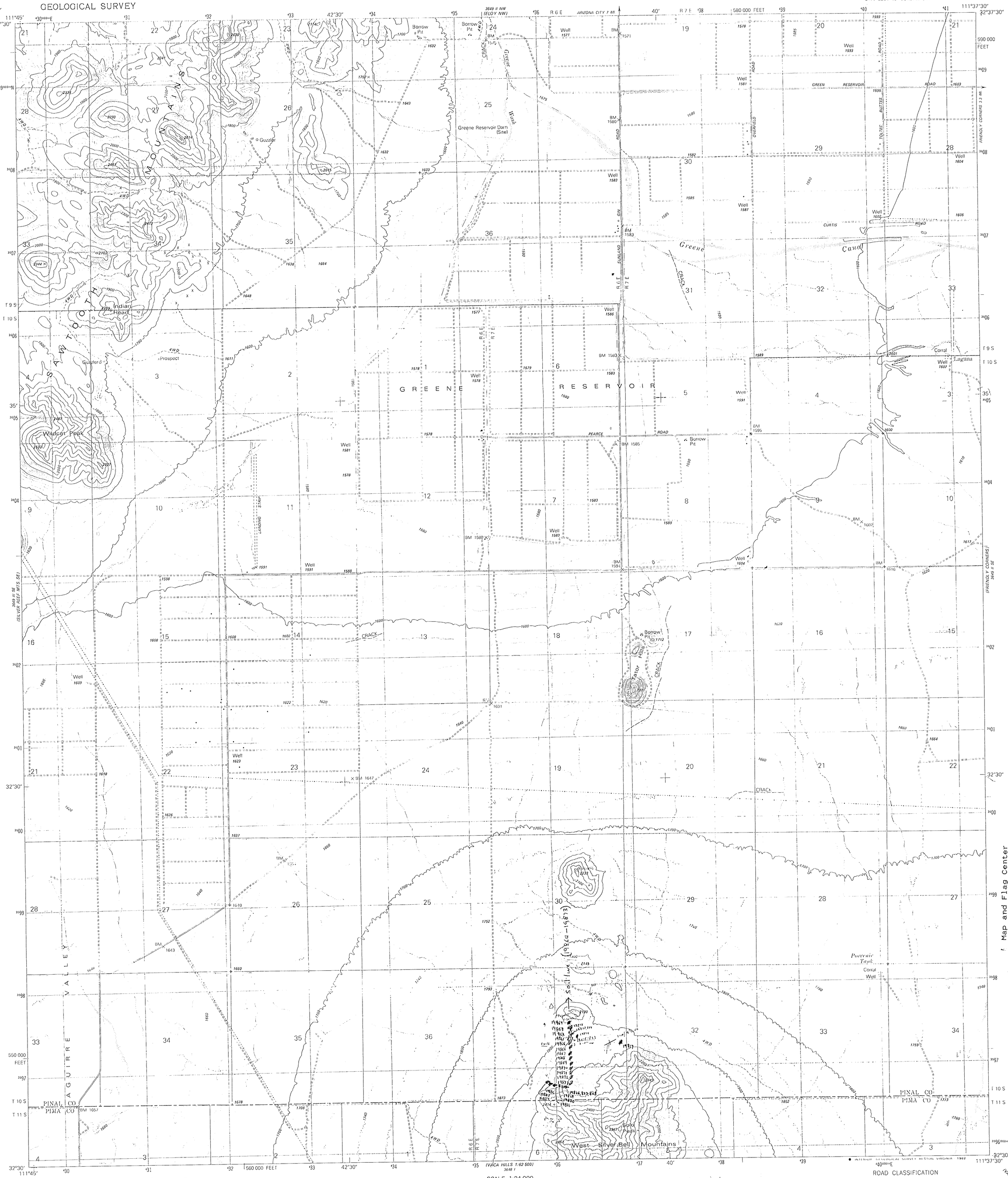
local healed micro frac texture

discontinuous float on surface

HAND

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

GREENE RESERVOIR QUADRANGLE
ARIZONA
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 ELOY 15' QUADRANGLE



Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1976. Field checked 1977. Map edited 1981

Projection and 10,000-foot grid ticks: Arizona coordinate system, central zone (transverse Mercator)
1000-meter Universal Transverse Mercator grid, zone 12
1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 4 meters south and 64 meters east as shown by dashed corner ticks

Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked

A portion of the east half of this map lies within a subsidence area
Vertical control based on latest available adjustment

UTM GRID AND 1981 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 20 FEET
SUPPLEMENTARY CONTOUR INTERVAL 5 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

ROAD CLASSIFICATION

Primary highway, hard surface
Light-duty road, hard or improved surface
Secondary highway, hard surface
Unimproved road
Interstate Route
U. S. Route
State Route

GREENE RESERVOIR, ARIZ.
SW/4 ELOY 15' QUADRANGLE
N3230—W11137.5/7.5

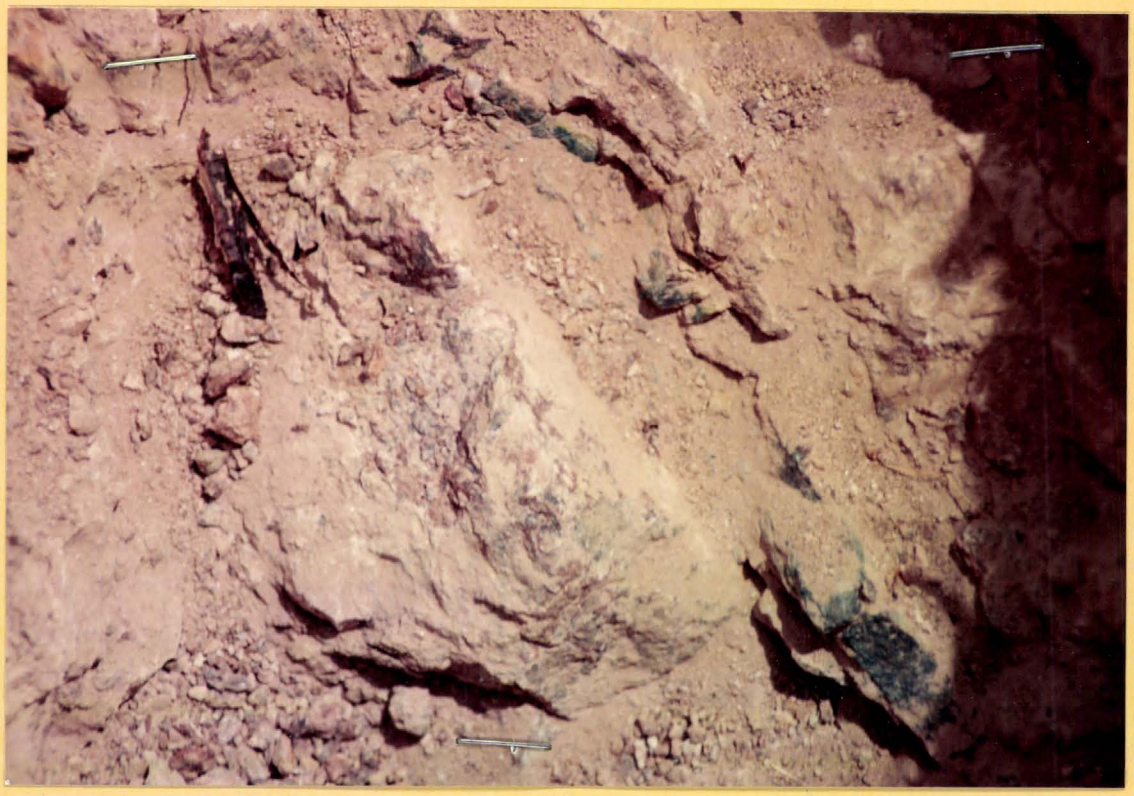
1981

DMA 3649 II SW—SERIES V898

Map and Flag Center
RESERVOIR 7.5

Outcrop (Coyote Vein)

Massive Limonite (Coyote Vein)



Cu_2O Veinlet 31.01% Cu. 101.9 Ag. .028 Au.

Small veinlets in Porphyry 200 Yds. below Coyote Vein.

Clay Fields, Veins are buried beneath.

August 27 1992

re: mineral exploration (copper)

Legal description:

County.	Pinal
Township	10.0.S
Range	07.0.E
Section	31

From; Timothy Conroy
P.O. box 539
Arizona City, Az. 85223
Ph. (602) 466-5113

To; Randy Moore

The area of exploration is approximatly 35 miles SSE of Casa Grande Arizona in what is the start of the Vaca valley, the northwest end of the Silverbell mountains concludes here, this area lies on a gentle pediment with small rolling hills and facing west. The Cypress Lakeshore mine lies about 26 miles WSW and the Silverbell mine some 24 miles ESE, the geology being somewhat similar to the Silverbell district.

The country rock is granitic in nature, a small stock of quartz monzonite intrudes an area of volcanic action that surrounds the periphery, this volcanic area extends from the Sawtooth mountains through the Picacho peak and Raggety top (Silverbell) area to the Silverreef mountains further west, in turn the monzonite has been intruded by extensive sills and dikes of diabase, the diabase sills are some distance from the mineralized areas but the dikes in places are extant, pegmatite and thin dikes of sugary aplite also run through the area, no limestone beds have formed although a very strong leaching of lime is indicated.

The mineralization undoubtedly comes from a swarm of veins that strike NNE, these veins range from ¼ inch to 8 feet in width, the dips are no more than a few degrees vertical east to west, only when the silica content (quartz) is prevalent do they outcrop above the surface. For the most part these veins are soft and the oxidized cappings are slightly below the the surface, digging into empty small crevices running with the strike usually finds the outcrop within a foot of the surface, the capping being red/maroon to ocher yellow in color.

Had it not been for a steep dipping narrow ravine these veins would have been difficult to locate, from that ravine to where they surface is about a half mile.

The alteration from the veins is prolific, tremendous amounts of clay has formed and buried the surface, areas to the north which are slightly mineralized and to the south produce little clay although they too lie on a pediment, this westerly argillic alteration has a clay field/horizon over a mile in circumference, most of the clay has been identified as a Kaolin (dickite-nacrite) and the rest is probably montimorillite, much of this clay has nodules of limonite buried in it. Almost certainly this clay was produced from a breakdown of silicates caused by hydrothermal alteration around and in the sulfides within the veins, even in the steep wash/ravine where the veins are exposed clay seems to be pumping from the walls and red porphyry surrounding them.

Quartz is abundant throughout the vein zones, but is discordant in respect to the strike of the veins, quartz will commonly replace gouge and sheared walled rock then split and veer in another direction, milky white quartz boulders are often found in the clayey washes some distance from the veins, nodules of calcite are also common along these washes, this calcite seems to be a evaporite as little carbonate has been noticed in or around the veins, of course only 5 percent of the porphyry is visible and less then that of the veins.

I hesitate to call these veins and veinlets a stockwork as that is more a mining term then a geological definition, I don't know whether the veins branch off or have splits in them, the ground will have to be opened to find out, there is evidence that a fault line has changed the veins to a horsetail type system further north and up-strike.

Three years ago a sample of quartz float was assayed and the sample held high values, little was done about the find as drilling was taking place a half mile further north and the source (outcrop) of the sample was never located. Recently a shallow channel was cut into the porphyry some 200 yards down and west of the large veins, this area is just before the clay fields, small veinlets of iron oxide were following the strike of the big veins going SSW, about two feet deep the FeO2(?) veinlets were replaced with Cuprous oxide and tripled in width, clay and a very hard maroon porphyry encased these veinlets, the Cu2O was tentatively identified as a dark red cuprite, but after samples were assayed this seems unlikely, the assays contained 31.01 Cu, and 101.9 Ag, Au held a respectable .028. These high values are of course confined to the veinlets and the immediate surrounding porphyry and do not represent the area in whole, yet I see no reason why the larger veins and veinlets shouldn't be as mineralized.

In researching this area there is no indication that past exploration on any scale has been attempted, this section as well as the surrounding land is sometimes used as a grazing area when rain fall is heavy, many of the surrounding sections were ceded to the State by the federal government in the last 30 years, I have had exploration permits on much of this area for the past 12 years, but only recently were the veins and mineralization of the area located, I feel that this area which lies in a great copper zone has the potential for a moderate sized mine with higher then normal metal values than most of the large disseminated porphyry copper mines of the southwest, but testing on a scale that large is beyond most individuals resources, Nyal Niemuth a mining engineer and director of the States dept. of mines and mineral resources suggested I contact you, I would like you to see this property and get your evaluation hereto. Thank you for taking the time to read this brief summary, best wishes to you and your people.

Sincerely;

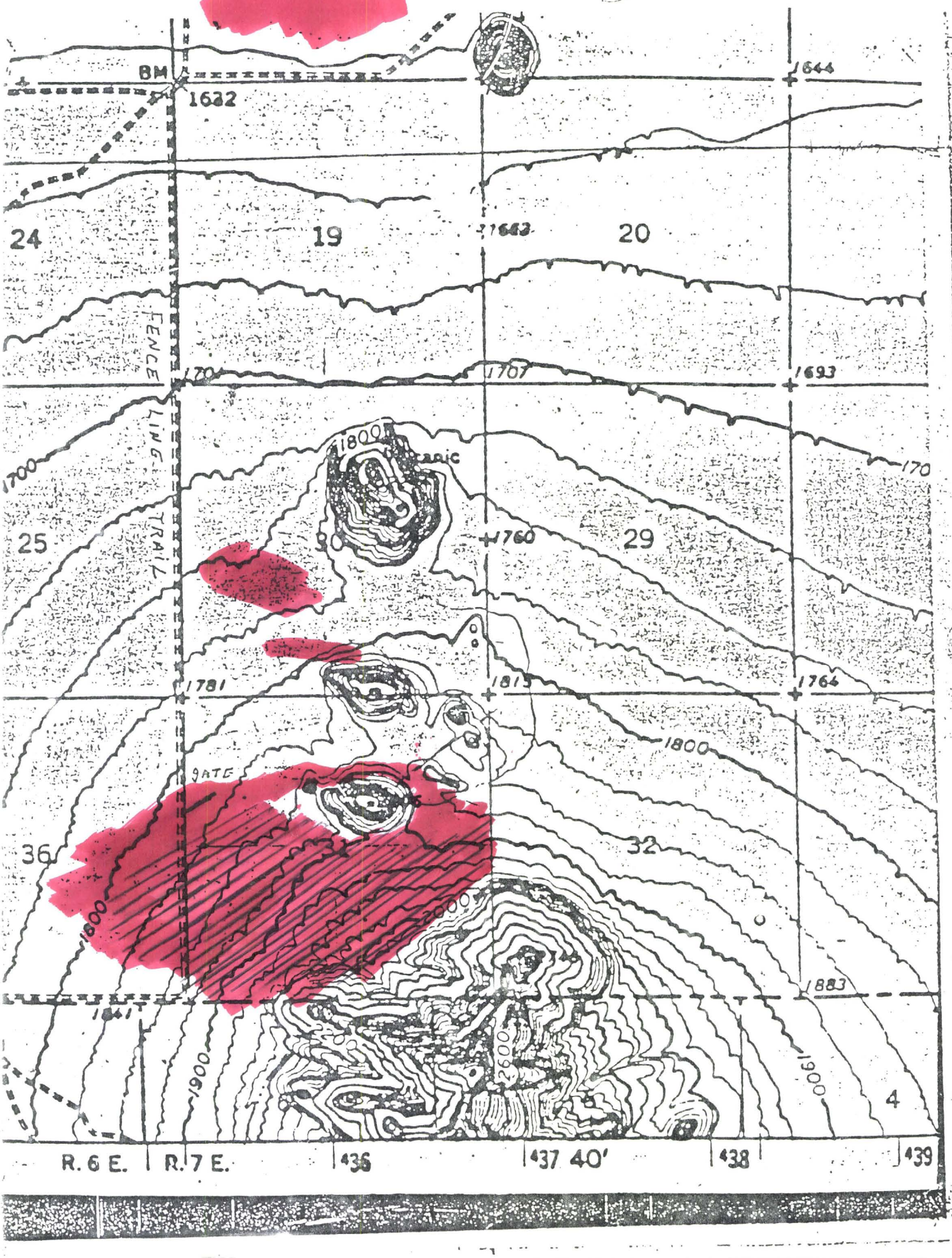
Tim Carey

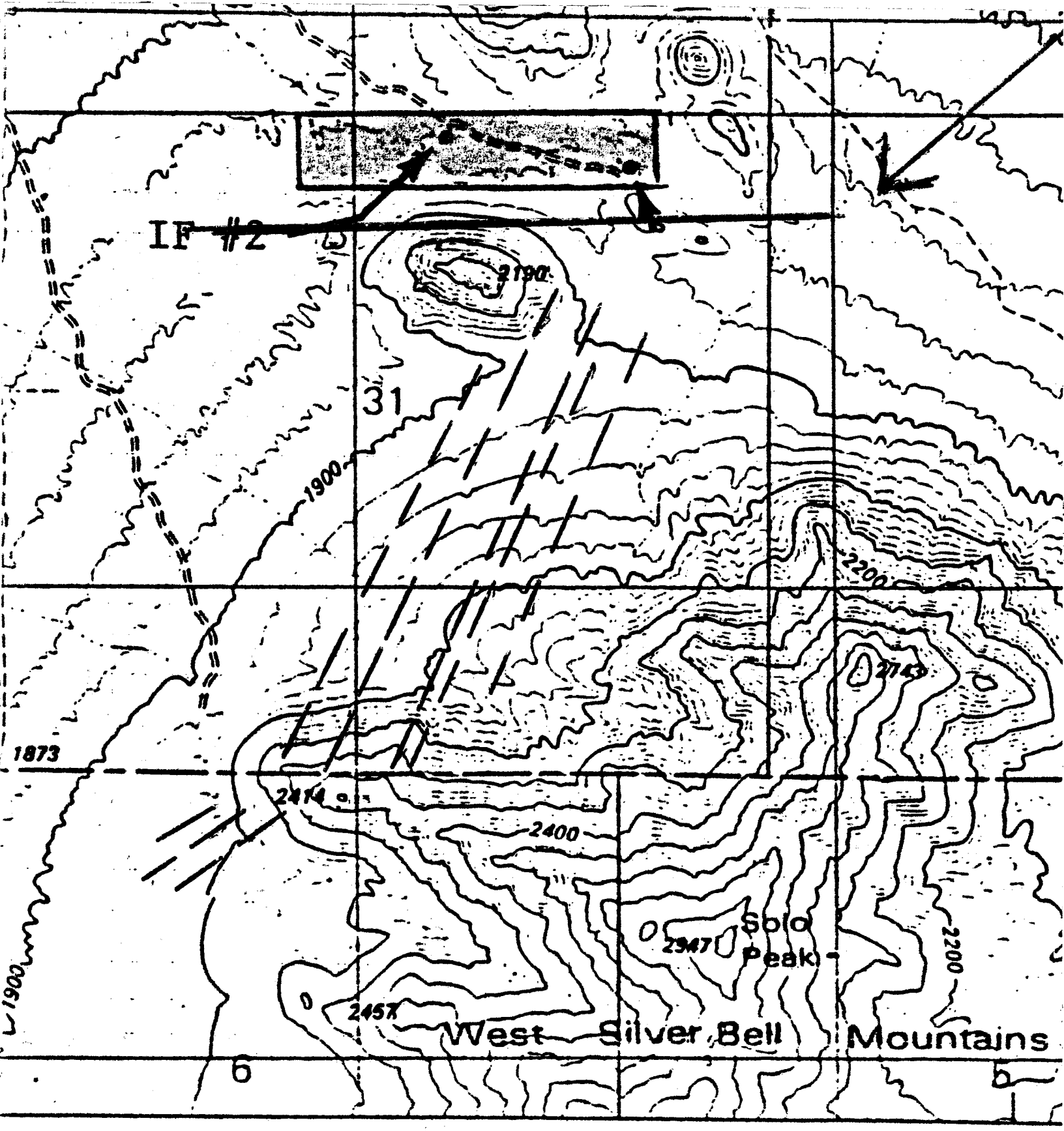
REC - CAMBIOR USA

AUG 3 1 1992

(2)

MINERALIZED PORPHYRY





SCALE 1:24 000

½ 0

0 1000 2000 3000 4000 5000 6000 700

.5 0 1 KILOMET

FISSURE FAULT

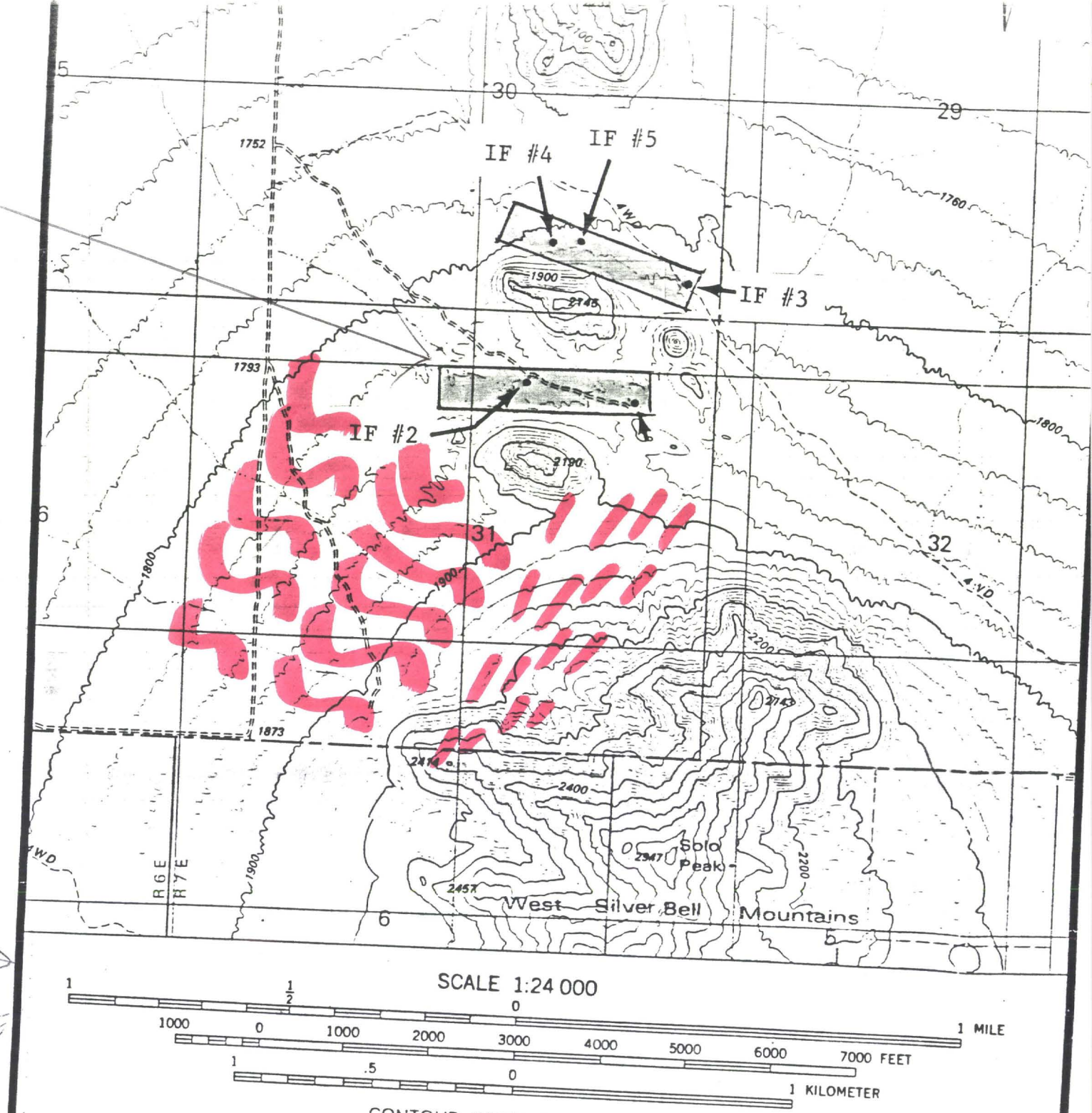
VEINS

CLAY FIELDS

SSSSS

SILVERBELL MINE
24 MILES

CYPRESS LAKESHORE
26 MILES



Fax. (602) 622-0813

Jacobs Assay Office

Registered Assayers, Estab. 1880

Ph. (602) 622-0813

Certificate No .....

1435 S. 10th Ave. Tucson, AZ 85713

8/10/92 19

Sample Submitted By Mr. Tim Conroy

SAMPLE MARKED	GOLD Ozs. per ton ore		~~GOLD Value per ton ore *~~		SILVER Ozs. per ton ore		~~LEAD Per cent Wet Assay~~		COPPER Per cent Wet Assay		~~Per cent Wet Assay~~		~~Per cent Wet Assay~~	
			$											
2-1	0	.028			101	.9			31	.01%				

Charges $ .....

Very respectfully,

Fax. (602) 622-0813

Jacobs Assay Office

Registered Assayers, Estab. 1880

Ph. (602) 622-0813

Certificate No .....

1435 S. 10th Ave. Tucson, AZ 85713

1/14/92 19.....

Sample Submitted By Mr. Tim Conroy

SAMPLE MARKED	GOLD Ozs. per ton ore	~~GOLD Value per ton ore~~	~~SILVER Ozs. per ton ore~~	~~LEAD Per cent Wet Assay~~	COPPER Per cent Wet Assay	Mo Per cent Wet Assay	~~Per cent Wet Assay~~
		$					
1	TRACE				0.20%	<0.001%	
2	TRACE		94.06		25.03%		

REGISTERED ASSAYER CERTIFICATE NO. 11620 MICHAEL C. JACOBS Date Expired 1/1/93 Arizona U.S.A.

Very respectfully,

Charges $ PAID

COPPER STATE ANALYTICAL LAB, INC.

ARIZONA STATE CERTIFIED LAB NO. 0078

710 E. EVANS • TUCSON, AZ 85713

PH. (602) 884-5811 PH. (602) 797-0788

D.A. SHAH
REGISTERED ASSAYER
AZ REG. # 8888

IN BUSINESS SINCE 1966

Mr. Timothy Conroy
P.O. Box 539
Arizona City, Arizona 85223

Job: 18549
Received: 01/19/89
Reported: 01/31/89
Sample No.: 3
Elements: 4

Elements Units	Cu %	Au OPT	Ag OPT	Mo %	
32B S#2	0.05	0.002	<0.05	<0.001	
32B S#1	0.48	0.009	6.8	<0.001	
31-A*	8.42	0.196	17.8	<0.001	... quartz near Coyote vein.

*Select Sample..... Float, Source from Coyote veins.

REGISTERED ASSAYER
CERTIFICATE NO. 3888
Dhyanendra Amrutlal Shah
DATE SIGNED
Arizona U. S. A.

==========END REPORT==========

****
* OMAC SYSTEMS *
****
* 521 E BROADWAY RD *
* MESA, AZ 85204 *
* 602-962-5999 *
****

REGISTERED ASSAYER
CERTIFICATE NO. 20200
CRAIG R. McGHAN
Date Signed 18 JAN 1991
ARIZONA, U.S.A.

ANALYTICAL REPORT

CLIENT: Tim Conroy

DATE: 1/18/91

Route 2 Box 650 C-8

WORK ORDER NUMBER: 8449

Casa Grande AZ 85222

Omac Systems Analysis Results 1/18/91 Page: 1

SAMPLE NUMBER: 844901 TYPE OF ANALYSIS:Fire/AA
SAMPLE DESCRIPTION:Wall-Hang Vein B
NOTES:

Au	Ag	Cu	
0.0510	0.0976	0.0023	..... quartz crop near coyote vein.
oz/ton	oz/ton	%	

NOTE: We believe this analysis to be accurate and correct to the best of our ability. Results are reported with four decimal places, however, Gold values are accurate to three decimals or five digits and Silver values are accurate to two decimals or four digits. Bullions are accurate to two decimal places.

We Appreciate Your Business!

Tim Conroy Submittal
West Silver Bell Mtns Pinal Co, Ariz

iPL
INTERNATIONAL PLASMA LABORATORY LTD.

2036 Columbia Street
Vancouver, B.C.
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898

Report: 9200773 R Cambior Exploration USA, Inc. Project: 304 Page 1 of 1 Section 1 of 2

Sample Name	Type	Ag ppm	Cu ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Ti ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm
19817	Rock Chip	0.6	13	19	244	1980	<5	12	3	5	<10	<2	7.2	26	26	71	<5
19818 2" select vein in pit	Rock Chip	0.1m	27%	28%	8458	438	475	52	10	15	<10	179	<0.1	5	5	5	77
19819 2' in pit F.wall of vein	Rock Chip	8.5	1800	1770	448	70	<5	5	<3	2	<10	<2	0.4	3	3	80	<5
19820 2' H.wall 6' from pit	Rock Chip	0.7	130	148	10	24	<5	6	<3	2	<10	<2	0.2	3	5	31	<5
19821 2' H.wall 12' from pit	Rock Chip	0.3	40	48	11	26	<5	5	<3	1	<10	<2	0.1	2	5	32	<5
19822 Grab 75' sw of pit	Rock Chip	0.1	69	74	10	65	<5	5	<3	1	<10	14	<0.1	7	7	63	<5
19823	Rock Chip	0.3	35	39	121	1021	<5	9	<3	6	<10	<2	3.7	13	11	589	<5
19824	Rock Chip	<0.1	27	33	20	207	<5	<5	<3	2	<10	<2	0.4	4	6	59	<5
19825	Rock Chip	<0.1	19	23	14	52	<5	<5	<3	2	<10	<2	0.2	4	7	68	<5
19826	Rock Chip	<0.1	19	21	13	47	<5	5	<3	1	<10	<2	0.1	3	6	47	<5
19827	Rock Chip	0.4	27	27	356	3281	<5	7	<3	10	<10	<2	17.2	19	14	929	<5
19828	Rock Chip	0.2	75	93	22	39	<5	7	<3	2	<10	<2	0.2	2	5	67	<5
19829	Rock Chip	<0.1	13	14	11	47	<5	<5	<3	2	<10	<2	0.1	3	5	44	<5
19830	Rock Chip	<0.1	13	15	6	29	<5	<5	<3	2	<10	<2	0.2	3	4	82	<5
19831	Rock Chip	0.3	36	46	347	2271	<5	6	<3	21	<10	<2	12.8	20	16	1193	<5
19832	Rock Chip	<0.1	18	24	33	198	<5	6	<3	4	<10	<2	1.2	4	7	243	<5
19833	Rock Chip	<0.1	11	12	<2	19	<5	5	<3	1	<10	<2	0.1	1	3	37	<5
19834	Rock Chip	<0.1	16	19	9	35	<5	<5	<3	2	<10	<2	0.2	3	5	51	<5
19861	Soil	<0.1	45	55	24	79	<5	5	<3	2	<10	<2	0.2	8	13	144	<5
19862	Soil	<0.1	38	42	22	59	<5	<5	<3	2	<10	<2	0.1	9	14	110	<5
19863	Soil	<0.1	30	38	19	82	6	6	<3	3	<10	<2	0.1	10	16	132	<5
19864	Soil	<0.1	26	29	22	73	<5	6	<3	2	<10	<2	0.1	9	13	105	<5
19865	Soil	<0.1	31	36	19	77	<5	<5	<3	2	<10	<2	<0.1	9	14	134	<5
19866	Soil	<0.1	29	33	15	77	<5	<5	<3	2	<10	<2	<0.1	9	13	137	<5
19867	Soil	<0.1	32	37	18	81	<5	<5	<3	2	<10	<2	0.1	9	14	138	<5
19868	Soil	<0.1	30	33	16	75	<5	<5	<3	2	<10	<2	<0.1	9	13	122	<5
19869	Soil	<0.1	30	35	20	79	<5	5	<3	2	<10	<2	<0.1	9	14	134	<5
19870	Soil	<0.1	31	34	16	77	<5	<5	<3	2	<10	<2	<0.1	9	13	129	<5
19871	Soil	<0.1	26	32	15	70	<5	<5	<3	2	<10	<2	<0.1	9	13	116	<5
19872	Soil	<0.1	33	39	17	80	6	5	<3	2	<10	<2	0.1	10	15	120	<5
19873	Soil	<0.1	28	31	15	67	<5	<5	<3	2	<10	<2	<0.1	8	12	91	<5
19874 Grab 2" lim-carb vein with qtz ≈ 300' E. of high grab pit subcrop	Rock Chip	1.1	3500	3566	761	320	53	9	<3	6	<10	<2	2.4	11	8	1208	<5
Minimum Detection		0.1	1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5
Maximum Detection		100.0	10000	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	10000	1000
Method		ICP	Geo	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

Tim's high grade vein zone

--=No Test ReC=ReCheck ins=Insufficient Sample m=Est/1000 %=Est % Max=No Est

PAGE NO

PREPARED BY

DATE

Property consists of one narrow mineralized vein ~3" thick w/ 27% Cu + 60 oz Ag.
Host is Laramide QD with no alteration.
No further interest.

executive®

August 27 1992

re: mineral exploration (copper)

Legal description:

County.	Pinal
Township	10.0.S
Range	07.0.E
Section	31

From; Timothy Conroy
P.O. box 539
Arizona City, Az. 85223
Ph. (602) 466-5113

To; Randy Moore

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Sincerely;

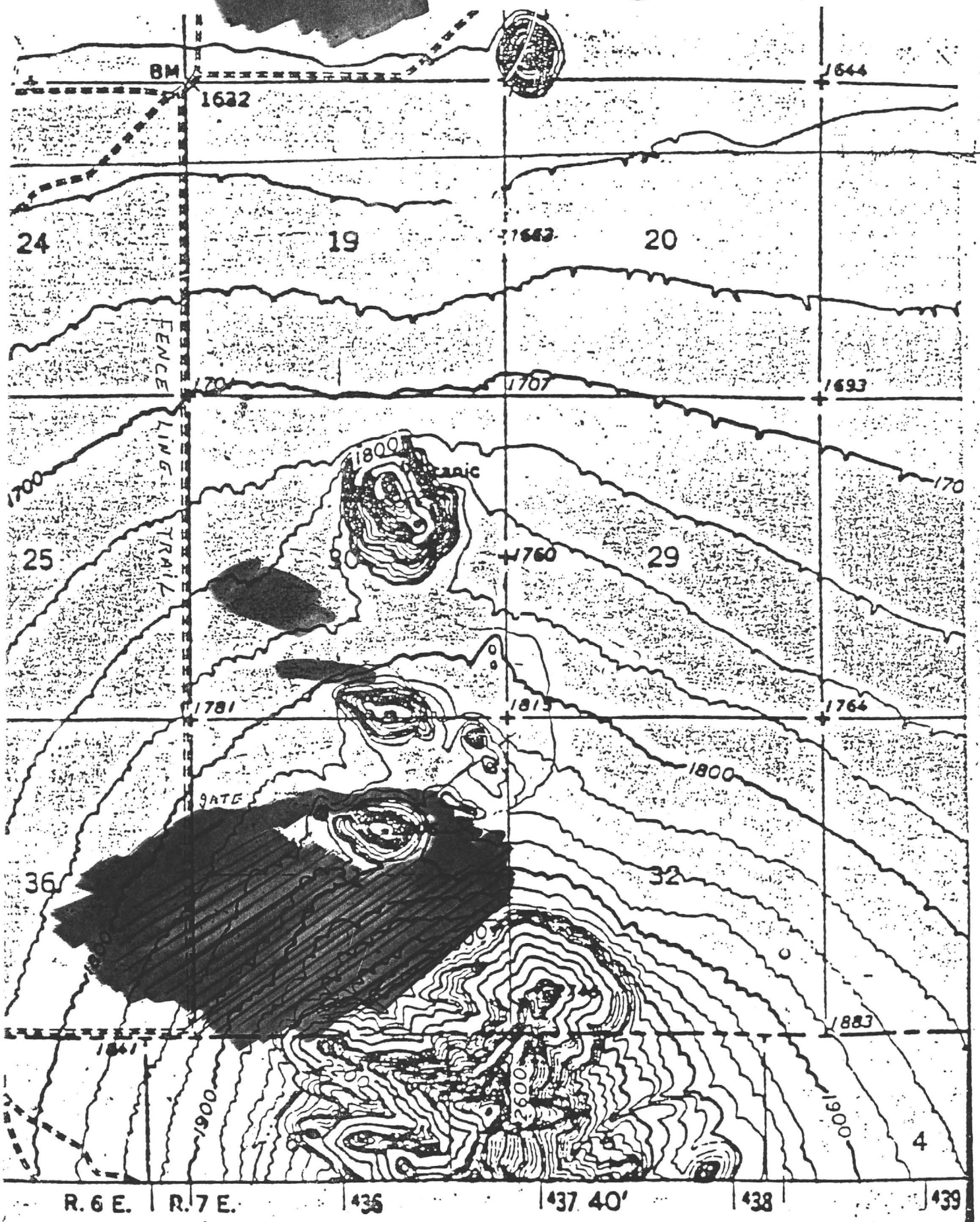
Tim Cam

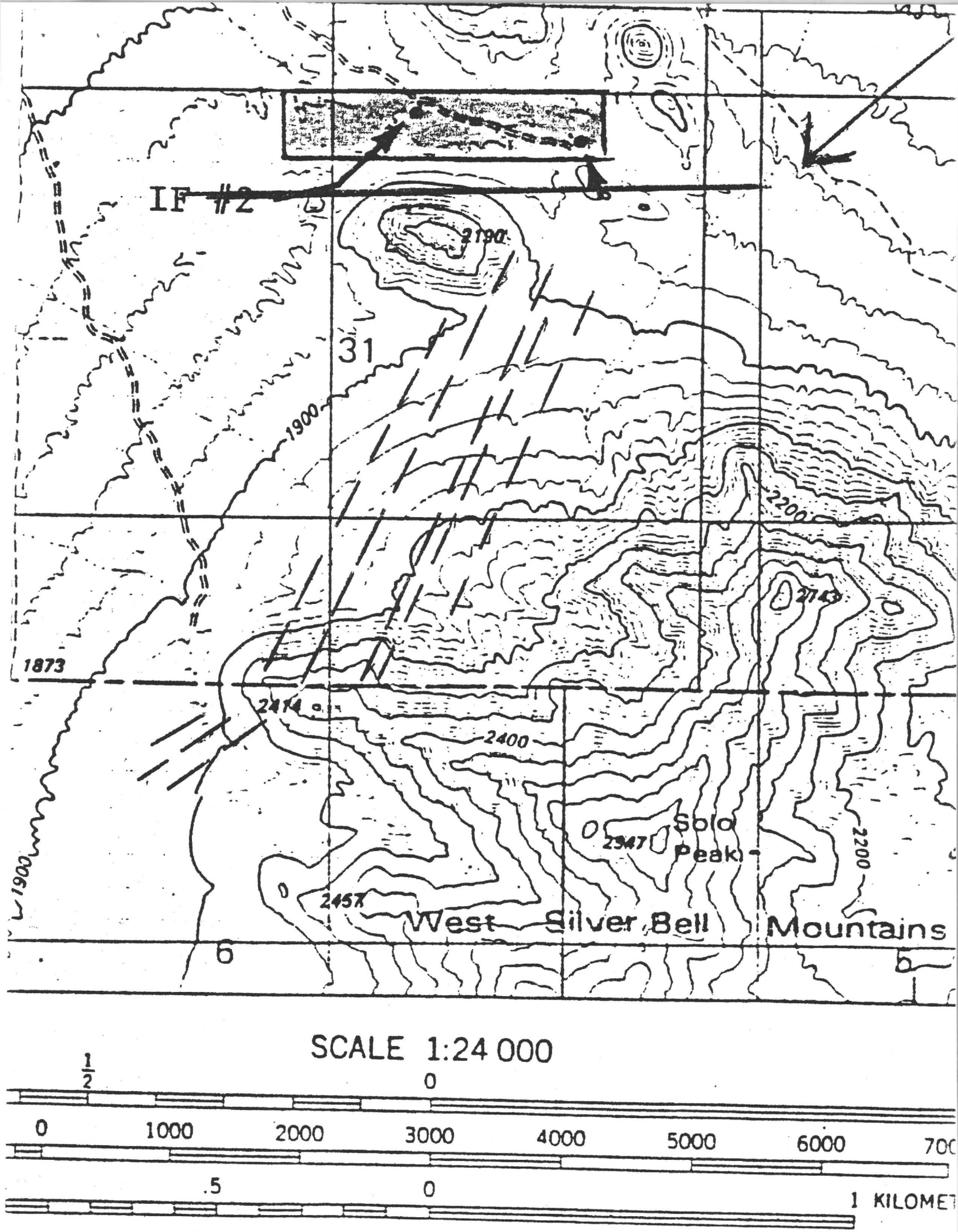
REC - CAMBIOR USA

AUG 3 1 1992

(2)

MINERALIZED PORPHYRY

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FISSURE FAULT

VEINS

CLAY FIELDS

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24 MILES

CYPRESS LAKESHORE
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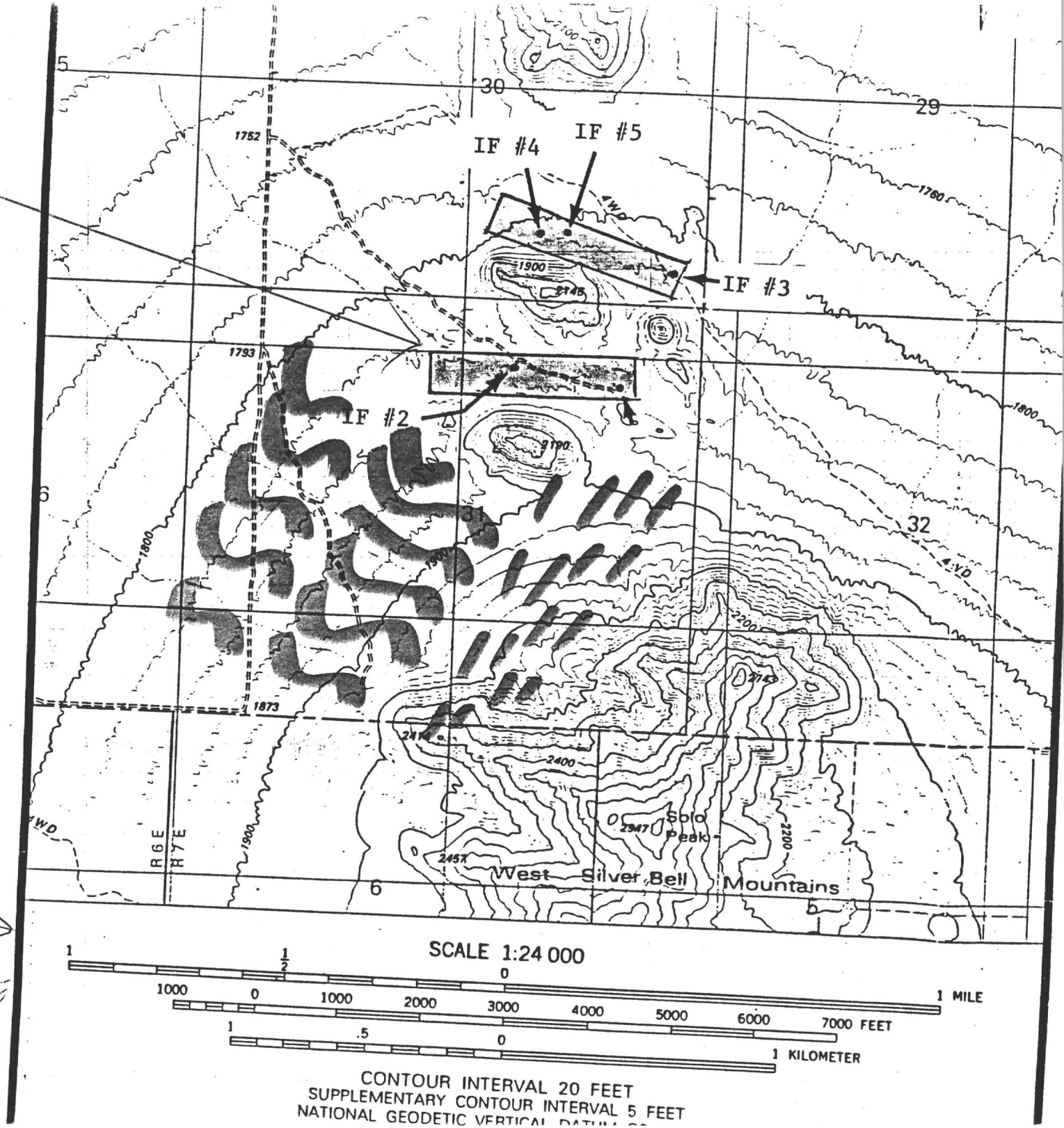

Fax. (602) 622-0813

Jacobs Assay Office

Registered Assayers, Estab. 1880

Ph. (602) 622-0813

Certificate No .....

1435 S. 10th Ave. Tucson, AZ 85713

8/10/92 19.....

Sample Submitted By Mr. Tim Conroy

SAMPLE MARKED	GOLD Ozs. per ton ore		~~GOLD Value per ton ore~~		SILVER Ozs. per ton ore		~~LEAD Per cent Wet Assay~~		COPPER Per cent Wet Assay		~~..... Per cent Wet Assay~~		~~..... Per cent Wet Assay~~	
			$											
2-1	0	.028			101	.9			31	.01%				

Charges $ .....

Very respectfully,

Fax. (602) 622-0813

Jacobs Assay Office

Registered Assayers, Estab. 1880

Ph. (602) 622-0813

Certificate No .....

1435 S. 10th Ave. Tucson, AZ 85713

1/14/92 19.....

Sample Submitted By Mr. Tim Conroy

SAMPLE MARKED	GOLD Ozs. per ton ore	GOLD Value per ton ore *	SILVER Ozs. per ton ore	LEAD Per cent Wet Assay	COPPER Per cent Wet Assay	MO Per cent Wet Assay	S Per cent Wet Assay
1	TRACE	$			0.20%	<0.001%	
2	TRACE		94.06		25.03%		

REGISTERED ASSAYER CERTIFICATE NO. 1120 Arizona U.S.A.

Charges $ PAID

Very respectfully,

COPPER STATE ANALYTICAL LAB, INC.

ARIZONA STATE CERTIFIED LAB NO. 0078

710 E. EVANS • TUCSON, AZ 85713

PH. (602) 884-5811 PH. (602) 797-0788

D.A. SHAH
REGISTERED ASSAYER
AZ REG. # 8888

IN BUSINESS SINCE 1966

Mr. Timothy Conroy
P.O. Box 539
Arizona City, Arizona 85223

Job: 18549
Received: 01/19/89
Reported: 01/31/89
Sample No.: 3
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Elements Units	Cu %	Au OPT	Ag OPT	Mo %	
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*Select Sample..... Float, Source from Coyote veins.

REGISTERED ASSAYER
CERTIFICATE NO. 8888
Dhyanendra Amrutlal Shah
DATE SIGNED
Arizona U. S. A.

==========END REPORT==========

****
* O M A C S Y S T E M S *
****
* 521 E BROADWAY RD *
* MESA, AZ 85204 *
* 602-962-5999 *
****

A N A L Y T I C A L R E P O R T

REGISTERED ASSAYER CERTIFICATE NO. 20300 CRAIG R. McGHAN Date Signed 18 JAN 1991 ARIZONA, U.S.A.

CLIENT: Tim Conroy

DATE: 1/18/91

Route 2 Box 650 C-8

WORK ORDER NUMBER: 8449

Casa Grande AZ 85222

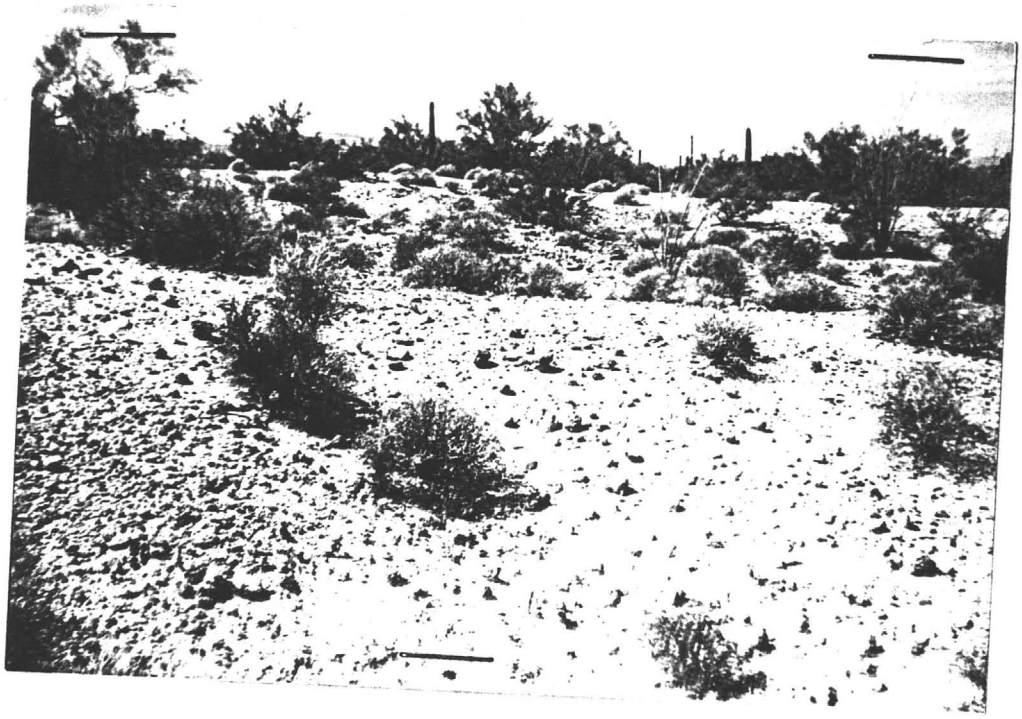
Omac Systems Analysis Results 1/18/91 Page: 1

SAMPLE NUMBER: 844901 TYPE OF ANALYSIS:Fire/AA
SAMPLE DESCRIPTION:Wall-Hang Vein B
NOTES:

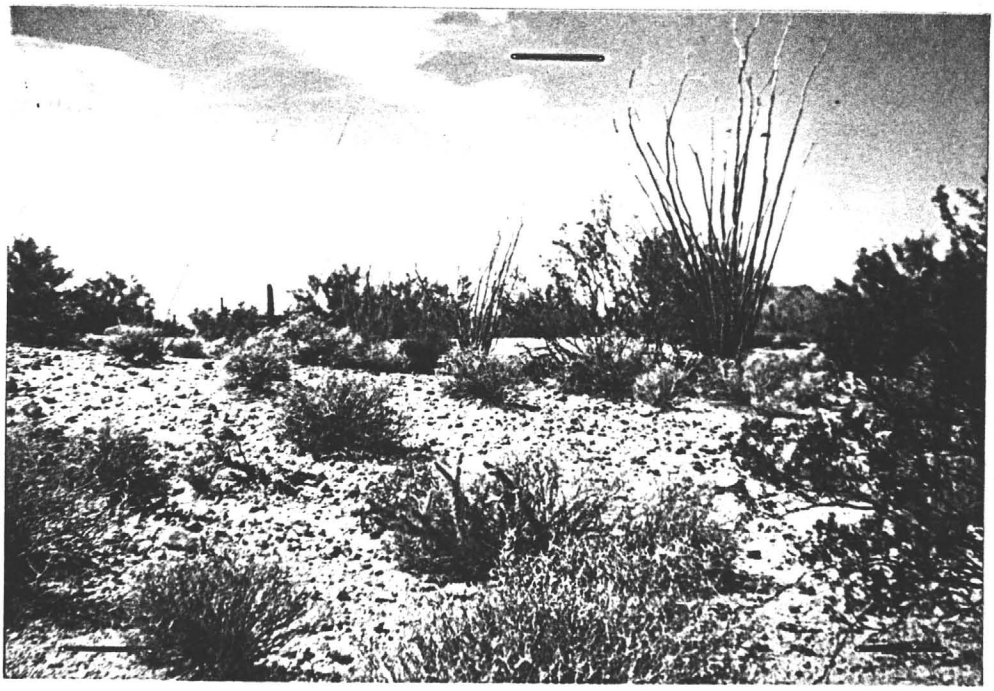
Au	Ag	Cu	
0.0510	0.0976	0.0023	..... quartz crop near coyote vein.
oz/ton	oz/ton	%	

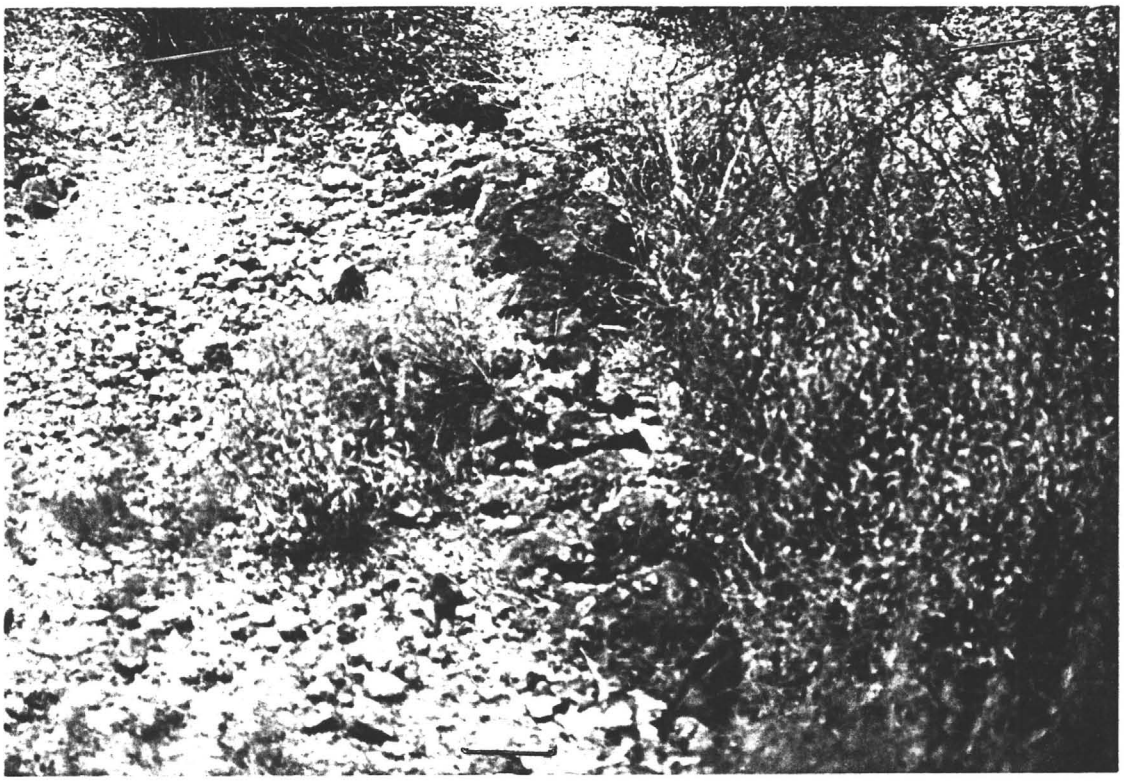
NOTE: We believe this analysis to be accurate and correct to the best of our ability. Results are reported with four decimal places, however, Gold values are accurate to three decimals or five digits and Silver values are accurate to two decimals or four digits. Bullions are accurate to two decimal places.

We Appreciate Your Business!



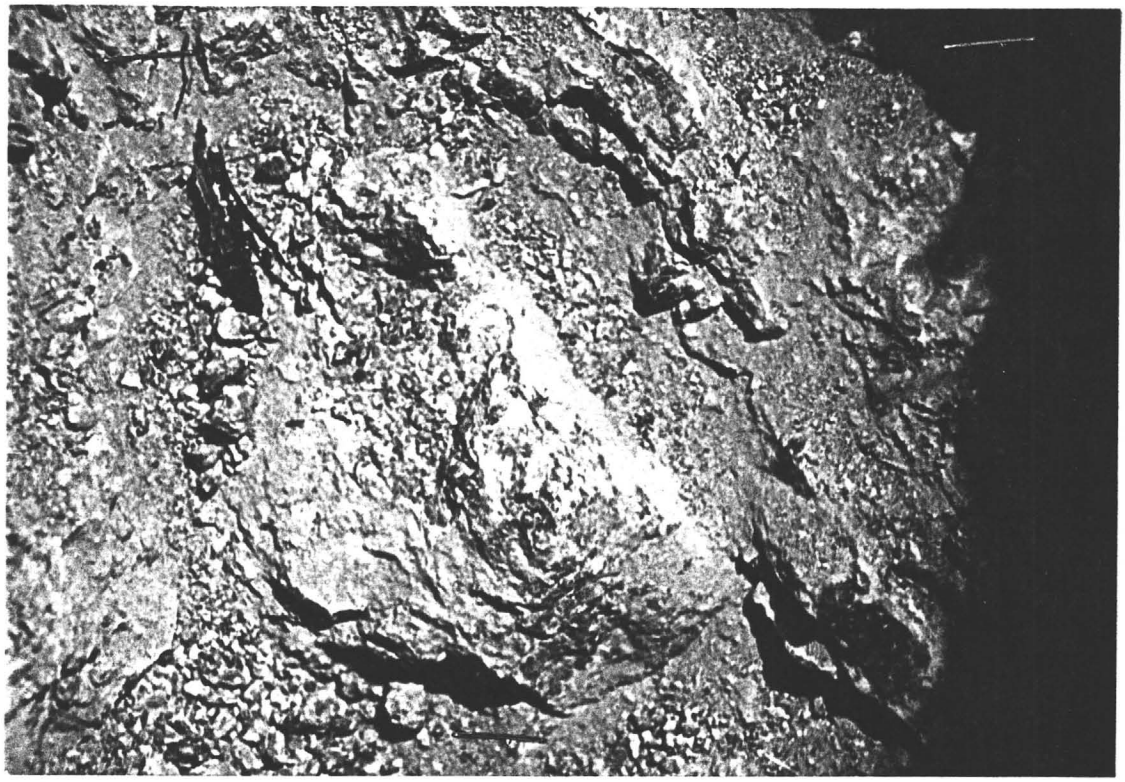
Clay Fields, Veins are buried beneath.





Outcrop (Coyote Vein)

Massive Limonite (Coyote Vein)



Cu_2O Veinlet 31.01% Cu. 101.9 Ag. .028 Au.

Small veinlets in Porphyry 200 Yds. below Coyote Vein.