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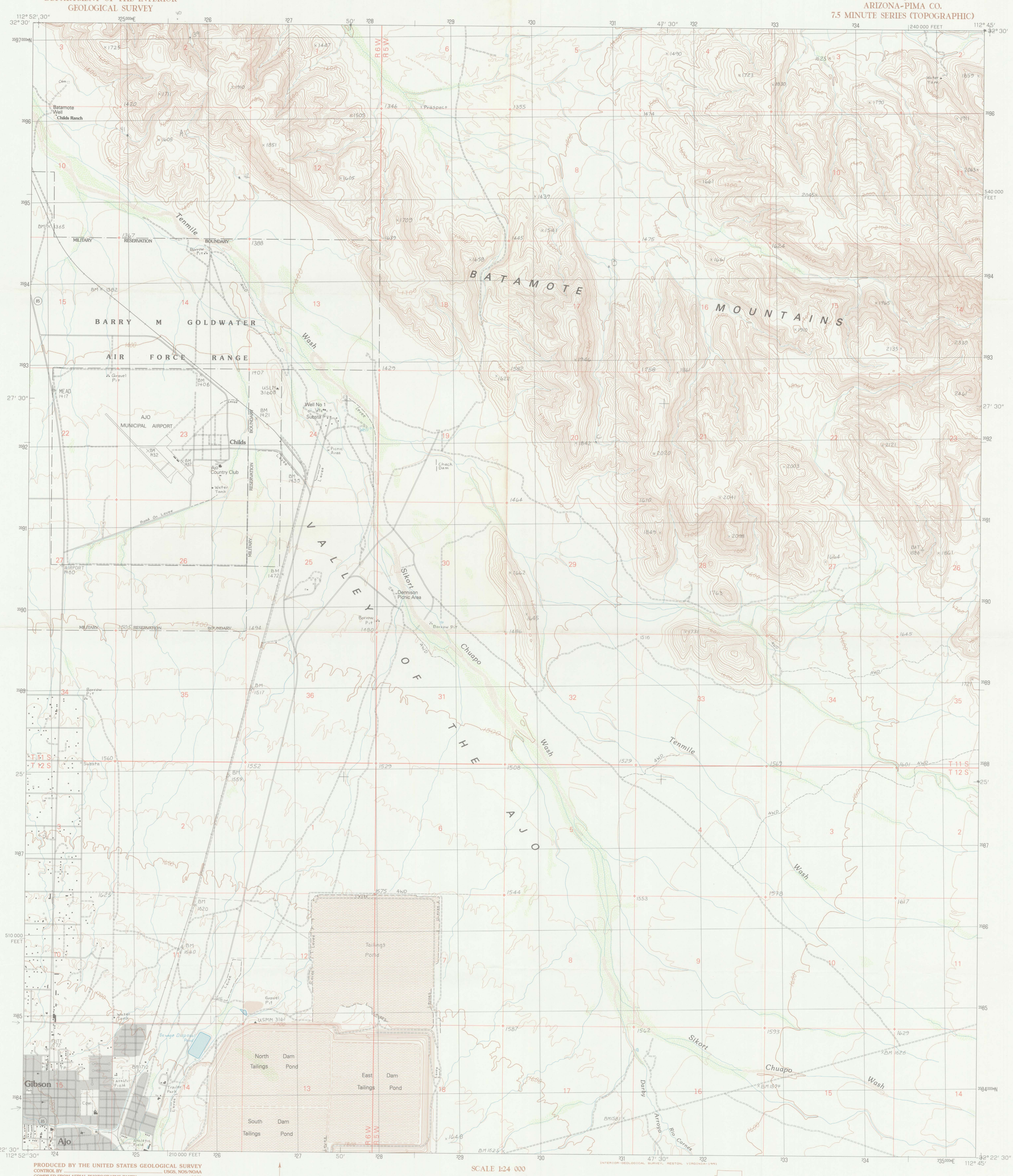
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

AJO NORTH QUADRANGLE
ARIZONA-PIMA CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY ..... USGS, NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1961
FIELD CHECKED 1963
LIMITED REVISION FROM AERIAL PHOTOGRAPHS TAKEN 1985
FIELD CHECKED ..... 1988. MAP EDITED 1990
PROJECTION ..... TRANSVERSE MERCATOR
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 12
10,000 FOOT STATE GRID TICKS ..... ARIZONA, CENTRAL ZONE
UTM GRID DECLINATION ..... 0°58′ WEST
1990 MAGNETIC NORTH DECLINATION ..... 12° EAST
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM

To place on the predicted North American Datum of 1983, move the projection lines as shown by dashed corner ticks (5 meters south and 67 meters east)
There may be private inholdings within the boundaries of any Federal and State Reservations shown on this map
Gray tint indicates area in which selected buildings are shown
Public Land Survey System is shown as published in 1963 and verified or supplemented in 1988

NORTH

PROVISIONAL MAP
Produced from original manuscript drawings. Information shown as of date of field check.

SCALE 1:24 000

KILOMETERS 0 .5 1 2
METERS 0 1000 2000
MILES 0 .5 1
FEET 1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000

CONTOUR INTERVAL 20 FEET
To convert feet to meters multiply by .3048
To convert meters to feet multiply by 3.2808

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225
OR RESTON, VIRGINIA 22092

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1991

ARIZONA
QUADRANGLE LOCATION

1	2	3	1 Midway SW 2 Deadman Gap 3 Hat Mountain SW 4 Childs Mountain 5 Burro Gap 6 Chico Shanie 7 Ajo South 8 Sikort Chuapo
4		5	
6	7	8	

ADJOINING 7.5′ QUADRANGLE NAMES

ROAD LEGEND
Improved Road
Unimproved Road
Trail
Interstate Route U.S. Route State Route

AJO NORTH, ARIZONA
PROVISIONAL EDITION 1990
32112-D7-TF-024

CAMBIOR

April 27, 1994

Brad Bassore
P.O. Box 4028
Albuquerque, NM 87196

Re: Batamote Property

Dear Brad:

After reviewing the biogeochem data, I am convinced that the samples are not anomalous and represent background values. After talking to Shea Clark Smith, there is a strong possibility that the plants were contaminated by the smelter and tailing dust. A landsat image of the area clearly shows wind blown contamination from the tailings towards the Batamote range.

I have enclosed some biogeochem data from Mineral Butte and Vekol as a comparison. For your information Bondar-Clegg gives metal concentration as ash weight while IPL converts it back to dry weight. As a reference, ash weight numbers are approximately 30X higher than dry weight numbers (i.e. Management likes to see big numbers!).

At this time, Cambior will not engage in any exploration activity on your property. Thank you for submitting your property to Cambior.

Sincerely,

CAMBIOR EXPLORATION USA, INC.

Laurence Gaborit
Project Geologist

LG:lat

Cambior Exploration USA, Inc.

230 South Rock Blvd., Suite #23, Reno, Nevada 89502-2345, USA, Telephone 702-856-5189, Fax 702-856-4549

Wikieup Cu-Mo prospect, Mohave County, Arizona: This copper-molybdenum occurrence was the subject of a Masters Thesis in 1977. The property is located 55 miles southeast of Kingman, Arizona and lies on the trend of Mineral Park and Bagdad. The area is characterized by a magnetic low over a Laramide (?) quartz monzonite body. A ground magnetic survey confirmed the anomaly obtained by aeromagnetic survey.

The author conducted geological mapping and soil sampling in 1971 through 1973. He describes the mineralization as disseminated and vein-type. Pyrite is the most common mineral followed by chalcopyrite, molybdenite and bornite. Secondary chalcocite was observed in only a few samples. The author also tentatively recognized phyllic and potassic alteration.

He collected approximately 1200 soil samples with values ranging from 8 to 4200 ppm for copper and 0 to 550 ppm for molybdenum. The approximate size of the area enclosed by the 550 ppm copper contour is 4200 feet by 3200 feet. At the time of his work 13 air rotary holes had been drilled in the Precambrian rocks with no economical values. One diamond drill hole (997') drilled on a molybdenum high from a soil sample never penetrated the quartz monzonite porphyry as expected.

The property has definitely not been tested adequately. Field investigation will follow during the month.

Batamote Mountains, Pima County, Arizona: A widespread copper anomaly was discovered in the Batamote Mountains located 10 miles northeast of Ajo by the USGS in 1982. Detailed stream-sediment and heavy-mineral concentrate sampling was undertaken by the USGS to determine the nature and distribution of this anomaly. A total of 101 stream sediment samples were collected with copper values ranging from 30 to 280 ppm values. Two anomalous areas were defined and spatially associated with a series of north to northwest striking normal faults. These anomalies were best explained as being the result of primary hydrothermal mineralization and dispersion along normal faults. The possibility of airborne contamination from the Ajo smelter located 5 to 10 miles south-southwest of the study area was not eliminated.

Results from recent vegetation sampling done in one of the anomalous area by the owner of the claims (controlling seven square miles) revealed the possibility of a buried target beneath the Miocene Batamote andesite. Although his sampling technique is highly questionable, values of 100 to 200 ppm copper were obtained frequently. It is not clear if these results represent background values since they may have been contaminated by windblown dust from the smelter and tailings from the Ajo mine.

The area is characterized by a magnetic low and is located on the Jemez Lineament upon which Ajo and Casa Grande porphyry copper deposits lie. The property will be investigated in more detail before a decision is made to pursue this possible buried target.

BONDAR-CLEGG

Geochemical Lab Report

Inchcape Testing Services

REPORT: R93-10437.0 (COMPLETE)

CLIENT: BASIN PETROLEUM
PROJECT: NONE GIVEN

REFERENCE:

SUBMITTED BY: B. BASSORE

DATE PRINTED: 17-JUN-93

	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD
1	Au	Gold	16	5 PPB	FIRE ASSAY	FIRE ASSAY @ 10 G
2	Ag	Silver	16	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
3	Cu	Copper	16	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
4	Pb	Lead	16	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
5	Zn	Zinc	16	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
6	Mo	Molybdenum	16	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
7	Ni	Nickel	16	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
8	Co	Cobalt	16	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
9	Cd	Cadmium	16	1.0 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
10	Bi	Bismuth	16	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
11	As	Arsenic	16	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
12	Sb	Antimony	16	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
13	Fe	Iron	16	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
14	Mn	Manganese	16	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
15	Te	Tellurium	16	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
16	Ba	Barium	16	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
17	Cr	Chromium	16	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
18	V	Vanadium	16	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
19	Sn	Tin	16	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
20	W	Tungsten	16	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
21	La	Lanthanum	16	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
22	Al	Aluminum	16	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
23	Mg	Magnesium	16	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
24	Ca	Calcium	16	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
25	Na	Sodium	16	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
26	K	Potassium	16	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
27	Sr	Strontium	16	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
28	Y	Yttrium	16	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
S SOIL	15	1 -80	15	DRY, SIEVE -80	15
R ROCK	1	2 -150	1	CRUSH/SPLIT & PULV.	1

REMARKS: Assay of high Cu to follow on R93-10437.6

REPORT COPIES TO: MR. BRAD BASSORE

INVOICE TO: MR. BRAD BASSORE

Soils and Malachite

BONDAR-CLEGG

Geochemical Lab Report

Inchcape Testing Services

REPORT: R93-10437.0 (COMPLETE)

DATE PRINTED: 17-JUN-93
PROJECT: NONE GIVEN

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
12		6	<.2	71	10	35	<1	9	5	<1.0	<5	6	<5	1.55	204	<10	90	13	24	<20	<20	13	0.82	0.46	0.87	<.01	0.19	48	6
14		<5	<.2	121	12	42	1	11	5	<1.0	<5	<5	<5	1.59	237	<10	101	13	23	<20	<20	14	1.01	0.56	1.07	0.02	0.24	55	7
16 SS		<5	<.2	181	16	46	<1	11	6	<1.0	<5	6	<5	1.64	253	<10	113	14	24	<20	<20	14	1.08	0.61	1.43	<.01	0.24	69	7
19 SS		<5	<.2	164	17	49	<1	12	6	<1.0	<5	<5	<5	1.77	266	<10	112	15	26	<20	<20	16	1.17	0.66	1.17	0.01	0.27	63	8
20 SS		<5	<.2	38	6	38	<1	10	5	<1.0	<5	<5	<5	1.74	230	<10	86	16	27	<20	<20	15	0.94	0.47	0.39	<.01	0.22	30	6
23		<5	<.2	125	13	39	<1	10	5	<1.0	<5	<5	<5	1.63	228	<10	91	15	24	<20	<20	14	0.97	0.50	0.68	<.01	0.22	35	7
26 SS		<5	<.2	118	12	39	2	10	5	<1.0	<5	<5	<5	1.60	237	<10	96	14	24	<20	<20	14	0.99	0.58	2.16	<.01	0.24	69	7
29 SS		<5	<.2	74	12	37	1	9	5	<1.0	<5	<5	<5	1.52	208	<10	95	13	21	<20	<20	13	0.95	0.52	0.90	<.01	0.21	63	6
31 SS		<5	<.2	55	10	34	<1	10	5	<1.0	<5	<5	<5	1.95	210	<10	77	19	38	<20	<20	13	0.72	0.40	0.58	0.02	0.16	34	5
33		<5	<.2	105	12	37	<1	10	5	<1.0	<5	<5	<5	1.54	223	<10	95	14	23	<20	<20	13	0.93	0.50	1.10	<.01	0.22	54	6
36 SS		<5	<.2	118	14	39	<1	9	5	<1.0	<5	<5	<5	1.47	210	<10	97	12	20	<20	<20	13	0.93	0.52	0.89	0.03	0.21	53	6
38 SS		6	<.2	125	13	41	<1	10	6	<1.0	<5	<5	<5	1.59	226	<10	105	13	23	<20	<20	14	0.98	0.56	1.02	0.02	0.22	57	7
46 SS		32	<.2	28	7	43	<1	12	6	<1.0	<5	<5	<5	1.75	298	<10	123	15	24	<20	<20	16	1.22	0.63	1.15	0.03	0.30	58	8
49 SS		8	<.2	144	16	41	<1	10	5	<1.0	<5	<5	<5	1.60	229	<10	98	14	23	<20	<20	14	0.99	0.54	0.90	<.01	0.22	44	7
56		14	<.2	109	12	37	3	9	5	<1.0	<5	<5	<5	1.55	213	<10	105	13	24	<20	<20	13	0.90	0.53	0.90	<.01	0.19	52	6
1T		84	1.8	>20000	18	42	24	4	1	<1.0	<5	<5	<5	2.71	170	27	729	90	13	<20	<20	13	0.38	0.05	0.14	0.03	0.19	46	2

) Malachite sample.

BONDAR-CLEGG

Geochemical Lab Report

Inchcape Testing Services

DATE PRINTED: 17-JUN-93

REPORT: R93-10437.0 (COMPLETE)

PROJECT: NONE GIVEN

STANDARD NAME	ELEMENT UNITS	Au PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
ANALYTICAL BLANK		<5	<.2	-	<2	<1	<1	<1	<1	<1.0	<5	-	<5	<.01	<1	<10	<2	<1	<1	<20	<20	<1	<.01	<.01	<.01	<.01	<.01	<1	<1
Number of Analyses		1	1	-	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		3	0.1	-	1	0.5	0.5	0.5	0.5	0.5	3	-	3	.005	0.5	5	1	0.5	0.5	10	10	0.5	.005	.005	.005	.005	.005	0.5	0.5
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		5	0.2	1	2	1	1	1	1	1.0	5	5	5	0.01	1	10	2	1	1	20	20	1	0.01	0.01	0.01	0.01	0.01	1	1
GS89-2		-	4.6	897	219	492	526	520	38	3.1	<5	307	49	3.77	726	<10	201	145	32	<20	<20	5	4.83	4.71	5.07	0.30	0.20	82	5
Number of Analyses		-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		-	4.6	897	219	492	526	520	38	3.1	3	307	49	3.77	726	5	201	145	32	10	10	5	4.83	4.71	5.07	0.30	0.20	82	5
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	5.0	820	250	500	600	600	40	2.0	4	320	50	5.00	850	0.2	220	150	34	16	8	6	5.10	4.90	5.13	0.30	0.20	78	6

BONDAR-CLEGG

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Inchcape Testing Services

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REPORT: R93-10437.0 (COMPLETE)

PROJECT: NONE GIVEN

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
29		<5	<.2	74	12	37	1	9	5	<1.0	<5	<5	<5	1.52	208	<10	95	13	21	<20	<20	13	0.95	0.52	0.90	<.01	0.21	63	6
Duplicate			<.2	81	12	38	<1	10	5	<1.0	<5	<5	<5	1.36	208	<10	94	13	22	<20	<20	13	0.92	0.57	0.94	<.01	0.23	63	6

Bondar-Clegg, Inc.
625 Spice Island Dr.
Building 1, Unit A
Sparks, Nevada 89431
702 (359-9330)

BONDAR-CLEGG

Geochemical Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

REPORT: R92-11344.0 (COMPLETE)

DATE PRINTED: 27-AUG-92
PROJECT: NONE GIVEN

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	AU PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM
V5 #11			25	0.3	134	6	140	11	16	2	<1.0	6
V5 #17			<20	0.3	132	6	92	15	10	2	<1.0	6
V5 #18			<20	0.3	192	5	168	7	14	3	<1.0	6
V5 #22			<20	0.3	160	6	143	5	20	1	<1.0	6
V5 #24			<20	0.3	189	7	170	13	11	2	<1.0	7
V5 #27			<20	0.3	166	7	168	8	15	2	<1.0	5
V5 #30			<20	0.3	172	8	152	13	20	2	<1.0	8
V5 #35			<20	<0.2	174	8	163	15	20	2	<1.0	6
V5 #37			21	0.3	179	7	153	15	18	3	<1.0	<5
V5 #52			23	0.4	154	7	178	12	11	1	<1.0	8
V5 #55			<20	0.3	162	6	177	11	11	2	<1.0	8
V5 #57			22	0.3	132	6	135	16	9	2	<1.0	7
V5 #58			<20	0.3	107	15	154	6	8	2	<1.0	6
V5 #58A			<20	0.3	135	7	138	13	11	3	<1.0	7
V5 #59			<20	0.3	183	5	153	10	16	2	<1.0	7
V5 #60			<20	0.2	163	6	135	10	15	3	<1.0	<5
V5 #61			<20	0.2	151	6	140	10	13	2	<1.0	7
V5 #62			24	0.3	148	6	156	8	17	2	<1.0	8
R2 #1		8		0.2	14	5	15	<1	4	5	<1.0	7

Creosote

Bondar-Clegg, Inc.
625 Spice Island Dr.
Building 1, Unit A
Sparks, Nevada 89431
702 (359-9330)

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Geochemical Lab Report

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REPORT: R92-11344.0 (COMPLETE)

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SAMPLE NUMBER	ELEMENT UNITS	As PPM	Sb PPM	Fe PCT	Mn PCT	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM
V5 #11		<5	<5	0.15	0.02	<10	126	2	14	<20	<20	1
V5 #17		<5	<5	0.16	0.02	<10	170	3	16	<20	<20	1
V5 #18		7	<5	0.17	0.03	<10	131	4	13	<20	<20	<1
V5 #22		<5	<5	0.17	0.02	<10	94	5	15	<20	<20	1
V5 #24		6	<5	0.30	0.01	<10	147	9	17	<20	<20	2
V5 #27		<5	<5	0.28	0.03	<10	192	5	16	<20	<20	2
V5 #30		<5	<5	0.30	0.02	<10	139	5	16	<20	<20	2
V5 #35		7	<5	0.30	0.02	<10	132	5	16	<20	<20	2
V5 #37		6	<5	0.48	0.02	<10	124	9	19	<20	<20	3
V5 #52		<5	<5	0.17	0.02	<10	111	3	14	<20	<20	1
V5 #55		<5	<5	0.17	0.02	<10	140	3	15	<20	<20	1
V5 #57		6	<5	0.18	0.03	<10	149	2	15	<20	<20	1
V5 #58		<5	<5	0.13	0.01	<10	266	2	13	<20	<20	<1
V5 #58A		5	<5	0.23	0.02	<10	161	5	15	<20	<20	2
V5 #59		<5	<5	0.12	0.02	<10	107	2	13	<20	<20	<1
V5 #60		8	<5	0.15	0.02	<10	104	3	15	<20	<20	1
V5 #61		5	<5	0.19	0.02	<10	159	4	16	<20	<20	2
V5 #62		5	<5	0.16	0.03	<10	129	2	13	<20	<20	1
R2 #1		14	<5	0.32	0.01	<10	226	8	26	<20	<20	7

Bondar-Clegg, Inc.
625 Spice Island Dr.
Building 1, Unit A
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BC
BONDAR-CLEGG

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

Geochemical Lab Report

REPORT: R92-11344.0 (COMPLETE)

DATE PRINTED: 27-AUG-92
PROJECT: NONE GIVEN

SAMPLE NUMBER	ELEMENT UNITS	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
V5 #11		0.16	1.33	>10.00	0.33	>10.00	1741	<1
V5 #17		0.17	1.42	>10.00	0.26	9.61	1636	<1
V5 #18		0.18	3.08	>10.00	0.08	>10.00	>2000	<1
V5 #22		0.17	1.49	>10.00	0.10	9.06	980	<1
V5 #24		0.31	1.54	>10.00	0.26	>10.00	1245	<1
V5 #27		0.32	1.94	>10.00	0.20	>10.00	1271	<1
V5 #30		0.30	1.65	>10.00	0.24	>10.00	1291	<1
V5 #35		0.30	1.72	>10.00	0.25	>10.00	1273	<1
V5 #37		0.40	1.17	>10.00	0.20	9.89	1116	<1
V5 #52		0.18	2.16	>10.00	0.22	>10.00	934	<1
V5 #55		0.18	2.21	>10.00	0.24	>10.00	1673	<1
V5 #57		0.20	1.71	>10.00	0.13	>10.00	1616	<1
V5 #58		0.14	1.16	>10.00	0.13	>10.00	990	<1
V5 #58A		0.24	1.72	>10.00	0.12	>10.00	1420	<1
V5 #59		0.13	1.48	>10.00	0.13	>10.00	1552	<1
V5 #60		0.16	1.45	>10.00	0.13	>10.00	1374	<1
V5 #61		0.21	1.62	>10.00	0.15	8.65	1756	<1
V5 #62		0.16	2.22	>10.00	0.18	>10.00	1507	<1
R2 #1		0.38	0.42	>10.00	0.02	0.22	289	<1

08:11:93 14:37 ☎1 416 848 9613 ACTLABS 002/004

Enzyme Leach Job #: 1030
Trace Element Values Are in Parts Per Billion. Negative Values Equal Not Detected at That Lower Limit.

Sample ID:	Li	Cl	Sc	Ti	V	Mn	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Rb	Sr	Y	Zr	Nb	Mo
pl-1	105	-5,000	-10	-20	437	1,995	19	33	96	-10	9	-1	38	-30	118	24	4,054	27	8	1	48
pl-2	137	-5,000	-10	-20	985	2,747	27	37	101	-10	1	-1	68	-30	148	25	4,845	17	4	-1	64
pl-3	-30	5,092	-10	85	514	2,122	25	30	137	-10	1	-1	57	-30	213	21	3,916	42	6	-1	67
pl-4	-30	-5,000	-10	83	223	2,428	19	24	100	-10	-1	-1	24	-30	110	26	3,638	29	5	-1	25
pl-6	-30	-5,000	-10	88	667	1,542	21	24	79	-10	2	-1	84	38	181	21	3,821	17	3	-1	77
pl-7 C	69	62,276	-10	42	469	816	14	22	51	-10	-1	-1	35	-30	445	16	1,809	26	6	2	45
pl-8	-30	-5,000	-10	75	182	3,255	19	26	103	-10	-1	-1	18	-30	59	30	2,197	35	6	1	39
pl-9	-30	-5,000	-10	82	216	2,329	16	27	72	-10	2	-1	18	-30	79	34	2,377	57	8	2	32
pl-10 C	-30	-5,000	16	81	281	3,342	23	34	83	-10	1	-1	32	-30	92	29	2,438	30	6	1	55
pl-11 C	-30	-5,000	-10	-20	505	2,011	17	22	69	-10	12	-1	43	-30	125	20	3,634	29	4	-1	26
pl-12 C	124	263,105	-10	142	524	2,363	18	24	83	-10	-1	-1	36	-30	2,169	26	6,931	7	2	-1	10
pl-13 C	170	1,999,289	16	112	392	997	10	21	73	-10	-1	-1	41	-30	11,877	28	7,982	6	3	-1	21
pl-14	-30	28,513	15	108	254	2,067	15	20	146	11	-1	-1	27	39	289	37	3,143	47	8	1	44
pl-15	77	13,737	-10	78	630	1,295	12	19	109	-10	2	-1	52	-30	154	26	3,874	31	5	-1	72
pl-16	-30	-5,000	13	82	419	1,281	13	15	51	-10	1	1	43	-30	81	22	3,051	28	6	-1	83
pl-17	-30	-5,000	15	79	322	3,408	24	39	44	-10	-1	-1	28	-30	79	21	2,646	36	5	-1	63
pl-18 NO	-30	-5,000	71	50	245	3,420	15	29	25	-10	2	-1	21	-30	-50	21	3,742	27	4	-1	34
pl-19	134	249,158	18	55	724	2,923	18	31	67	-10	1	-1	48	32	1,553	18	3,084	32	7	2	25
pl-20	-30	-5,000	-10	77	338	3,566	26	37	35	-10	2	-1	30	33	69	28	2,431	50	7	2	14
pl-21 NO	-30	-5,000	11	86	411	4,391	29	47	67	-10	2	-1	37	39	145	33	3,457	49	11	2	50
pl-22 NO	81	213,895	13	68	326	1,960	18	29	31	-10	3	-1	22	33	1,390	19	3,090	40	5	-1	14
pl-23	54	15,634	12	71	221	1,990	18	32	33	-10	2	-1	20	-30	151	20	2,900	38	5	-1	32
pl-24	-30	-5,000	-10	75	438	1,336	10	20	28	-10	-1	-1	29	-30	63	23	4,183	41	5	-1	13
pl-25 N	120	1,099,947	13	107	683	915	17	15	41	-10	-1	-1	63	-30	7,660	25	8,700	11	3	-1	10
pl-26	-30	-5,000	-10	82	362	2,741	21	26	36	-10	-1	-1	35	-30	96	29	3,161	35	5	-1	38
pl-27 ?	219	2,561,132	-10	65	917	586	12	18	56	-10	1	-1	47	-30	10,122	21	3,156	7	3	-1	103
pl-28	66	51,066	-10	70	488	1,518	17	23	38	-10	-1	-1	34	30	315	21	3,865	31	6	-1	15

Near Bruce

Samples taken south of property.

Partial Leach Extraction

Sample spacing: 1,000' to the north. 750' south of property.

grid N-S: →

Eric Kaufman
Bob Clark

all 15 less

ash weight X30 converted to dry weight

39 → ash 1g → weight .5g converted to dry weight

IPL → dry weight 15x

Bondar (ash weight) not converted to dry weight

604-985-0681 → Rick.

Enzyme Leach Job #: 1030
Trace Element Values Are in Parts Per Billio

Sample ID:	Ru	Pd	Ag	Cd	In	Sn	Sb	Te	I	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Hf
pl-1	-1	-1	-0.2	0.7	-0.2	-1	4	-1	253	-1	905	24	135	7	21	4	-1	4	-1	2	-1	1	-1	1	-1
pl-2	-1	-1	-0.2	0.3	-0.2	-1	7	-1	339	-1	1,405	15	124	4	12	2	-1	2	-1	1	-1	-1	-1	-1	-1
pl-3	-1	-1	-0.2	0.7	-0.2	-1	3	1	420	-1	735	24	122	8	25	5	1	4	-1	3	-1	2	-1	2	-1
pl-4	-1	-1	-0.2	-0.2	-0.2	-1	3	-1	134	-1	1,166	21	111	6	19	3	-1	3	-1	2	-1	1	-1	1	-1
pl-6	-1	-1	-0.2	0.3	-0.2	-1	7	-1	139	-1	1,630	14	116	4	11	2	-1	2	-1	1	-1	-1	-1	-1	-1
pl-7	-1	-1	-0.2	-0.2	-0.2	-1	4	-1	139	-1	502	17	103	5	17	3	-1	3	-1	2	-1	1	-1	1	-1
pl-8	-1	-1	-0.2	0.7	-0.2	-1	5	-1	86	-1	756	25	130	8	25	4	-1	4	-1	3	-1	1	-1	2	-1
pl-9	-1	-1	-0.2	0.8	-0.2	-1	4	-1	134	-1	697	39	140	12	41	7	2	7	-1	5	-1	2	-1	3	-1
pl-10	-1	-1	-0.2	1.0	-0.2	-1	7	-1	203	-1	1,071	23	106	6	22	4	-1	3	-1	2	-1	2	-1	2	-1
pl-11	-1	-1	-0.2	-0.2	-0.2	-1	5	-1	177	-1	1,276	22	120	6	21	4	-1	3	-1	3	-1	1	-1	2	-1
pl-12	-1	-1	-0.2	0.3	-0.2	-1	4	1	251	-1	270	11	134	2	6	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
pl-13	1	-1	-0.2	3.1	-0.2	-1	2	1	442	-1	199	8	114	2	4	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
pl-14	-1	-1	-0.2	0.5	-0.2	-1	5	-1	185	-1	684	36	157	10	34	6	1	5	-1	4	-1	2	-1	2	-1
pl-15	-1	-1	-0.2	0.3	-0.2	-1	8	-1	261	-1	518	21	121	6	21	3	-1	4	-1	2	-1	1	-1	1	-1
pl-16	-1	-1	-0.2	0.5	-0.2	-1	10	1	161	-1	1,128	21	117	6	18	3	-1	3	-1	2	-1	1	-1	1	-1
pl-17	-1	-1	-0.2	0.5	-0.2	-1	8	-1	81	-1	1,255	26	132	7	25	4	1	4	-1	3	-1	2	-1	2	-1
pl-18	-1	-1	-0.2	0.3	-0.2	-1	5	-1	164	-1	1,408	29	123	8	27	6	1	4	-1	3	-1	2	-1	2	-1
pl-19	4	-1	-0.2	0.5	-0.2	-1	6	-1	282	-1	336	22	127	6	22	5	-1	4	-1	3	-1	2	-1	2	-1
pl-20	-1	-1	-0.2	-0.2	-0.2	-1	5	-1	110	-1	729	31	131	10	33	6	2	5	-1	4	-1	2	-1	2	-1
pl-21	-1	-1	-0.2	1.0	-0.2	-1	5	1	187	-1	1,410	33	133	10	34	6	1	5	-1	4	-1	2	-1	2	-1
pl-22	-1	-1	-0.2	-0.2	-0.2	-1	3	-1	162	-1	289	23	123	8	23	4	1	5	-1	4	-1	2	-1	2	-1
pl-23	-1	-1	-0.2	0.5	-0.2	-1	5	-1	73	-1	630	24	124	7	25	4	1	4	-1	3	-1	2	-1	2	-1
pl-24	-1	-1	-0.2	0.5	-0.2	-1	5	-1	180	-1	724	26	126	8	28	5	1	5	-1	3	-1	2	-1	2	-1
pl-25	-1	-1	-0.2	-0.2	-0.2	-1	2	1	505	-1	387	11	118	3	8	1	-1	1	-1	-1	-1	-1	-1	-1	-1
pl-26	-1	-1	-0.2	0.5	-0.2	-1	8	-1	105	-1	959	24	124	8	23	4	-1	3	-1	2	-1	1	-1	2	-1
pl-27	-1	-1	-0.2	0.8	-0.2	-1	3	1	1,876	-1	234	10	124	2	6	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
pl-28	-1	-1	-0.2	0.5	-0.2	-1	6	-1	312	-1	592	21	133	6	22	4	-1	4	-1	3	-1	1	-1	2	-1

08/11/93 14:37 ☎1 416 848 9613 ACTLABS 002/004

Enzyme Leach Job #: 1030

Trace Element Values Are in Parts Per Billion. Negative Values Equal Not Detected at That Lower Limit.

Sample ID:	Li	Cl	Sc	Ti	V	Mn	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Rb	Sr	Y	Zr	Nb	Mo
pl-1	105	-5,000	-10	-20	437	1,995	19	33	96	-10	9	-1	38	-30	118	24	4,054	27	8	1	48
pl-2	137	-5,000	-10	-20	985	2,747	27	37	101	-10	1	-1	68	-30	148	25	4,846	17	4	-1	64
pl-3	-30	5,092	-10	85	514	2,122	25	30	137	-10	1	-1	57	-30	213	21	3,916	42	6	-1	67
pl-4	-30	-5,000	-10	83	223	2,428	19	24	100	-10	-1	-1	24	-30	110	26	3,638	29	5	-1	25
pl-6	-30	-5,000	-10	88	667	1,542	21	24	79	-10	2	-1	84	38	181	21	3,821	17	3	-1	77
pl-7	69	62,276	-10	42	469	816	14	22	51	-10	-1	-1	35	-30	445	16	1,809	26	6	2	45
pl-8	-30	-5,000	-10	75	182	3,255	19	26	103	-10	-1	-1	18	-30	59	30	2,197	35	6	1	39
pl-9	-30	-5,000	-10	82	216	2,329	16	27	72	-10	2	-1	18	-30	79	34	2,377	57	8	2	32
pl-10	-30	-5,000	16	81	281	3,342	23	34	83	-10	1	-1	32	-30	92	29	2,438	30	6	1	55
pl-11	-30	-5,000	-10	-20	505	2,011	17	22	69	-10	12	-1	43	-30	125	20	3,634	29	4	-1	26
pl-12	124	263,105	-10	142	524	2,363	18	24	83	-10	-1	-1	36	-30	2,169	26	6,931	7	2	-1	10
pl-13	170	1,999,289	16	112	392	997	10	21	73	-10	-1	-1	41	-30	11,877	28	7,982	6	3	-1	21
pl-14	-30	28,513	15	108	254	2,067	15	20	146	11	-1	-1	27	39	289	37	3,143	47	8	1	44
pl-15	77	13,737	-10	78	630	1,295	12	19	109	-10	2	-1	52	-30	154	26	3,874	31	5	-1	72
pl-16	-30	-5,000	13	82	419	1,281	13	15	51	-10	1	1	43	-30	81	22	3,051	28	6	-1	83
pl-17	-30	-5,000	15	79	322	3,408	24	39	44	-10	-1	-1	28	-30	79	21	2,646	36	5	-1	63
pl-18	-30	-5,000	71	50	245	3,420	15	29	25	-10	2	-1	21	-30	-50	21	3,742	27	4	-1	34
pl-19	134	249,158	18	55	724	2,923	18	31	67	-10	1	-1	48	32	1,553	18	3,084	32	7	2	25
pl-20	-30	-5,000	-10	77	338	3,566	26	37	35	-10	2	-1	30	33	69	28	2,431	50	7	2	14
pl-21	-30	-5,000	11	86	411	4,391	29	47	67	-10	2	-1	37	39	145	33	3,457	49	11	2	50
pl-22	81	213,895	13	68	326	1,960	18	29	31	-10	3	-1	22	33	1,390	19	3,090	40	5	-1	14
pl-23	54	15,634	12	71	221	1,990	18	32	33	-10	2	-1	23	-30	151	20	2,900	38	5	-1	32
pl-24	-30	-5,000	-10	75	438	1,336	10	20	28	-10	-1	-1	23	-30	63	23	4,183	41	5	-1	13
pl-25	120	1,099,947	13	107	683	915	17	15	41	-10	-1	-1	63	-30	7,660	25	8,700	11	3	-1	10
pl-26	-30	-5,000	-10	82	362	2,741	21	26	36	-10	-1	-1	35	-30	96	29	3,161	35	5	-1	38
pl-27	219	2,561,132	-10	65	917	586	12	18	56	-10	1	-1	47	-30	10,122	21	3,156	7	3	-1	103
pl-28	66	51,066	-10	70	488	1,518	17	23	38	-10	-1	-1	34	-30	315	21	3,865	31	6	-1	15

Bondar-Clegg, Inc.
625 Spice Island Dr.
Building 1, Unit A
Sparks, Nevada 89431
702 (359-9330)

BC
BONDAR-CLEGG

Geochemical Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 26 NOV 91

REPORT: R91-12389.0 (COMPLETE)

PROJECT: NONE GIVEN

SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM
VE #1 A		0.6	186 ~~106~~	3	172	9	5	2	<1.0	<5	11	<5
VE #2 A		1.0	135	4	361	15	9	2	<1.0	<5	9	<5
VE #3 A		1.1	82	6	258	29	4	1	1.0	<5	11	<5
VE #4 A		0.8	77	5	327	20 ~~28~~	5	2	<1.0	<5	6	<5
VE #5 A		0.6	86	<2	258	12	2	1	<1.0	<5	<5	<5
R2 #7		<0.2	6	<2	2	1	6	1	<1.0	<5	<5	<5

mesquite

Bondar-Clegg, Inc.
625 Spice Island Dr.
Building 1, Unit A
Sparks, Nevada 89431
702 (359-9330)

BONDAR-CLEGG

Geochemical Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 26 NOV-91

REPORT: R91 12389.0 (COMPLETE)

PROJECT: NONE GIVEN

SAMPLE NUMBER	ELEMENT UNITS	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT
VE #1		0.14	344	<10	244	5	13	591	<20	2	0.16	3.25
VE #2		0.17	273	<10	181	6	13	569	<20	2	0.19	4.65
VE #3		0.15	299	<10	162	5	14	485	<20	2	0.18	3.25
VE #4		0.19	375	<10	169	5	13	704	<20	3	0.21	5.11
VE #5		0.13	338	<10	250	4	14	190	<20	1	0.12	2.19
R2 #7		0.33	70	<10	17	179	12	<20	<20	2	0.03	0.05

Bondar-Clegg, Inc.
625 Spice Island Dr.
Building 1, Unit A
Sparks, Nevada 89431
702 (359-9330)

BC BONDAR-CLEGG

Geochemical Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 26 NOV 91

REPORT: R91-12189.0 (COMPLETE)

PROJECT: NONE GIVEN

SAMPLE NUMBER	ELEMENT UNITS	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
VE #1		>10.000	0.08	7.70	1698	<1
VE #2		>10.000	0.08	7.56	>2000	<1
VE #3		>10.000	0.34	8.21	>2000	<1
VE #4		>10.000	0.15	7.89	>2000	<1
VE #5		>10.000	0.03	9.37	997	<1
R2 #7		>10.000	<0.01	0.02	291	<1

Bondar-Clegg, Inc.
625 Spice Island Dr.
Building 1, Unit A
Sparks, Nevada 89431
702 (359-9330)

BONDAR-CLEGG

Geochemical Lab Report

A DIVISION OF INCHCAPE INSPECTION & TESTING SERVICES

DATE PRINTED: 26-NOV-91

REPORT: R91-12389.0 (COMPLETE)

PROJECT: NONE GIVEN

STANDARD NAME / ELEMENT UNITS	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM
GEO TRACE STD3 1989	0.4	273	31	227	4	42	10	<1.0	<5	31	<5
Number of Analyses	1	1	1	1	1	1	1	1	1	1	1
Mean Value	0.40	272.8	31.3	226.7	3.6	42.3	10.0	0.50	2.5	31.0	2.5
Standard Deviation		-	-	-	-	-	-	-	-	-	-
Accepted Value	0.5	290	33	255	4	42	9	0.8	2	30	5
ANALYTICAL BLANK	<0.2	<1	<2	<1	<1	<1	<1	<1.0	<5	<5	<5
Number of Analyses	1	1	1	1	1	1	1	1	1	1	1
Mean Value	0.10	0.5	1.0	0.5	0.5	0.5	0.5	0.50	2.5	2.5	2.5
Standard Deviation	-	-	-	-	-	-	-	-		-	-
Accepted Value	0.2	1	2	1		-	-	-		5	5

Enzyme Leach Job #: 1067 Customer: Basin Petroleum Geologist: Brad Bassone

Trace Element Values Are in Parts Per Billion. Negative Values Equal Not Detected at That Lower Limit.

Sample ID:	Li	Be	Cl	Sc	Ti	V	Mn	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Rb	Sr	Y
PL-29	88	-10	25,609	-10	7,182	364	7,217	64	86	206	73	19	2	48	114	320	86	4,758	48
PL-30	80	-10	15,477	-10	4,851	348	2,202	23	25	102	22	9	-1	51	-30	156	39	3,685	39
PL-31	49	-10	6,754	-10	3,166	210	3,858	31	42	86	32	12	-1	26	-30	82	50	3,727	28
PL-32	49	-10	7,336	-10	4,888	273	4,684	38	45	98	39	12	1	47	-30	112	51	3,769	28
PL-33	70	-10	4,404	-10	4,499	330	2,795	24	35	77	40	13	-1	45	-30	115	51	3,630	32
PL-34	128	-10	6,459	-10	1,669	289	2,748	29	53	66	67	46	1	28	-30	101	60	3,584	30
PL-35	71	-10	-3,000	-10	4,477	264	1,538	16	27	62	35	11	1	39	-30	111	50	4,009	35
PL-36	61	-10	-3,000	-10	3,060	305	2,141	20	26	59	27	10	-1	36	-30	105	39	2,950	33
PL-37	48	-10	-3,000	-10	6,126	309	1,763	18	32	78	40	13	1	46	-30	124	60	3,074	34
PL-38	52	-10	-3,000	-10	2,100	199	2,933	25	48	97	66	16	1	33	31	110	78	4,320	46

Clay rich. → amorphous Mn.
B-horizon.

Enzyme Leach Job #: 1067
Trace Element Values Are in Parts Per Billion.

Sample ID:	Zr	Nb	Mo	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb
PL-29	78	2	33	-1	-1	-1	0.6	1.7	0.2	2	18	1	149	3	1,047	66	249	17	56	9	3	11	3
PL-30	34	-1	8	-1	-1	-1	0.4	0.4	-0.2	1	4	-1	121	2	758	44	174	13	43	8	2	12	2
PL-31	49	-1	9	-1	-1	-1	0.4	0.6	-0.2	1	9	-1	56	2	1,002	36	182	10	30	5	2	6	1
PL-32	52	-1	29	-1	-1	-1	0.4	0.7	-0.2	1	10	-1	107	2	1,169	37	190	11	33	6	2	8	1
PL-33	50	-1	29	-1	-1	-1	0.4	0.6	-0.2	1	9	-1	163	2	1,293	41	174	11	39	7	2	8	1
PL-34	82	-1	26	-1	-1	-1	0.4	0.6	-0.2	1	8	-1	71	3	974	39	193	11	36	4	2	7	1
PL-35	58	-1	35	-1	-1	-1	0.4	0.6	-0.2	1	7	-1	92	2	827	51	188	14	44	7	3	8	1
PL-36	48	-1	30	-1	-1	-1	0.4	0.6	-0.2	1	9	1	149	2	767	43	179	13	39	7	2	8	1
PL-37	62	-1	66	-1	-1	-1	0.4	0.4	-0.2	1	11	1	136	3	1,045	51	188	14	46	7	2	9	1
PL-38	100	-1	60	-1	-1	1	0.4	0.6	-0.2	2	9	-1	76	3	919	62	187	17	56	10	3	11	2

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Enzyme Leach Job #: 1067
Trace Element Values Are in Parts Per Billion.

Sample ID:	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Th	U
PL-29	9	2	3	-1	5	2	2	-1	44	0.3	-1	-1	-1	-0.1	6.0	-1	16	-1	10	3
PL-30	7	1	2	-1	3	-1	-1	-1	27	-0.1	-1	-1	-1	-0.1	3.6	-1	5	-1	6	2
PL-31	5	-1	2	-1	2	-1	1	-1	18	-0.1	-1	-1	-1	-0.1	2.2	-1	7	-1	5	1
PL-32	6	1	2	-1	2	-1	1	-1	35	-0.1	-1	-1	-1	0.2	2.6	-1	9	-1	7	2
PL-33	6	1	2	-1	3	-1	1	-1	32	-0.1	-1	-1	-1	0.2	2.7	-1	7	-1	6	2
PL-34	6	1	2	-1	2	-1	2	-1	18	-0.1	-1	-1	-1	0.2	2.1	-1	9	-1	9	2
PL-35	7	1	2	-1	3	-1	1	-1	17	0.1	-1	-1	-1	-0.1	2.4	-1	7	-1	7	3
PL-36	7	1	2	-1	2	-1	1	-1	24	-0.1	-1	-1	-1	-0.1	2.4	-1	7	-1	6	2
PL-37	7	1	2	-1	2	-1	1	-1	19	0.1	-1	-1	-1	-0.1	2.4	-1	8	-1	6	2
PL-38	9	2	3	-1	4	-1	2	-1	12	-0.1	-1	-1	-1	-0.1	2.1	-1	11	-1	11	2

REPORT: R92-10067.0 (COMPLETE)

REFERENCE INFO: NONE GIVEN

CLIENT: BASIN PETROLEUM
PROJECT: NONE GIVEN

SUBMITTED BY: BASSORE
DATE PRINTED: 6-FEB-92

ORDER		ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Ag	Silver	13	0.2 PPM	HNO3-HCL HOT EXTR	Ind. Coupled Plasma
2	Cu	Copper	13	1 PPM	HNO3-HCL HOT EXTR	Ind. Coupled Plasma
3	Pb	Lead	13	2 PPM	HNO3-HCL HOT EXTR	Ind. Coupled Plasma
4	Zn	Zinc	13	1 PPM	HNO3-HCL HOT EXTR	Ind. Coupled Plasma
5	Mo	Molybdenum	13	1 PPM	HNO3-HCL HOT EXTR	Ind. Coupled Plasma
6	Ni	Nickel	13	1 PPM	HNO3-HCL HOT EXTR	Ind. Coupled Plasma
7	Co	COBALT	13	1 PPM	HNO3-HCL HOT EXTR	Ind. Coupled Plasma
8	Cd	Cadmium	13	1.0 PPM	HNO3-HCL HOT EXTR	Ind. Coupled Plasma
9	Bi	Bismuth	13	5 PPM	HNO3-HCL HOT EXTR	Ind. Coupled Plasma
10	As	Arsenic	13	5 PPM	HNO3-HCL HOT EXTR	Ind. Coupled Plasma
11	Sb	Antimony	13	5 PPM	HNO3-HCL HOT EXTR	Ind. Coupled Plasma
12	Fe	Iron	13	0.01 PCT	HNO3-HCL HOT EXTR	Ind. Coupled Plasma
13	Mn	Maganese	13	1 PPM	HNO3-HCL HOT EXTR	Ind. Coupled Plasma
14	Te	Tellurium	13	10 PPM	HNO3-HCL HOT EXTR	Ind. Coupled Plasma
15	Ba	Barium	13	2 PPM	HNO3-HCL HOT EXTR	Ind. Coupled Plasma
16	Cr	Chromium	13	1 PPM	HNO3-HCL HOT EXTR	Ind. Coupled Plasma
17	V	Vanadium	13	1 PPM	HNO3-HCL HOT EXTR	Ind. Coupled Plasma
18	Sn	Tin	13	20 PPM	HNO3-HCL HOT EXTR	Ind. Coupled Plasma
19	W	Tungsten	13	20 PPM	HNO3-HCL HOT EXTR	Ind. Coupled Plasma
20	La	Lanthanum	13	1 PPM	HNO3-HCL HOT EXTR	Ind. Coupled Plasma
21	Al	Aluminum	13	0.01 PCT	HNO3-HCL HOT EXTR	Ind. Coupled Plasma
22	Mg	Magnesium	13	0.01 PCT	HNO3-HCL HOT EXTR	Ind. Coupled Plasma
23	Ca	Calcium	13	0.01 PCT	HNO3-HCL HOT EXTR	Ind. Coupled Plasma
24	Na	Sodium	13	0.01 PCT	HNO3-HCL HOT EXTR	Ind. Coupled Plasma
25	K	Potassium	13	0.01 PCT	HNO3-HCL HOT EXTR	Ind. Coupled Plasma
26	Sr	Strontium	13	1 PPM	HNO3-HCL HOT EXTR	Ind. Coupled Plasma
27	Y	Yttrium	13	1 PPM	HNO3-HCL HOT EXTR	Ind. Coupled Plasma

Mesquite

DATE PRINTED: 6-FEB-92
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SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM
VE MES SAM #1		0.6	85	9	140	24	7	2	<1.0	<5	16	<5
VE MES SAM #2		~~0.9~~	124	9	169	16	4	2	<1.0	7	10	<5
VE MES SAM #3		~~0.8~~	120	6	214	21	5	2	<1.0	<5	7	<5
VE MES SAM #4		0.6	184	7	166	17	5	2	<1.0	<5	7	<5
VE MES SAM #5		0.5	175	6	198	32	3	2	<1.0	<5	10	<5
VE MES SAM #6		1.9	227	10	126	16	5	3	<1.0	<5	8	<5
VE MES SAM #7		0.5	168	5	149	15	9	2	<1.0	<5	10	<5
VE MES SAM #8		0.4	132	8	191	27	9	2	<1.0	<5	9	<5
VE MES SAM #9		0.6	145	8	180	27	8	2	<1.0	<5	11	<5
VE MES SAM #10		1.0	130	9	249	17	6	2	<1.0	6	10	<5
VE MES SAM #12		0.4	52	7	99	13	5	1	<1.0	<5	8	<5
VE MES SAM #14		0.4	50	7	327	4	8	1	<1.0	<5	<5	<5
VE MES SAM #15		0.3	48	5	58	11	4	1	<1.0	<5	7	<5

Desert wormwood

Near or outcrop Childs latite

DATE PRINTED: 6-FEB-92

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SAMPLE NUMBER	ELEMENT UNITS	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT
VE MES SAM #1		0.23	758	<10	217	6	16	239	<20	4	0.27	4.79
VE MES SAM #2		0.25	1010	<10	236	5	14	135	<20	3	0.29	5.14
VE MES SAM #3		0.22	297	<10	283	8	15	379	<20	2	0.21	3.86
VE MES SAM #4		0.31	323	<10	249	8	16	484	<20	4	0.35	2.76
VE MES SAM #5		0.22	358	<10	352	7	17	195	<20	3	0.25	2.44
VE MES SAM #6		0.23	348	<10	236	6	18	696	<20	3	0.27	2.29
VE MES SAM #7		0.16	688	<10	354	6	15	248	<20	2	0.18	3.38
VE MES SAM #8		0.26	457	<10	349	8	16	223	<20	3	0.25	2.70
VE MES SAM #9		0.24	420	<10	412	7	17	145	<20	3	0.25	4.31
VE MES SAM #10		0.26	472	<10	391	9	18	476	<20	3	0.27	3.02
VE MES SAM #12		0.13	108	<10	103	7	19	184	<20	4	0.19	0.76
VE MES SAM #14		0.11	135	<10	152	4	17	113	<20	3	0.14	1.40
VE MES SAM #15		0.10	92	<10	270	5	15	284	<20	2	0.12	1.31

DATE PRINTED: 6-FEB-92
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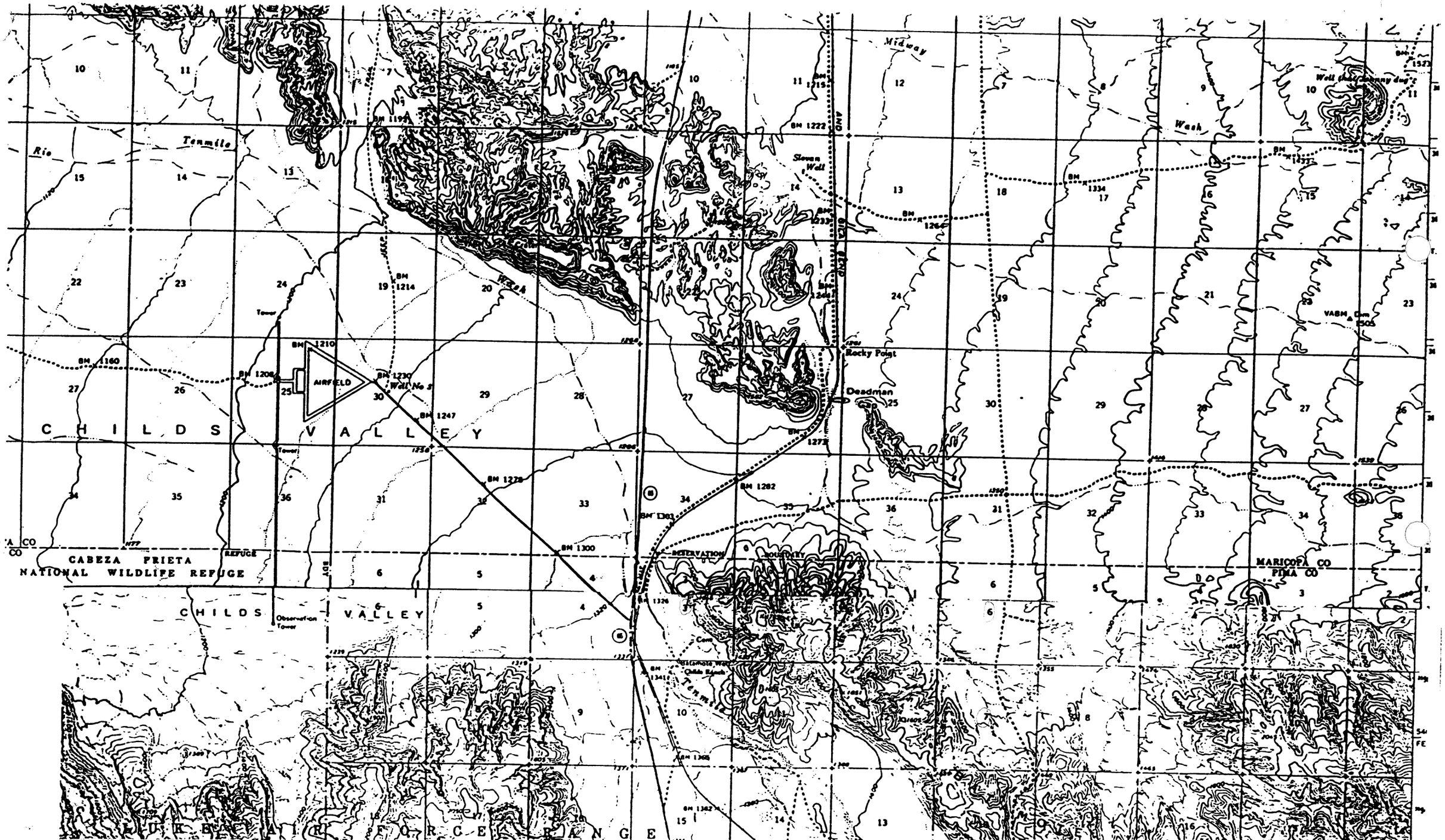
SAMPLE NUMBER	ELEMENT UNITS	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
VE MES SAM #1		>10.00	0.23	>10.00	1601	<1
VE MES SAM #2		>10.00	0.11	>10.00	>2000	<1
VE MES SAM #3		>10.00	1.40	7.99	>2000	<1
VE MES SAM #4		>10.00	1.55	9.36	>2000	<1
VE MES SAM #5		>10.00	0.56	6.40	>2000	<1
VE MES SAM #6		>10.00	0.17	6.51	>2000	<1
VE MES SAM #7		>10.00	0.09	9.08	>2000	<1
VE MES SAM #8		>10.00	0.13	>10.00	>2000	<1
VE MES SAM #9		>10.00	0.38	7.15	>2000	<1
VE MES SAM #10		>10.00	0.19	6.95	>2000	<1
VE MES SAM #12		>10.00	0.07	8.52	>2000	<1
VE MES SAM #14		>10.00	0.09	6.25	1004	<1
VE MES SAM #15		>10.00	0.07	>10.00	>2000	<1


Rio
Tenmile
Wash
Midway
Wash
Sloven Well
Rocky Point
Deadman
AIRFIELD
Well No 5
C H I L D S
V A L L E Y
CABEZA PRIETA
NATIONAL WILDLIFE REFUGE
CHILDS
VALLEY
Observation Tower
Tower
MARICOPA CO
PIMA CO
Tenmile
Wash
Cone
Dikes
Cones
Dikes
Dikes
Cone
Dikes
Cone
Dikes
Cone

CONFIDENTIALITY/NON-COMPETITION AGREEMENT

THIS AGREEMENT is between Brad D. Bassore, P.O. Box 4028, Albuquerque, NM 87196 ("Offeror") and CAMBIOR USA INC.,230 S. Rock Blvd.#23, Reno, Nevada, 89502 ("Receiver") and sets forth the terms for the presentation to Receiver of a Mining prospect (the "Prospect") which will provide Receiver with the opportunity to evaluate the Prospect and to acquire an interest in the Prospect lands on the basis of mutually acceptable compensation to the Offeror. The Prospect is located in the geographical area set forth below and in Exhibit "A", attached hereto. Since the Prospect, the Prospect information and the geographical area related to the Prospect is secret, proprietary and confidential information developed by Offeror over time and at great expense, Receiver, as consideration for the opportunity to evaluate the Prospect, agrees to the following:

1. **The Geographical Area.** As used in this Agreement, the geographical area on which the Prospect is located ("Geographical Area") is agreed to mean the following: Sections 1, 2, 3, 10, 11 & 12 Township 11 South Range 6 West and Sections 6 & 7 Township 11 South Range 5 West located in Pima County, Arizona.This agreement shall also include and apply to any lands located within 1 mile of the above described prospect (lands due east excluded).

EXHIBIT "A" IS ATTACHED HERETO.

2. **Propriety and Confidential Information.** The term "Propiety and Confidential Information" ("PCI") as used in this Agreement is agreed to mean all oral disclosures and information, data and knowledge contained in the documents (whether geological, geophysical, economic, financial or legal and whether in the form of maps, charts, logs, seismographs, interpretations, calculations, summaries, opinions or other written or charted means) which are related, directly or indirectly, to the Prospect or to the exploration potential of the Geographical Area, and which are now or hereafter delivered or disclosed by or on behalf of the Offeror to the Receiver. However, the PCI shall not include information to the extent it (a) is now or subsequently becomes part of the public domain through no acts or omissions attributable to Receiver or (b) as shown by Receiver's written records, was rightfully in Receiver's possession prior to disclosure by the Offeror. The Receiver acknowledges that Offeror intends to maintain the confidential, proprietary and secret nature of the PCI.

3. **Restrictions on Receiver's Future Activities.** For the period of One year after the date on which Receiver has signed this Agreement, Receiver agrees:

(a) To keep the PCI secret and not to disclose to any entity or person except to Receiver's employees or consultants necessary to evaluate the Prospect, unless specific written authorization is received from the Offeror;

(b) To use the PCI solely for the purpose of evaluating the Prospect and not to use the PCI for Receiver's financial advantage without compensation to the Offeror;

(c) Not to purchase or acquire in any manner, directly or indirectly, any mineral ownership, mining claims, mineral leases, surface leasehold, royalty, right-of-way, or other interest within the Geographical Area unless it shall be deemed by such action or otherwise that Receiver has accepted the terms of the Offeror in conjunction with the presentation of the Prospect;

(d) Not to reproduce or make any copies of any of the PCI unless specific written authorization is received from the Offeror except copies used in conjunction with the evaluation of the PCI; and,

(e) Immediately at the request of the Offeror or within fifteen (15) days of Receiver's rejection of the Prospect, to return to the Offeror all PCI which has been delivered or disclosed to Receiver and to destroy all other related documents (except a copy of this Agreement) including, without limitation, all documents, memoranda, notes, interpretations, data, copies and other written material prepared by Receiver or others utilizing any PCI or in evaluating the Prospect, certifying to the Offeror in writing that Receiver has destroyed all such documents.

4. **Remedies for Breach of this Agreement by Receiver.** Receiver agrees that if this Agreement is breached by Receiver the remedy at law may be inadequate and therefore an injunction, specific performance or other forms of equitable relief or money damages or any combination thereof shall be available. All rights, powers and remedies provided for herein are cumulative, and not exclusive, of any and all rights, powers and remedies at law or in equity as may now or hereafter exist. However, and not withstanding the foregoing, Offeror and Receiver agree that if Receiver shall breach paragraph 3(c) of this Agreement, the remedy shall be only as stated therein, namely, acceptance of terms. The Offeror shall be entitled to recover the cost and expenses incurred in enforcing this Agreement including any attorney's fees.

5. **Binding Effect on Receiver and Others.** This Agreement entered into by Receiver shall be binding on Receiver and Receiver's officers, directors, employees, agents, attorney's, accountants and representatives. Receiver agrees to inform all such persons and entities of this Agreement and to be liable to the Offeror for the acts of such persons and entities if this Agreement is breached by any one of them. If any part of this Agreement is declared void or unenforceable, the Receiver agrees to be bound by the remaining part of this Agreement.

6. **Miscellaneous.** The following are also agreed to by Offeror and Receiver:

(a) THIS AGREEMENT AND THE RELATIONSHIP THEREUNDER SHALL BE GOVERNED BY AND CONSTRUED IN ACCORDANCE WITH THE LAW OF THE STATE OF NEW MEXICO WITHOUT GIVING EFFECT TO THE CONFLICT OF LAWS PROVISION;

(b) The Prospect is offered subject to prior sale; and

(c) This Agreement is not intended to and does not create a partnership, joint venture or any other business combination between Receiver and Offeror.

Addenda:

_____

_____

_____

_____

_____

_____

AGREED TO AND ACCEPTED:

Laurence Gobin Title: Project Geologist Cambior USA.

By: Bruce D Brown Date: 3/26/94

SBB LODE MINING CLAIMS #'s 1-206
ALL CLAIM CORNERS 2X2 WOODEN POSTS WITH ORANGE FLAGGING AND ALUMINUM TAGS (INCLUDING LOCATION MONUMENTS)
ALL CLAIMS 1500' X 600' EXCEPT #'S 2,4,6,8,10 WHICH ARE 1120' X 600'

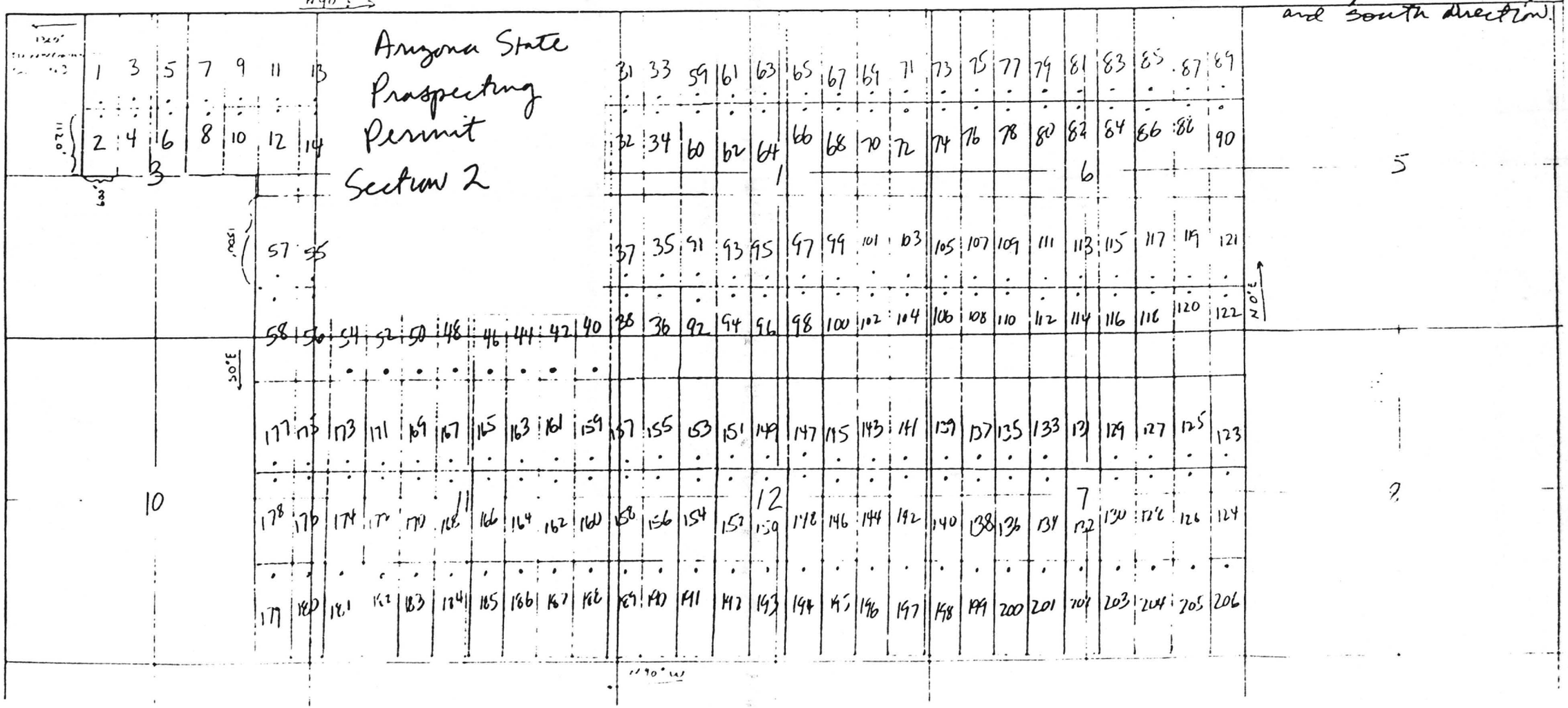
THE BEARING AND DISTANCE BETWEEN THE CORNERS OF ALL CLAIMS (EXCEPT #'S 2,4,6,8,10) ARE BEGINNING AT THE NW CORNER OF THE CLAIM 600' IN A EAST DIRECTION TO THE NE CORNER THEN 1500' in a South direction to the SE corner then 600' in a West direction to the SW Corner then 1500' in a North direction to the point of the beginning. Claims 2,4,6,8,10 as above except 1120' in a North and south direction.

1500'

1 NORTH

TOWNSHIP 11 SOUTH RANGES 5 AND 6 WEST COUNTY PIMA STATE ARIZONA

Exhibit "A"



SBB LODE MINING CLAIMS #'s 1-206
ALL CLAIM CORNERS 2X2 WOODEN POSTS WITH ORANGE FLAGGING AND
ALUMINUM TAGS [illegible]
[illegible] 1120' x 600'

1 NORTH

leaves branches

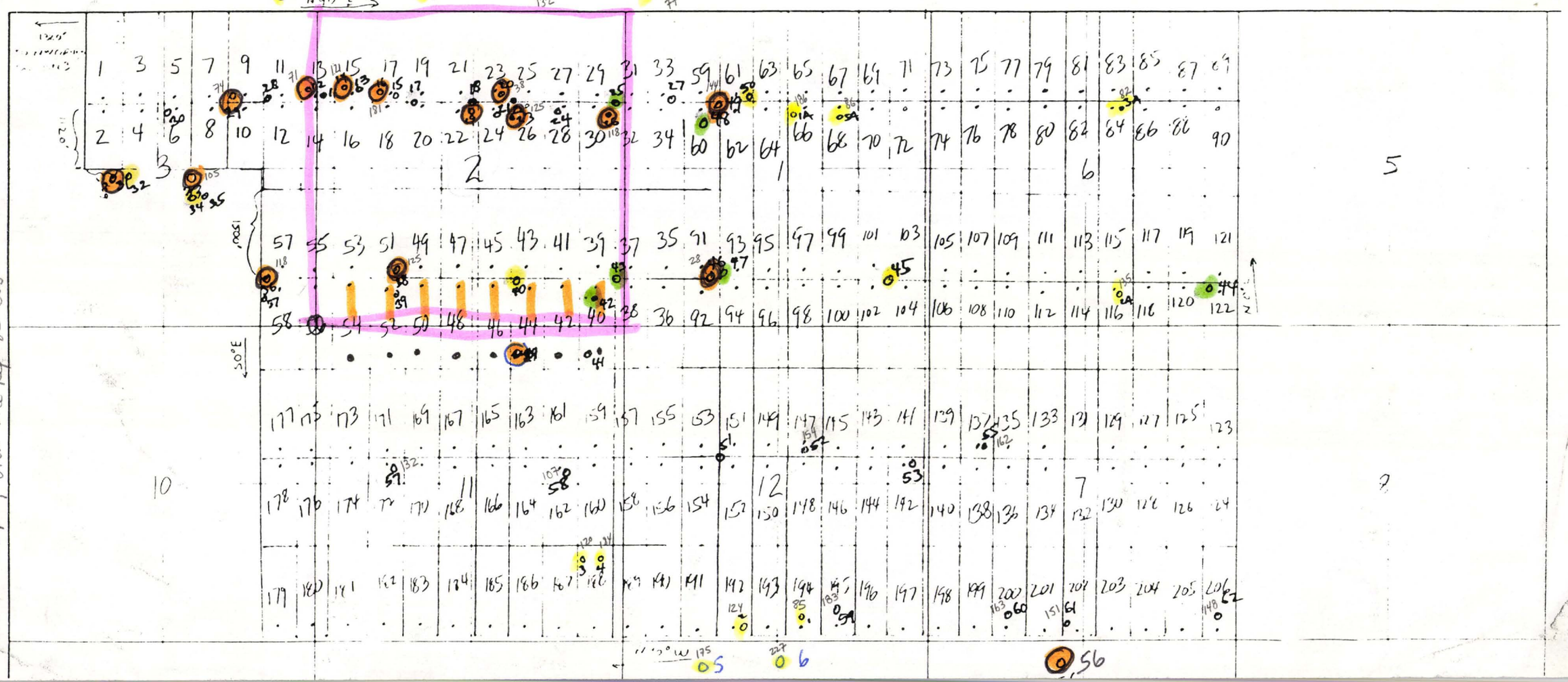
A → leaves only one tree

not set to lab.

- various vegatation
- mesquite
- soil
- = Creosote

1 tree tallest tree available

TOWNSHIP 11 SOUTH RANGE S 5 AND 6 WEST COUNTY PIMA STATE ARIZONA



USGS 1907
MAP I-2139, Open File Rep. 82-665