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James Doyle Sell Mining Collection

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Zebra Project, Cochise Co., AZ

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92-1	thru	92-3	3
			33 holes

List of Companies the Zebra 1990 Exploration Package sent to.
16 companies.

Reports submitted by Companies:
Atlas Precious Metals, Inc.
Ingot Management
Kennecott Copper Corporation

Zebra Project

Individual Drill Hole Data

28-1 thru 28-4
34-1 thru 34-7
89-1 thru 89-7
90-1 thru 90-12
92-1 thru 92-3

To Mary Barraco
Min Search

GOLDSIL RESOURCES (U.S.A.)

PROPERTY EXAMINATION

ZEBRA PROPERTY, COCHISE COUNTY, ARIZONA

By: A. D. Clendenan
20 January 1989

- Property is located 3-1/2 miles southeast of Tombstone, Arizona.
- Property is a subject of report prepared by Lee Halterman of Minsearch Inc. for Tempo Resources Ltd., revised February 1988, which includes access data, property status, geology, previous work, expenditure, mineralization and recommended programs.
- Mary Barraco, Geologist with Minsearch, Inc. of Albuquerque, New Mexico, (ph: 505-298-8235) acted as property guide.
- The majority of the field work in the last 5 years on the Zebra property has been carried out by Mary Barraco.
- The object of the 1989 drilling program carried out by Minsearch on behalf of Tempo was to test the area around holes 28-4 and 28-3 as well as VLF magnetometer coincident targets on the property.
- Drill hole 28-3 drilled in 1987 encountered mineralization from 50 ft. to 70 ft. grading at 0.045 oz. per ton. The hole had a total depth of 150 ft.
- Drill hole 28-4, drilled in 1988, from 0 to 30 ft. encountered mineralization grading 0.037 oz. per ton with a total depth of 100 ft.
- Drill holes in 1989, No. 89-1 through 89-5, were drilled to test the extent of this mineralization in 100 ft. offsets.
- Drill 89-1 encountered the oxide zone at 35 to 40 ft., again at 50 to 65 ft. and a Jasper zone at 100 to 105 ft. Hole 89-1 had a total depth of 140 ft.
- Drill 89-2 did not intersect either oxide and Jasper zones and a fault between 89-1 and 89-2 is conjectured. Hole 89-2 had a total depth of 200 ft.
- Drill hole 89-3 encountered the oxide zone from 65 ft. to 75 ft. This hole had a total depth of 100 ft.
- Drill hole 89-4 encountered an oxide zone, possibly a fault zone, between 20 ft. and 45 ft. with a total depth of 120 ft.

- Drill hole 89-5 encountered Jasper zones between 105 and 110 ft., 125 to 130 ft., 135 through 140 ft., 145 through 150 ft., 160 through 165 ft., 185 through 205 ft., 220 through 225 ft., 250 through 255 ft., 265 through 266 ft., 280 through 300 ft., and at Jasper zone from 300 to 320 ft., with a total depth of 340 ft.

- Drill holes 89-6 and 89-7 were drilled approximately 4,000 ft. southeast of the previous 1989 diamond drill holes and were designed to intersect a coincident magnetometer and VLF survey anomalies.

- Drill hole 89-6 had a total depth of 111 ft. and was abandoned when it hit a fault zone or some other zone which the reverse circulation drill operator conjectured had a fairly steep dip to the northwest.

- Hole 89-7 was an offset of hole 89-6 and is located approximately 240 ft. at 068 degrees from drill hole 89-6. Drill 89-7 encountered oxide from 45 ft. through 55 ft., 60 ft. through 65 ft., 85 ft. through 90 ft., and Jasper zone from 135 ft. through 140 ft., total depth of the hole is 300 ft.

- The 1989 precussion drilling was carried out between January 15 to 20, 1989.

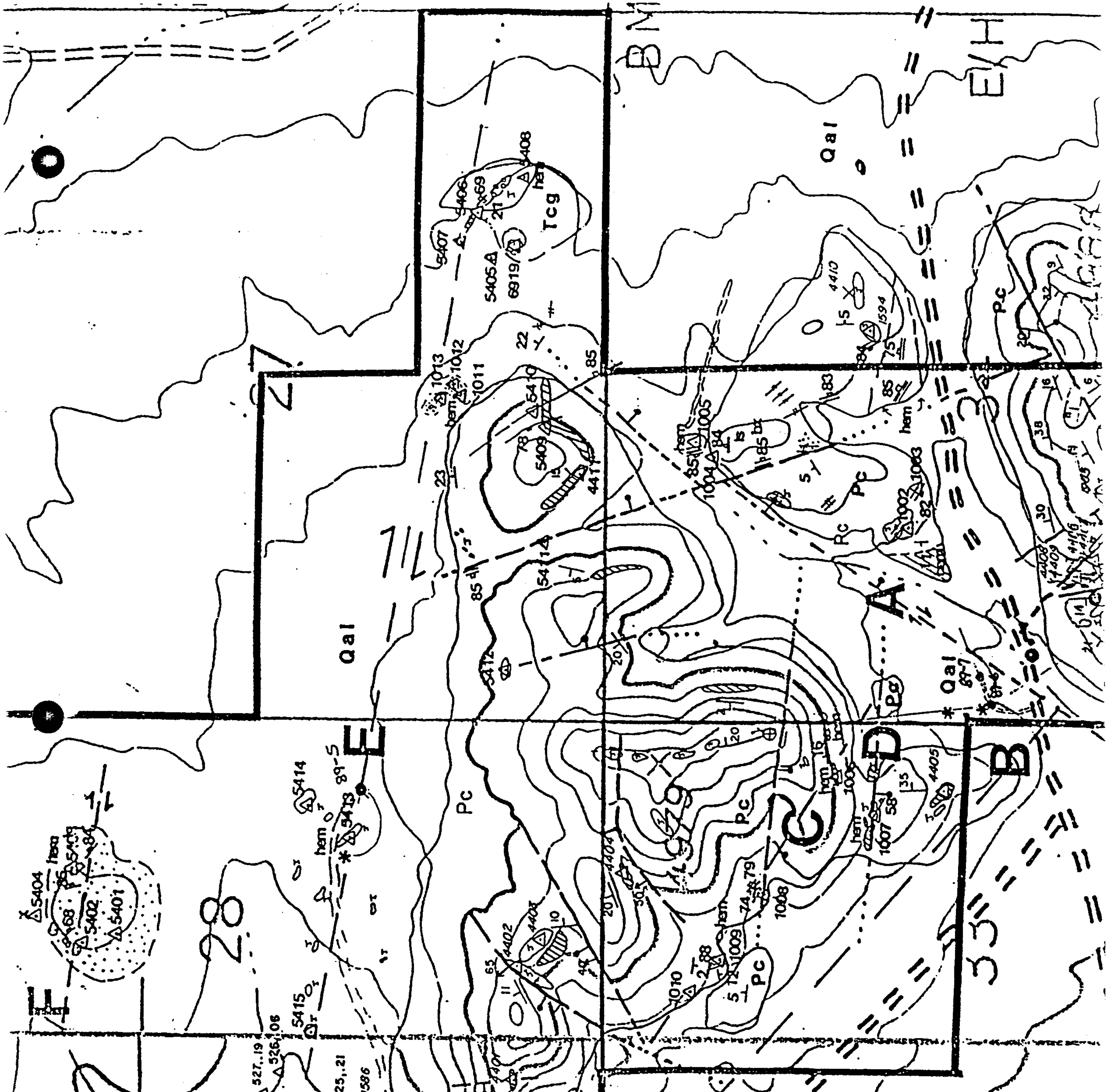
- The samples were all collected in 5 ft. intervals and were 1/8 split through a jones riffle splitter. The samples were sent on 20 January to Iron King Assayers in Prescott, Arizona with assay copies to be sent to Ken Cabianca, Tempo Resources Ltd., Vancouver, and Mary Barracco, Minsearch, Albuquerque.

- Attached is a preliminary 1989 drill hole location map which was xeroxed from Mary Barraco's field map.

- Further work on this property will be dependent upon the results of this drill program.

A.D. CCENSE.NAL

cc: M. Barraco


Qal
Pc
Tcg
hem
A
B
C
D
E
28
33
4700

February 15, 1989

The following is a summary of the results of the 1989 drill program conducted for Tempo Resources, Ltd. by MinSearch, Inc. on the Zebra Property located in Township 20 South, Range 23 East, Cochise County, Arizona. Seven holes were drilled which totaled 1,311 feet and tested three target areas on the property.

Four shallow holes were drilled as offsets to two previously drilled holes which encountered 20 feet of .045 ounces per ton gold and 30 feet of .037 ounces per ton gold. Both mineralized horizons were located within 70 feet of the surface. Two of the offsets drilled in the 1989 program encountered ore grade gold mineralization of 10 feet of .053 ounces per ton gold and 5 feet of .082 ounces per ton gold. The mineralization is located within 50 feet of the surface. The 1989 drill program extended the known mineralized trend to approximately 400 feet in length. The two other offsets were located away from the trend and encountered only trace mineralization.

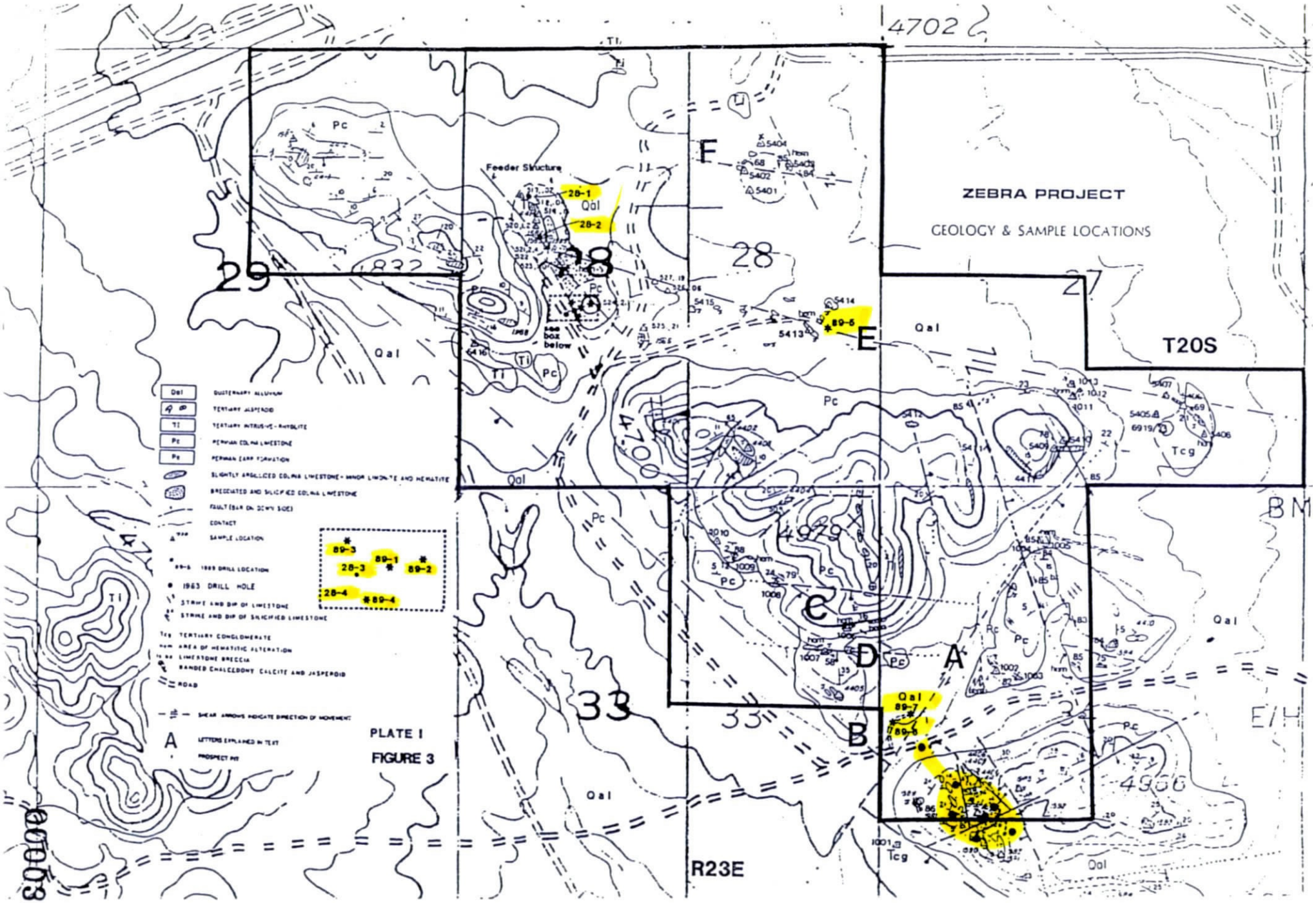
One deep hole was placed along a shear structure which has a surface exposure of at least 1.5 miles. Jasperoids and jasperoid breccia form conspicuous outcrops along the length of this structure. This hole encountered anomalous gold mineralization throughout but no values exceeded .010 ounces per ton gold.

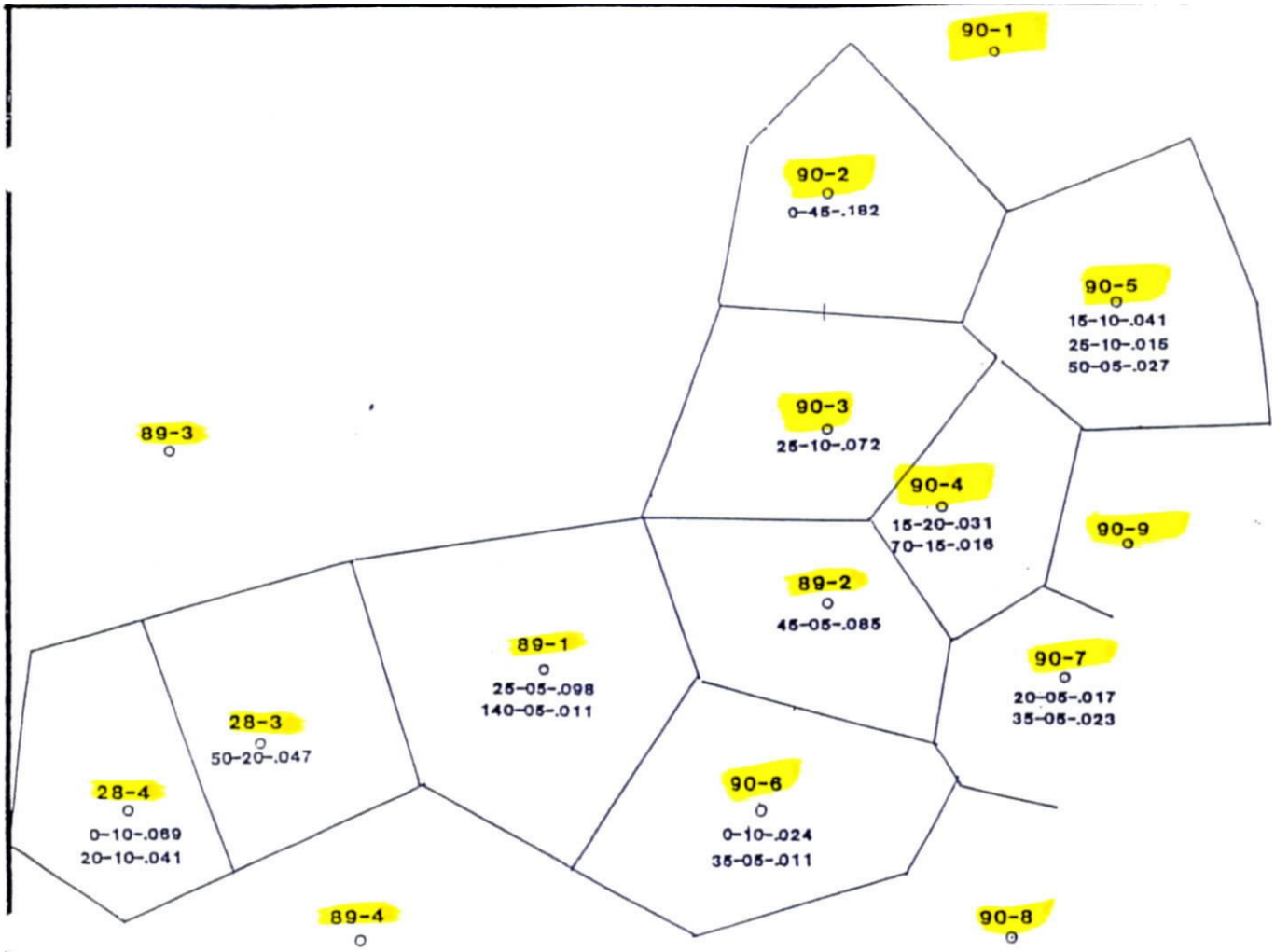
One shallow and one deep hole were drilled near the southern edge of the property to test a magnetic and VLF high delineated by earlier geophysical surveys. Both holes encountered anomalous gold mineralization with a maximum value of .014 ounces per ton gold over a 5 foot interval.

Leroy Halterman, MinSearch, Inc.
Certified Professional Geologist # 3334
S.C. Registered Geologist # 540,
fields of Mining and Mineral Exploration

000030

7985 Vance Drive, Suite 307 • Arvada, CO 80003 • (303) 420-2709
11930 Menaul NE, Suite 112 • Albuquerque, NM 87112 • (505) 298-8235


ZEBRA PROJECT
GEOLOGY & SAMPLE LOCATIONS
PLATE I
FIGURE 3
T20S
R23E
Feeder Structure
see box below
Qal
Pc
Ti
Tcg
A
B
C
D
E
F
89-1
89-2
89-3
89-4
89-5
89-6
89-7
89-8
28-1
28-2
28-3
28-4
4702
4700
4979
4956



TEMPO RESOURCES, INC.

ZEBRA PROSPECT

COCHISE COUNTY, ARIZONA

SECTION 28, T20S R23E

N

Scale in Feet

0 50 100 150

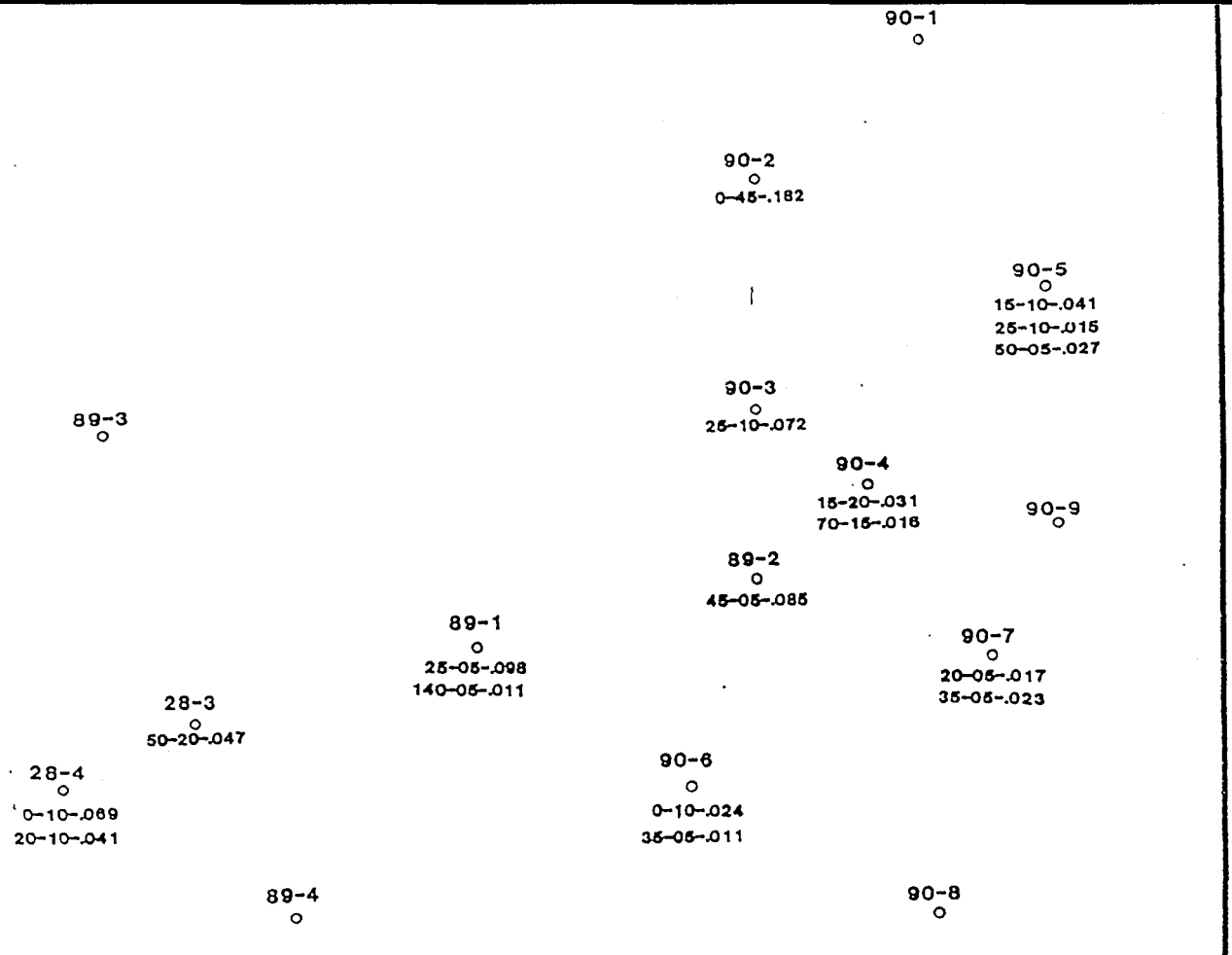
25-10-.072

Depth-Thickness-Gold in Troy Ounces

Figure 3

8/8/90

0000

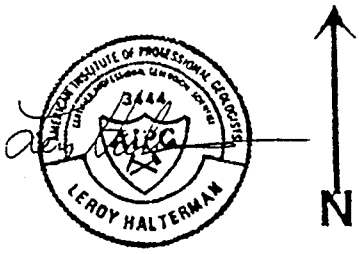


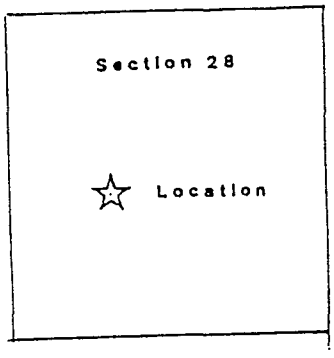
PRIMO GOLD LTD.

ZEBRA PROSPECT

COCHISE COUNTY, ARIZONA

SECTION 28, T20S R23E





Scale in Feet

0 50 100 150

25-10-.072

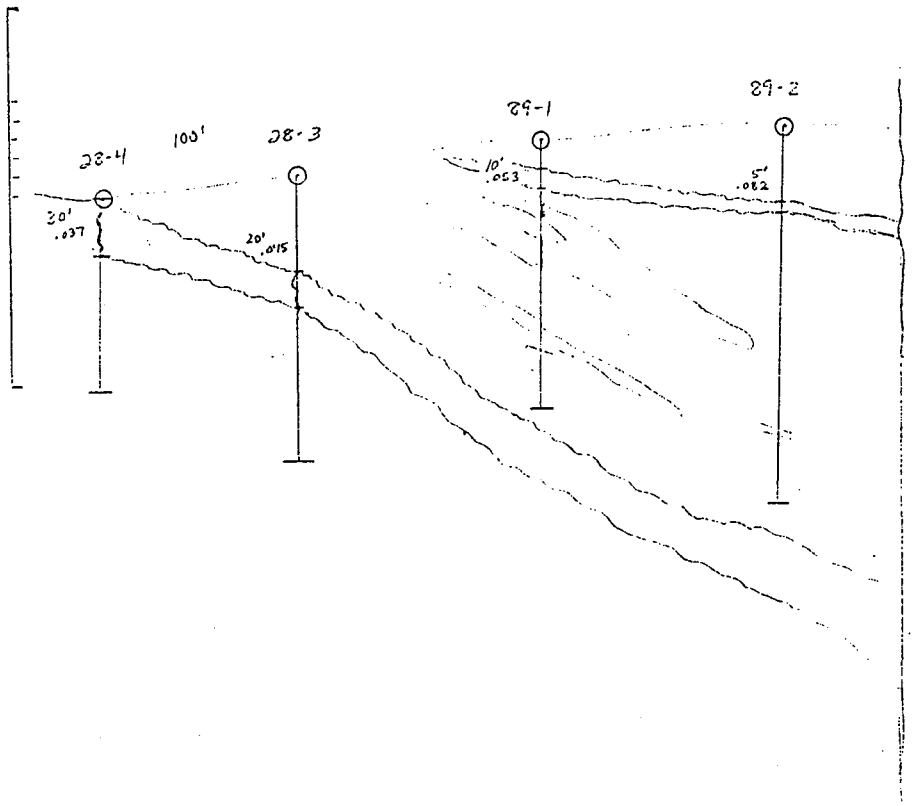
Depth-Thickness-Gold in Troy Ounces

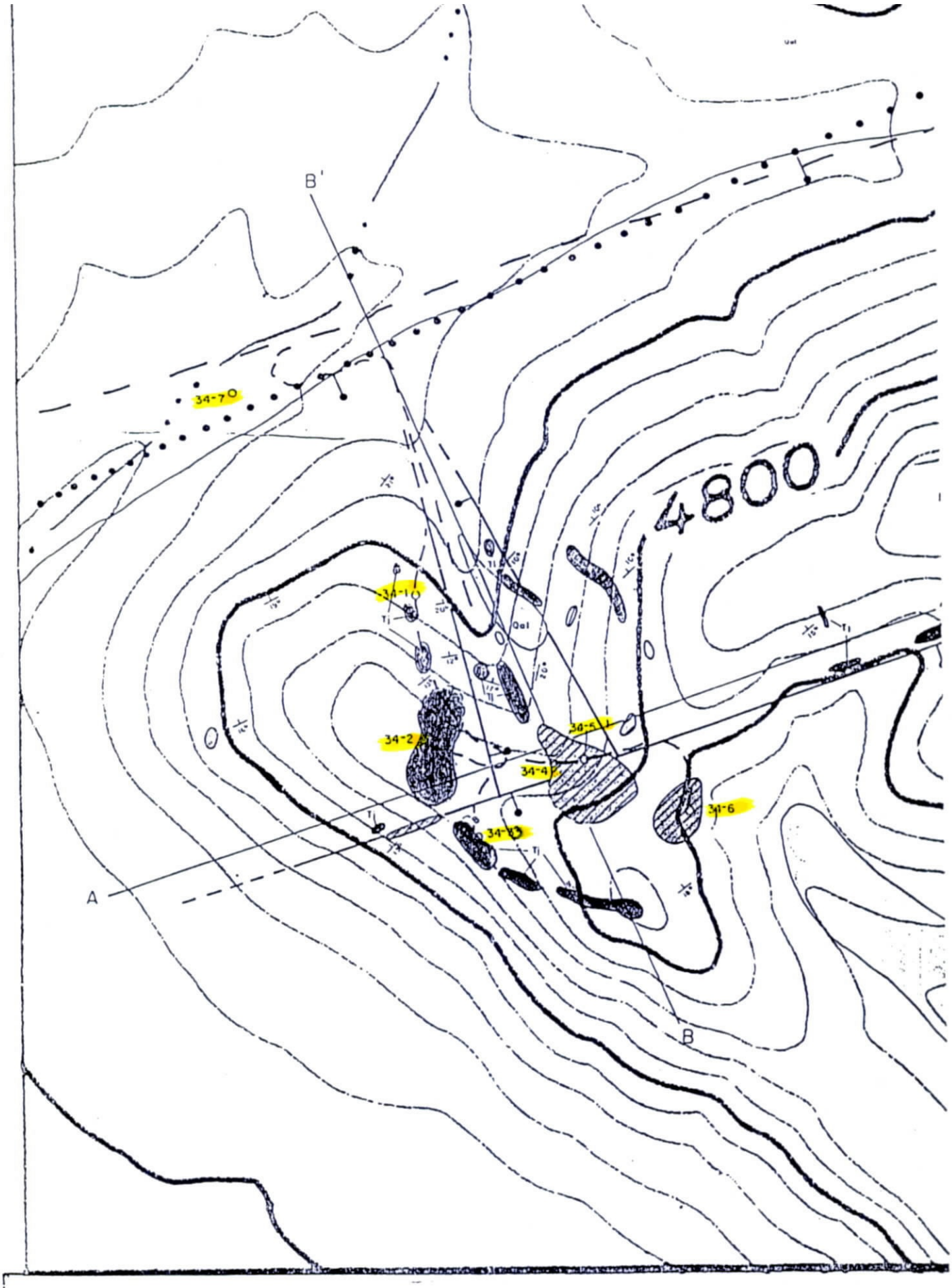
Figure 5

8/8/90

000163

E
1-68
1400'
283
1500'
EX
3
2


28-4
100'
28-3
89-1
89-2
30'
.037
20'
.015
10'
.053
5'
.082


B'
34-7
4800
34-1
Qal
34-2
34-5
34-4
34-6
34-3
A
B

90-12

TD 600'-45° S30W
2700 FNL 700 FEL

90-11

TD 200'-55° N65W

90-10

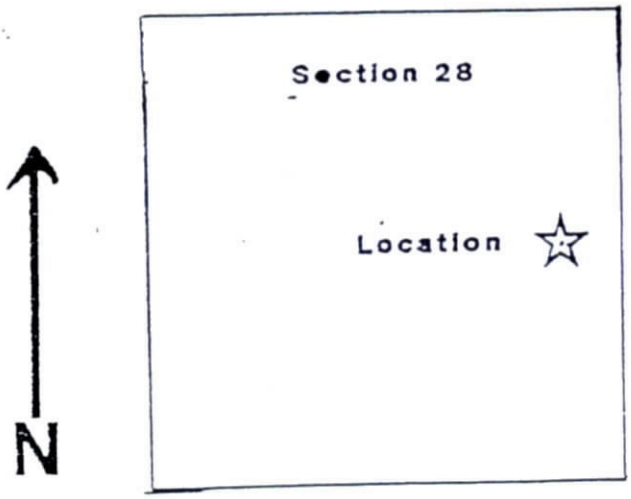
TD 200'-55° S20E
120-125'
2300 #/b
≥ 0,007

PRIMO GOLD LTD.

ZEBRA PROSPECT

COCHISE COUNTY, ARIZONA

SECTION 28, T20S R23E

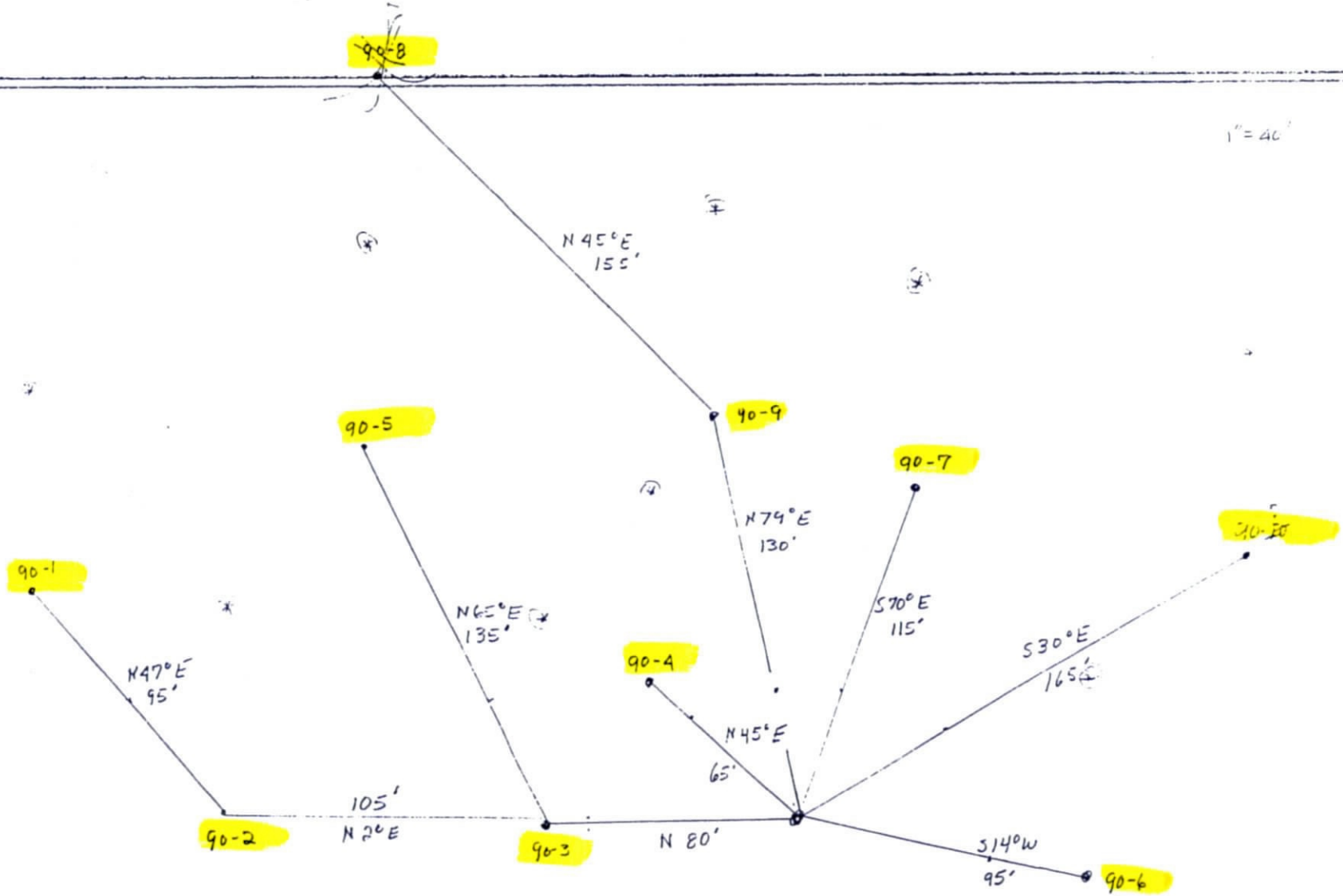


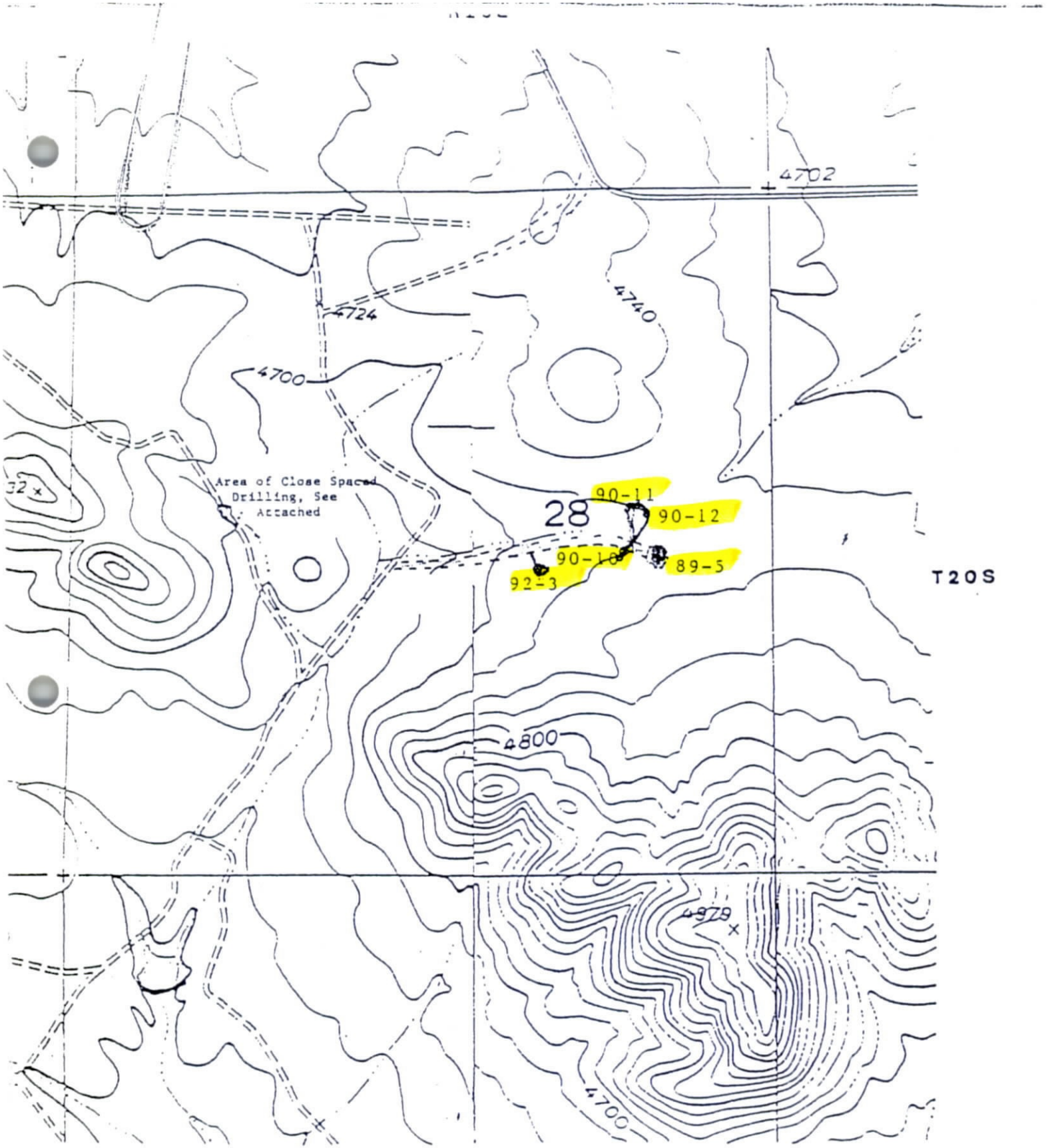
Scale in Feet

0 50 100 200

Figure 6

000229


90-8
1" = 40'
N 45° E
155'
90-9
90-5
90-7
N 79° E
130'
90-10
90-1
N 6E° E
135'
S 70° E
115'
S 30° E
165'
N 47° E
95'
90-4
N 45° E
65'
105'
N 2° E
90-2
90-3
N 80'
S 14° W
95'
90-6



Scale 1"-1000'

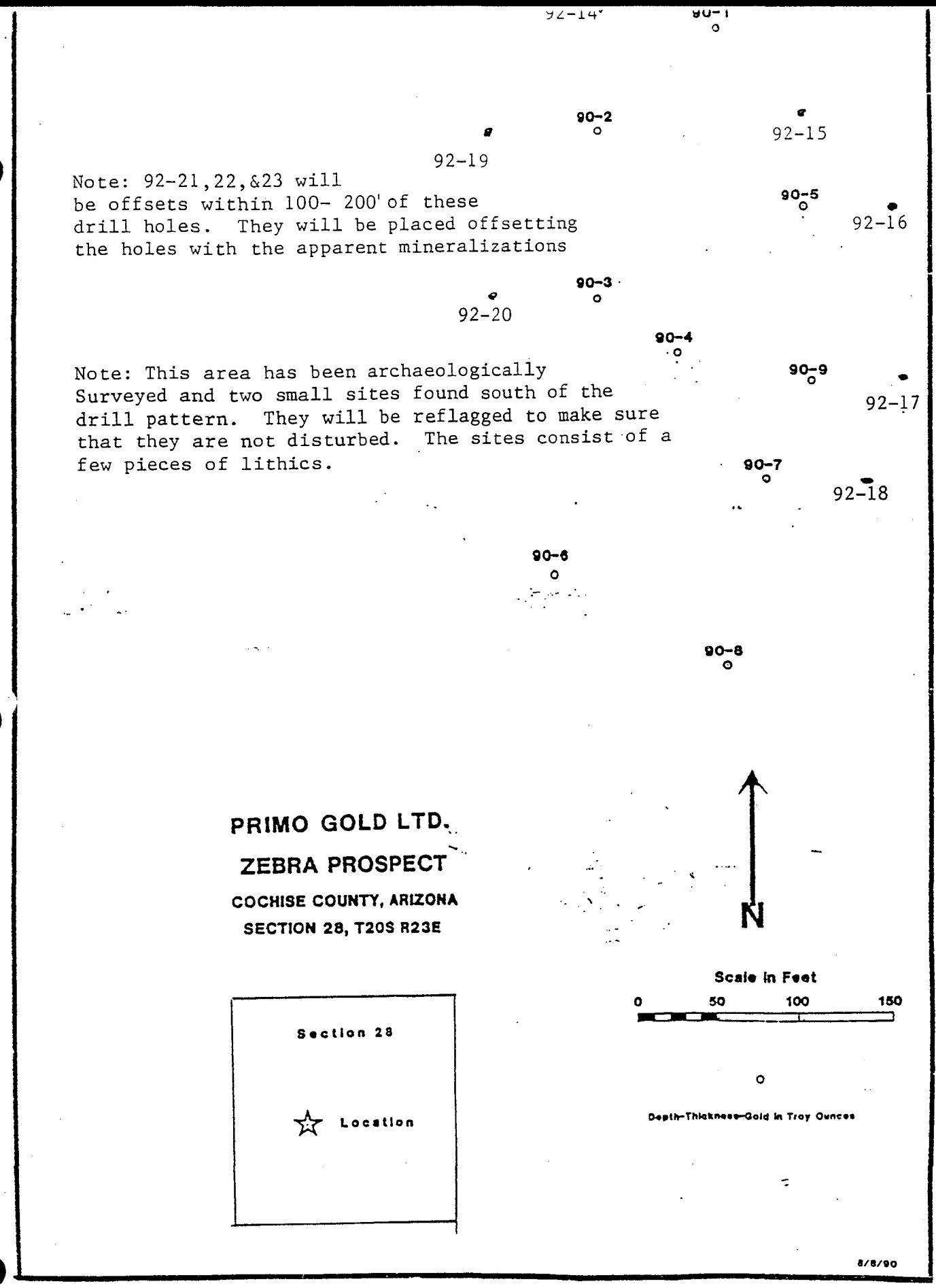
EXHIBIT A

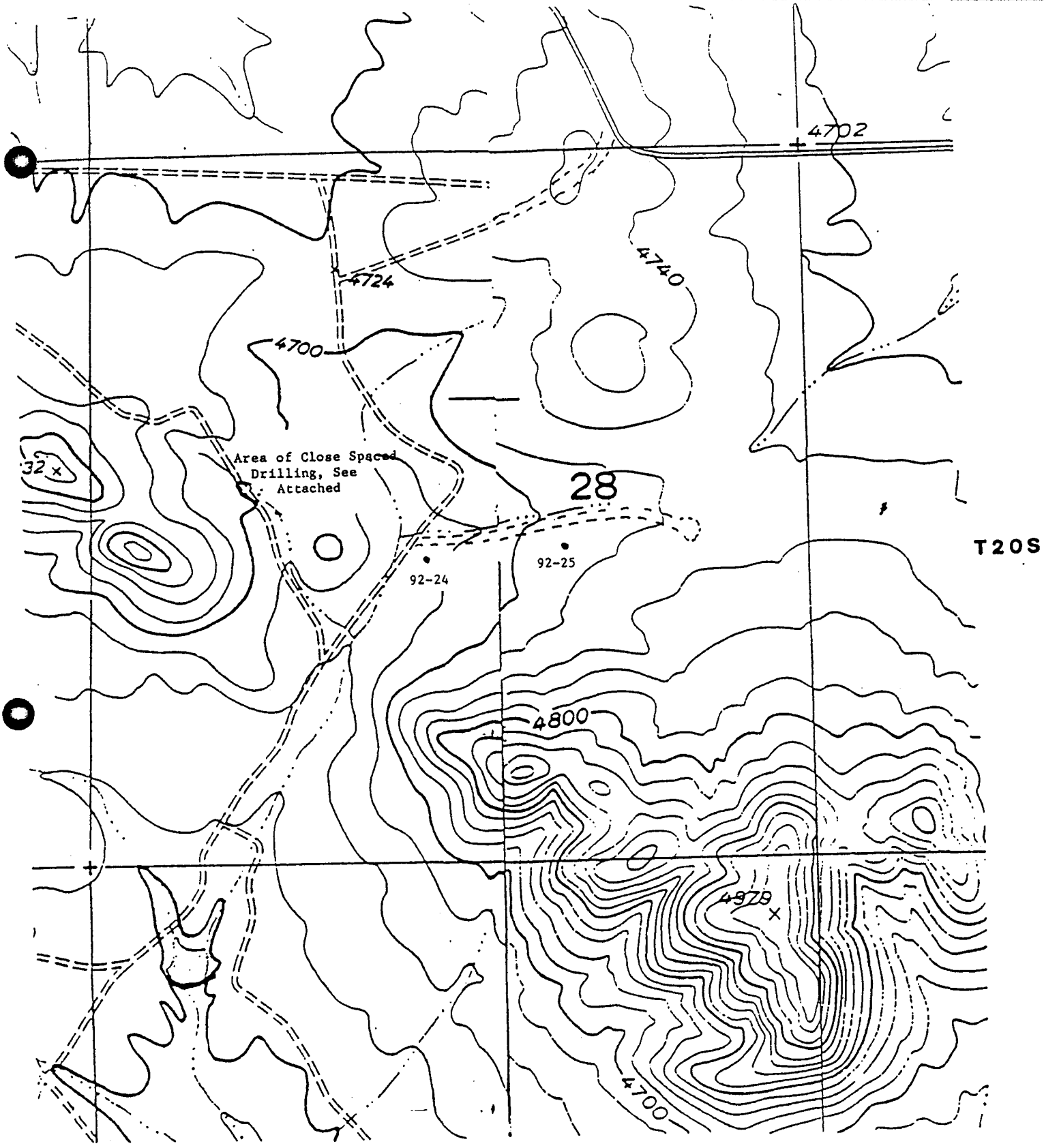
Existing Road

Drill Site

Limit of Disturbance

000230


92-14
90-1
90-2
92-15
92-19
Note: 92-21,22,&23 will
be offsets within 100- 200' of these
drill holes. They will be placed offsetting
the holes with the apparent mineralizations
90-5
92-16
90-3
92-20
90-4
Note: This area has been archaeologically
Surveyed and two small sites found south of the
drill pattern. They will be reflagged to make sure
that they are not disturbed. The sites consist of a
few pieces of lithics.
90-9
92-17
90-7
92-18
90-6
90-8
PRIMO GOLD LTD.
ZEBRA PROSPECT
COCHISE COUNTY, ARIZONA
SECTION 28, T20S R23E
N
Scale in Feet
0
50
100
150
Section 28
Location
Depth-Thickness-Gold in Troy Ounces
8/8/90



Scale 1"-1000'

EXHIBIT A

Existing Road

Drill Site

92-25

N

000271

ROTARY DRILL LOG

Hole No. 28-1
Page _ E _

FEL ½, FNL ½, Sec. 28, T 20S, R 23E.

Subject: Zebra | Logged By: R. Renn | Hole No. 28-1 | Ave.Grade Au. _____

County: Cochise | Type Drill: _____ | Date Started: _____ | Collar Elev: _____

State: Arizona | Hole size: _____ | Date Completed: _____ | Bearing: _____

_____ | Contractor: _____ | Total Depth: _____ | Inclination: _____

From Feet	To Feet	Assays G/T Au	Assays G/T Ag	Symbol	Geologic Description and Remarks	As	Sb
0	10	see attached			Pink to gray, rhyolite, fine grained, minor bleaching.		
10	20				Pink, ryholite, less bleaching, 1-2 mm quartz eyes 2-4 mm blebs of light gray silica.		
20	30				Pink, rhyolite, no bleaching, 1-2 mm quartz eyes 2-4 mm blebs of light gray silica.		
30	40				Gray-pink, rhyolite, gray silica is finer grained 1-2 mm quartz eyes.		
40	50				Pink, rhyolite, 2-4 mm subhedral quartz eyes in gray matrix.		
50	60				Gray, rholite, some argillic clay coating grains possibly associated with a fault zone, 2 mm quartz eyes.		
60	100				Pink, rhyolite, 2 mm quartz eyes.		
100	120				Very pink, rhyolite, 2 mm quartz eyes with gray silica blebs		
120	(TD)				Lost circulation and drill stem stuck.		

LAB I.D.	CLIENT I.D.	FIRE ASSAY - AA Au (ppm)	FIRE ASSAY Ag (oz/ton)
024-MA-987	28-2 0-10	0.03	0.1
025-MA-987	28-2 10-20	0.11	0.1
026-MA-987	28-2 20-30	0.03	<.1
027-MA-987	28-2 30-40	0.02	<.1
028-MA-987	28-2 40-50	0.06	<.1
029-MA-987	28-2 50-60	0.01	<.1
030-MA-987	28-2 60-70	0.01	<.1
031-MA-987	28-2 70-80	0.01	<.1
032-MA-987	28-2 80-90	0.04	<.1
033-MA-987	28-2 90-100	0.01	<.1
034-MA-987	28-2 100-110	0.01	<.1
035-MA-987	28-2 110-120	<.01	<.1
036-MA-987	28-2 120-130	<.01	<.1
037-MA-987	28-2 130-140	<.01	<.1
038-MA-987	28-2 140-150	0.01	<.1
039-MA-987	28-2 150-160	<.01	<.1
040-MA-987	28-2 160-170	<.01	<.1
041-MA-987	28-2 170-180	<.01	<.1
042-MA-987	28-2 180-190	<.01	<.1
043-MA-987	28-2 190-200	<.01	<.1
044-MA-987	28-1 0-10	0.07	<.1
045-MA-987	28-1 10-20	0.09	<.1
046-MA-987	28-1 20-30	0.06	<.1
047-MA-987	28-1 30-40	0.05	<.1

LAB I.D.	CLIENT I.D.	FIRE ASSAY - AA Au (ppm)	FIRE ASSAY Ag (oz/ton)
048-MA-987	28-1 40-50	0.11	<.1
049-MA-987	28-1 50-60	0.09	<.1
050-MA-987	28-1 60-70	0.03	<.1
051-MA-987	28-1 70-80	0.01	<.1
052-MA-987	28-1 80-90	0.02	<.1
053-MA-987	28-1 90-100	0.01	<.1
054-MA-987	28-1 100-110	0.01	<.1
055-MA-987	28-1 110-120	<.01	<.1
056-MA-987	5807	0.01	<.1
057-MA-987	5808	0.01	<.1
058-MA-987	5809	0.06	<.1
059-MA-987	5810	0.42	<.1
060-MA-987	5811	0.50	<.1
061-MA-987	5812	<.01	<.1
062-MA-987	5813	0.02	<.1

	FIRE ASSAY - AA	FIRE ASSAY
	Au (ppm)	Ag (oz/ton)
28-1 0-10	0.07	<.1
28-1 10-20	0.09	<.1
28-1 20-30	0.06	<.1
28-1 30-40	0.05	<.1
28-1 40-50	0.11	<.1
28-1 50-60	0.09	<.1
28-1 60-70	0.03	<.1
28-1 70-80	0.01	<.1
28-1 80-90	0.02	<.1
28-1 90-100	0.01	<.1
28-1 100-110	0.01	<.1
28-1 110-120	<.01	<.1

ROTARY DRILL LOG

Hole Nr 28-2
Page 1 of 1

FEL ½, FNL ½, Sec. 28, T 20S, R 23E.

Subject: Zebra | Logged By: R. Renn | Hole No. 28-2 | Ave.Grade Au. _____
County: Cochise | Type Drill: _____ | Date Started: _____ | Collar Elev: _____
State: Arizona | Hole size: _____ | Date Completed: _____ | Bearing: _____
_____ | Contractor: _____ | Total Depth: _____ | Inclination: _____

From Feet	To Feet	Assays G/T Au	Assays G/T Ag	Symbol	Geologic Description and Remarks	As	Sb
0	30				Gray rhyolite with minor pink rhyolite, 2-4 mm quarts blebs, glassy, clear, mixed with $CaCo_3$ dust or coating on rhyolite, FeOx halos scattered in some parts of gray rhyolite.		
30	60				Same as above but now with more FeOx stains on grains, some actually looks like limonite (after pyrite?), also good pieces of quartz or silica, white to slight dirty color still $CaCo_3$ as fine dust.		
60	70				Same as previous description but slight color change from light gray to a medium gray, still fizzes, still good FeOx.		
70	90				Lt. green (argillic) to dark gray Ls., with fine calcareous dust, some rhyolite left but minor.		
90	100				Increase in dark gray Ls. (fresh).		
100	150				Ls., white to dark gray, also some maroon mudstone, slightly calcareous and pink domomite (?), calcareous dust is pink to rust colored.		
150	180				Ls. light to dark gray, minor maroon mudstone.		
180	190				Ls., light to dark gray but maroon mudstone is major constituent (80%).		
190	200				Return to primarily white to dark gray Ls. with some pink dolomite (?).		

see attached

000

LAB I.D.	CLIENT I.D.	FIRE ASSAY - AA Au (ppm)	FIRE ASSAY Ag (oz/ton)
024-MA-987	28-2 0-10	0.03	0.1
025-MA-987	28-2 10-20	0.11	0.1
026-MA-987	28-2 20-30	0.03	<.1
027-MA-987	28-2 30-40	0.02	<.1
028-MA-987	28-2 40-50	0.06	<.1
029-MA-987	28-2 50-60	0.01	<.1
030-MA-987	28-2 60-70	0.01	<.1
031-MA-987	28-2 70-80	0.01	<.1
032-MA-987	28-2 80-90	0.04	<.1
033-MA-987	28-2 90-100	0.01	<.1
034-MA-987	28-2 100-110	0.01	<.1
035-MA-987	28-2 110-120	<.01	<.1
036-MA-987	28-2 120-130	<.01	<.1
037-MA-987	28-2 130-140	<.01	<.1
038-MA-987	28-2 140-150	0.01	<.1
039-MA-987	28-2 150-160	<.01	<.1
040-MA-987	28-2 160-170	<.01	<.1
041-MA-987	28-2 170-180	<.01	<.1
042-MA-987	28-2 180-190	<.01	<.1
043-MA-987	28-2 190-200	<.01	<.1
044-MA-987	28-1 0-10	0.07	<.1
045-MA-987	28-1 10-20	0.09	<.1
046-MA-987	28-1 20-30	0.06	<.1
047-MA-987	28-1 30-40	0.05	<.1

	FIRE ASSAY - AA	FIRE ASSAY
	Au (ppm)	Ag (oz/ton)
28-2 0-10	0.03	0.1
28-2 10-20	0.11	0.1
28-2 20-30	0.03	<.1
28-2 30-40	0.02	<.1
28-2 40-50	0.06	<.1
28-2 50-60	0.01	<.1
28-2 60-70	0.01	<.1
28-2 70-80	0.01	<.1
28-2 80-90	0.04	<.1
28-2 90-100	0.01	<.1
28-2 100-110	0.01	<.1
28-2 110-120	<.01	<.1
28-2 120-130	<.01	<.1
28-2 130-140	<.01	<.1
28-2 140-150	0.01	<.1
28-2 150-160	<.01	<.1
28-2 160-170	<.01	<.1
28-2 170-180	<.01	<.1
28-2 180-190	<.01	<.1
28-2 190-200	<.01	<.1

ROTARY DRILL LOG

Hole No 28-3
Page 1 of 1

EL ___, FNL ___, Sec. 28, T 20S, R 23E.

Subject: Zebra | Logged By: R. Renn | Hole No. 28-3 | Ave.Grade Au. ___
County: Cochise | Type Drill: ___ | Date Started: ___ | Collar Elev: ___
State: Arizona | Hole size: ___ | Date Completed: ___ | Bearing: ___
___ | Contractor: ___ | Total Depth: ___ | Inclination: ___

From Feet	To Feet	Assays G/T Au	Assays G/T Ag	Symbol	Geologic Description and Remarks	As	Sb
0	10				Buff colored calcareous fines with large pieces of gray fresh Ls. and gray to pink rhyolite as previously described in holes 28-1 and 2. Contains some float from surface.		
10	100				White to gray, fresh Ls. with some reddish brown calcareous mudstone, free calcite, clear, some FeOx stains on Ls., gray Ls. constitutes 60-70% of sample.		
100	130				Same as above but less FeOx and increase in gray Ls. to 90% of sample volume.		
130	150				Fresh, gray Ls. with some FeOx staining, white to rust or pink dolomite (?), 30%, calcite, clear.		
150	170				Decrease in pink dolomite (?) to only 10%.		
170	190				Increase of pink-rust dolomite (?) back to 20-30%, mixed with gray limestone, some with FeOx stains, loose calcite.		
190	200				Decrease in dolomite to 10% again.		
200	220				Slight increase of pink to rust dolomite to approx. 20%.		
220	225				Dolomite to 50%, same colors, same FeOx staining, sample was foamed.		

see attached

August 8, 1983

ANALYTICAL REPORT

LAB I.D.	CLIENT I.D.	FIRE ASSAY - AA Au (ppm)	FIRE ASSAY Ag (oz/ton)
001-MA-987	28-3 0-10	0.03	0.1
002-MA-987	28-3 10-20	0.24	0.1
003-MA-987	28-3 20-30	0.11	0.1
004-MA-987	28-3 30-40	0.05	<.1
005-MA-987	28-3 40-50	0.27	0.1
006-MA-987	28-3 50-60	1.52	<.1
007-MA-987	28-3 60-70	1.40	<.1
008-MA-987	28-3 70-80	0.08	<.1
009-MA-987	28-3 80-90	0.06	<.1
010-MA-987	28-3 90-100	0.14	<.1
011-MA-987	28-3 100-110	0.04	<.1
012-MA-987	28-3 110-120	0.03	<.1
013-MA-987	28-3 120-130	0.01	<.1
014-MA-987	23-3 130-140	<.01	<.1
015-MA-987	28-3-140-150	0.01	<.1
016-MA-987	28-3 150-160	0.02	<.1
017-MA-987	28-3-160-170	<.01	<.1
018-MA-987	29-3 170-180	<.01	<.1
019-MA-987	28-3 180-190	<.01	<.1
020-MA-987	28-3 190-200	<.01	<.1
021-MA-987	28-3 200-210	<.01	<.1
022-MA-987	28-3 210-220	<.01	<.1
023-MA-987	28-3 220-225	0.01	<.1

The Colina Limestone is a dark-gray, sparsely cherty rock with some dolomitic beds present. It is usually a relatively thin formation varying from 250 to 650 feet. However, in the Zebra prospect area, it approaches it's maximum thickness. In the nearby Tombstone hills, a 633 foot section of Colina Formation was measured.

Previous Work

The Zebra property was held in the recent gold boom by two other companies: Energy Reserves Group from 1982 thru mid- 1983, and Consolidated Paymaster from mid-1983 thru mid-1985. Energy Reserves Group work consisted of geological mapping and geochemical sampling which delineated a number of targets, some of which are still untested today. Consolidated Paymaster work consisted of a 10-hole program totaling 2,465 feet designed to test several of the surface anomalies located on the property. Seven of these holes were clustered in a twelve acre area in Section 34 and three were located in and near a rhyolite intrusive in section 28. Overall, this program tested only a small percentage of the prospective area of the Zebra Prospect. Most holes in the 1983 Paymaster program did encountered minor mineralization with one hole, 28-3, encountering 20 feet of .045 ounces per ton gold within fifty feet of the surface. Sample descriptions indicate this material to be oxidized and may be heap leachable.

During 1985 Wellington Financial conducted a one hole drilling program to test the continuity of the mineralization located by hole 28-3. This offset drill hole, 28-4, also intercepted mineralization of similar grade but

thicker than that found in Paymaster's 28-3 drill hole. The results of this hole are tabulated in Table 1.

Table 1

Depth	North Hole 28-3 (1983) Oz/ton/Au	South Hole 28-4 (1985) Oz/ton/Au
0-10	Trace	.069
10-20	.007	.002
20-30	.004	.041
30-40	.002	.002
40-50	.008	.014
50-60	.047	N.D.
60-70	.043	N.D.
70-80	.002	N.D.
80-90	.002	N.D.
90-100	.004	N.D.
100-110	N.D.	No Log found
110-120	N.D.	
120-130	N.D.	
130-140	N.D.	
140-150	N.D.	

000090

ROTARY DRILL LOG

Hole No. 34-
Page 1 of 1

FEL ¼¼FNL ¼, Sec. 34, T 20S, R 23E.

Subject: Zebra | Logged By: R. Renn | Hole No. 34-1 | Ave.Grade Au. _____

County: Cochise | Type Drill: _____ | Date Started: _____ | Collar Elev: _____

State: Arizona | Hole size: _____ | Date Completed: _____ | Bearing: _____

_____ | Contractor: _____ | Total Depth: _____ | Inclination: _____

From Feet	To Feet	Assays G/T Au	Assays G/T Ag	Symbol	Geologic Description and Remarks	As	Sb
0	30	see attached			Gray Ls, very minor FeOx, some good calcite, 20-30% red-brown calcareous mudstone-Ls.		
30	40				Med. gray Ls and red-brown Ls (30%) with some minor silicification, moderate FeOx, calcite.		
40	50				Medium gray Ls, grayish pink silicified Ls (?) 10% fine grained and occassional FeOx, calcite veining in Ls.		
50	110				Medium gray to brownish gray Ls, fresh, minoe FeOx and calcite.		
110	130				Slight increase in calcite, FeOx more orange.		
130	140				Medium gray Ls, with 10% red-brown mudstone, calcareous, good FeOx stained calcite.		
140	180				Decrease in orange calcite.		
180	190				Medium gray Ls, minor calcite and FeOx.		
190	210				Dark gray Ls, minor calcite and FeOx.		
210	280				Medium gray to brownish gray Ls.		
280	290				Medium to light gray Ls with 20% dark tan calcareous mudstone, minor FeOx and calcite.		
290	300				Medium gray Ls, minor FeOx and calcite.		

0000

August 16, 1983

ANALYTICAL REPORT

LAB I.D.	CLIENT I.D.	FIRE ASSAY - AA Au (ppm)	FIRE ASSAY Ag (oz/ton)
001-MA995	34-1 0-10	0.02	0.1
002-MA995	34-1 10-20	0.01	<.1
003-MA995	34-1 20-30	0.02	0.1
004-MA995	34-1 30-40	0.04	<.1
005-MA995	34-1 40-50	0.05	<.1
006-MA995	34-1 50-60	<.01	<.1
007-MA995	34-1 60-70	<.01	<.1
008-MA995	34-1 70-80	<.01	<.1
009-MA995	34-1 80-90	<.01	<.1
010-MA995	34-1 90-100	<.01	<.1
011-MA995	34-1 100-110	<.01	<.1
012-MA995	34-1 110-120	<.01	<.1
013-MA995	34-1 120-130	<.01	<.1
014-MA995	34-1 130-140	<.01	<.1
015-MA995	34-1 140-150	<.01	<.1
016-MA995	34-1 150-160	<.01	<.1
017-MA995	34-1 160-170	<.01	<.1
018-MA995	34-1 170-180	0.02	<.1
019-MA995	34-1 180-190	<.01	0.1
020-MA995	34-1 190-200	<.01	<.1
021-MA995	34-1 200-210	<.01	<.1
022-MA995	34-1 210-220	<.01	<.1
023-MA995	34-1 220-230	<.01	<.1

LAB I.D.	CLIENT I.D.	FIRE ASSAY - AA	FIRE ASSAY
		Au (ppm)	Ag (oz/ton)
024-MA995	34-1 230-240	<.01	<.1
025-MA995	34-1 240-250	<.01	0.1
026-MA995	34-1 250-260	<.01	<.1
027-MA995	34-1 260-270	<.01	<.1
028-MA995	34-1 270-280	<.01	<.1
029-MA995	34-1 280-290	<.01	<.1
030-MA995	34-1 290-300	0.04	0.1
031-MA995	34-2 0-10	0.14	<.1
032-MA995	34-2 10-20	0.04	<.1
033-MA995	34-2 20-30	<.01	<.1
034-MA995	34-2 30-40	<.01	<.1
035-MA995	34-2 40-50	<.01	<.1
036-MA995	34-2 50-60	0.18	<.1
037-MA995	34-2 60-70	<.01	<.1
038-MA995	34-2 70-80	<.01	0.1
039-MA995	34-2 80-90	<.01	<.1
040-MA995	34-2 90-100	<.01	<.1
041-MA995	34-2 100-110	<.01	<.1
042-MA995	34-2 110-120	<.01	0.1
043-MA995	34-2 120-130	<.01	0.1
044-MA995	34-2 130-140	<.01	<.1
045-MA995	34-2 140-150	<.01	<.1
046-MA995	34-2 150-160	<.01	<.1
047-MA995	34-2 160-170	<.01	0.1

	FIRE ASSAY - AA	FIRE ASSAY
	Au (ppm)	Ag (oz/ton)
34-1 0-10	0.02	0.1
34-1 10-20	0.01	<.1
34-1 20-30	0.02	0.1
34-1 30-40	0.04	<.1
34-1 40-50	0.05	<.1
34-1 50-60	<.01	<.1
34-1 60-70	<.01	<.1
34-1 70-80	<.01	<.1
34-1 80-90	<.01	<.1
34-1 90-100	<.01	<.1
34-1 100-110	<.01	<.1
34-1 110-120	<.01	<.1
34-1 120-130	<.01	<.1
34-1 130-140	<.01	<.1
34-1 140-150	<.01	<.1
34-1 150-160	<.01	<.1
34-1 160-170	<.01	<.1
34-1 170-180	0.02	<.1
34-1 180-190	<.01	0.1
34-1 190-200	<.01	<.1
34-1 200-210	<.01	<.1
34-1 210-220	<.01	<.1
34-1 220-230	<.01	<.1

	FIRE ASSAY - AA	FIRE ASSAY
cont.	Au (ppm)	Ag (oz/ton)
34-1 230-240	<.01	<.1
34-1 240-250	<.01	0.1
34-1 250-260	<.01	<.1
34-1 260-270	<.01	<.1
34-1 270-280	<.01	<.1
34-1 280-290	<.01	<.1
34-1 290-300	0.04	0.1

ROTARY DRILL LOG

Hole No. 34-2
Page 1 of 2

FEL ½, FNL ½, Sec. 34, T 20S, R 23E.

Subject: Zebra
County: Cochise
State: Arizona

Logged By: R. Renn
Type Drill:
Hole size:
Contractor:

Hole No. 34-2
Date Started:
Date Completed:
Total Depth:

Ave.Grade Au.
Collar Elev:
Bearing:
Inclination:

From Feet	To Feet	Assays G/T Au	Assays G/T Ag	Symbol	Geologic Description and Remarks	As	Sb
0	10				Ls grayish brown, fresh with abundant FeOx stained calcite, some silica white-clear (10%)		
10	40				Ls gray to reddish brown, still abundant orange (FeOx stained), calcite, 50-50 gray to red-brown Ls.		
40	60				Red-brown Ls - calcareous mudstone. Increase to 60-70% with remainder as gray Ls, no calcite fracture was reported here.		
60	100				All gray Ls with minor FeOx stains, 1-2% orange calcite (FeOx stains)		
100	110	see attached			Same as above with some darker gray Ls (10%) mixed in, darker gray Ls has no FeOx staining.		
110	120				Dark gray-medium gray; reddish gray Ls with very little FeOx staining, very minor calcite.		
120	130				Same as 110-120 section but with some very minor white, coarse grained silica observed.		
130	140				Same as 110' to 120'.		
140	150				Medium gray Ls with 3% orange calcite.		
150	160				Ls, medium-dark gray, very minor orange calcite.		
160	190				Ls, gray (90%) - reddish brown (10%), minor FeOx calcite veins in Ls.		
190	200				Medium gray Ls, very minor FeOx staining.		
200	230				Dark gray Ls, with minor FeOx staining, 10-20% red-orange brown mudstone.		
230	250				Mudstone drops out.		
250	290				Medium gray Ls, with minor FeOx staining and calcite.		

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ROTARY DRILL LOG

Page No. 3 of 2

FEL ___ ¼ FNL ___, Sec. 34, T 20S, R 23E.

Subject: Zebra | Logged By: R. Renn | Hole No. 34-2 | Ave.Grade Au. ___

County: Cochise | Type Drill: ___ | Date Started: ___ | Collar Elev: ___

State: Arizona | Hole size: ___ | Date Completed: ___ | Bearing: ___

___ | Contractor: ___ | Total Depth: ___ | Inclination: ___

From Feet	To Feet	Assays G/T Au	Assays G/T Ag	Symbol	Geologic Description and Remarks	As	Sb
290	300				Dark gray Ls and 20% red-brown Ls - mudstone, some FeOx staining and calcite.		

000073

LAB I.D.	CLIENT I.D.	FIRE ASSAY - AA	FIRE ASSAY
		Au (ppm)	Ag (oz/ton)
024-MA995	34-1 230-240	<.01	<.1
025-MA995	34-1 240-250	<.01	0.1
026-MA995	34-1 250-260	<.01	<.1
027-MA995	34-1 260-270	<.01	<.1
028-MA995	34-1 270-280	<.01	<.1
029-MA995	34-1 280-290	<.01	<.1
030-MA995	34-1 290-300	0.04	0.1
031-MA995	34-2 0-10	0.14	<.1
032-MA995	34-2 10-20	0.04	<.1
033-MA995	34-2 20-30	<.01	<.1
034-MA995	34-2 30-40	<.01	<.1
035-MA995	34-2 40-50	<.01	<.1
036-MA995	34-2 50-60	0.18	<.1
037-MA995	34-2 60-70	<.01	<.1
038-MA995	34-2 70-80	<.01	0.1
039-MA995	34-2 80-90	<.01	<.1
040-MA995	34-2 90-100	<.01	<.1
041-MA995	34-2 100-110	<.01	<.1
042-MA995	34-2 110-120	<.01	0.1
043-MA995	34-2 120-130	<.01	0.1
044-MA995	34-2 130-140	<.01	<.1
045-MA995	34-2 140-150	<.01	<.1
046-MA995	34-2 150-160	<.01	<.1
047-MA995	34-2 160-170	<.01	0.1

LAB I.D.	CLIENT I.D.	FIRE ASSAY - AA Au (ppm)	FIRE ASSAY Ag (oz/ton)
048-MA995	34-2 170-180	<.01	<.1
049-MA995	34-2 180-190	<.01	<.1
050-MA995	34-2 190-200	<.01	<.1
051-MA995	34-2 200-210	<.01	0.1
052-MA995	34-2 210-220	<.01	<.1
053-MA995	34-2 220-230	<.01	<.1
054-MA995	34-2 230-240	<.01	0.2
055-MA995	34-2 240-250	<.01	<.1
056-MA995	34-2 250-260	0.04	<.1
057-MA995	34-2 260-270	<.01	<.1
058-MA995	34-2 270-280	<.01	<.1
059-MA995	34-2 280-290	<.01	0.1
060-MA995	34-2 290-300	<.01	<.1
061-MA995	34-7 0-10	<.01	<.1
062-MA995	34-7 10-20	0.04	0.1
063-MA995	34-7 20-30	<.01	<.1
064-MA995	34-7 30-40	<.01	<.1
065-MA995	34-7 40-50	<.01	<.1
066-MA995	34-7 50-60	<.01	<.1
067-MA995	34-7 60-70	<.01	<.1
068-MA995	34-7 70-80	<.01	<.1
069-MA995	34-7 80-90	<.01	0.1
070-MA995	34-7 90-100	<.01	<.1
071-MA995	34-7 100-110	0.02	<.1

	FIRE ASSAY - AA	FIRE ASSAY
	Au (ppm)	Ag (oz/ton)
34-2 0-10	0.14	<.1
34-2 10-20	0.04	<.1
34-2 20-30	<.01	<.1
34-2 30-40	<.01	<.1
34-2 40-50	<.01	<.1
34-2 50-60	0.18	<.1
34-2 60-70	<.01	<.1
34-2 70-80	<.01	0.1
34-2 80-90	<.01	<.1
34-2 90-100	<.01	<.1
34-2 100-110	<.01	<.1
34-2 110-120	<.01	0.1
34-2 120-130	<.01	0.1
34-2 130-140	<.01	<.1
34-2 140-150	<.01	<.1
34-2 150-160	<.01	<.1
34-2 160-170	<.01	0.1
34-2 170-180	<.01	<.1
34-2 180-190	<.01	<.1
34-2 190-200	<.01	<.1
34-2 200-210	<.01	0.1
34-2 210-220	<.01	<.1
34-2 220-230	<.01	<.1
34-2 230-240	<.01	0.2

cont.	FIRE ASSAY - AA Au (ppm)	FIRE ASSAY Ag (oz/ton)
34-2 240-250	<.01	<.1
34-2 250-260	0.04	<.1
34-2 260-270	<.01	<.1
34-2 270-280	<.01	<.1
34-2 280-290	<.01	0.1
34-2 290-300	<.01	<.1

ROTARY DRILL LOG

Hole 34-3
Page 1 of 1

FEL A, FNL A, Sec. 34, T 20S, R 23E.

Subject: Zebra | Logged By: R. Renn | Hole No. 34-3 | Ave.Grade Au. _____
County: Cochise | Type Drill: _____ | Date Started: _____ | Collar Elev: _____
State: Arizona | Hole size: _____ | Date Completed: _____ | Bearing: _____
_____ | Contractor: _____ | Total Depth: _____ | Inclination: _____

rom eet	To Feet	Assays G/T Au	Assays G/T Ag	Sym hol	Geologic Description and Remarks	As	Sb
0	10	see attached			Fresh gray Ls with minor white calcite, red-brown mudstone 10%.		
10	60				Ls with minor FeOx stained calcite in fractures, 10% red-brown mudstone.		
60	90				Ls and mudstone the same but slight increase to 2-3% heavy FeOx stained calcite.		
90	100				Plain Ls, gray, fresh.		
100	140				Ls. and 10% mudstone, red-brown 10-15%, minor FeOx stained calcite.		
140	150				Calcareous mudstone and argillics, 50% with same Ls and minor FeOx calcite.		
150	170				Ls, dark gray, minor calcite.		
170	200				Dark gray Ls and 20% red-brown mudstone; Ls, no calcite.		
200	230				Same Ls and red-brown mudstone-Ls combinations and descriptions but a return to minor FeOx stained calcite.		
230					Hit fracture (?), lost all circulation and cuttings.		

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August 8, 1983

ANALYTICAL REPORT

LAB I.D.	CLIENT I.D.	FIRE ASSAY - AA	FIRE ASSAY
		Au (ppm)	Ag (oz/ton)
001-MA992	34-3-0-10	0.06	<.1
002-MA992	34-3-10-20	0.10	<.1
003-MA992	34-3-20-30	0.06	<.1
004-MA992	34-3-30-40	0.02	<.1
005-MA992	34-3-40-50	0.04	<.1
006-MA992	34-3-50-60	0.04	<.1
007-MA992	34-3-60-70	0.08	<.1
008-MA992	34-3-70-80	<.01	<.1
009-MA992	34-3-80-90	<.01	<.1
010-MA992	34-3-90-100	<.01	<.1
011-MA992	34-3-100-110	0.02	<.1
012-MA992	34-3-110-120	0.01	<.1
013-MA992	34-3-120-130	0.02	<.1
014-MA992	34-3-130-140	0.02	<.1
015-MA992	34-3-140-150	<.01	<.1
016-MA992	34-3-150-160	<.01	<.1
017-MA992	34-3-160-170	<.01	<.1
018-MA992	34-3-170-180	<.01	<.1
019-MA992	34-3-180-190	0.02	<.1
020-MA992	34-3-190-200	0.02	<.1
021-MA992	34-3-200-210	<.01	<.1
022-MA992	34-3-210-220	0.02	<.1
023-MA992	34-3-220-230	0.02	<.1

ROTARY DRILL LOG

Hole No 34-4
Page 1 of 1

'EL ¼, FNL ¼, Sec. 34, T 20S, R 23E.

ubject: Zebra | Logged By: R. Renn | Hole No. 34-4 | Ave.Grade Au. _____

ounty: Cochise | Type Drill: _____ | Date Started: _____ | Collar Elev: _____

tate: Arizona | Hole size: _____ | Date Completed: _____ | Bearing: _____

_____ | Contractor: _____ | Total Depth: _____ | Inclination: _____

rom eet	To Feet	Assays G/T Au	Assays G/T Ag	Sym hol	Geologic Description and Remarks	As	Sb
0	10				Dark gray to gray Ls, fresh with calcite development along fractures, calcite has some FeOx staining, 50% calcareous, red-brown mudstone, all in a red-brown dust.		
10	150				Dark gray to gray Ls, fresh with calcite that has FeOx staining, 10%-20% calcareous mudstone.		
150	170				Increase in amount of FeOx stained calcite to a couple of %, Ls is the same.		
170	190				Same as interval 10'-150'.		
190	200				Calcite with good FeOx picks up again to 1%-2%, Ls and mudstone the same.		
200	220				Ls as previously described and 10%-20% red-brown mudstone or sub Ls, minor FeOx stained calcite.		
220	250				Dark gray Ls with calcite, very little FeOx staining, some calcite is white with no FeOx, red-brown mudstone; sub Ls is only ≈ 5%.		

attached

LAB I.D.	CLIENT I.D.	FIRE ASSAY - AA	FIRE ASSAY
		Au (ppm)	Ag (oz/ton)
024-MA992	34-4-0-10	0.02	<.1
025-MA992	34-4-10-20	<.01	<.1
026-MA992	34-4-20-30	0.02	<.1
027-MA-992	34-4-30-40	<.01	<.1
028-MA992	34-4-40-50	0.04	<.1
029-MA992	34-4-50-60	0.02	<.1
030-MA992	34-4-60-70	0.04	<.1
031-MA992	34-4-70-80	<.01	<.1
032-MA992	34-4-80-90	0.02	<.1
033-MA992	34-4-90-100	0.10	<.1
034-MA992	34-4-100-110	0.02	<.1
035-MA992	34-4-110-120	<.01	<.1
036-MA992	34-4-120-130	<.01	<.1
037-MA992	34-4-130-140	<.01	<.1
038-MA992	34-4-140-150	<.01	<.1
039-MA992	34-4-150-160	<.01	<.1
040-MA992	34-4-160-170	0.02	<.1
041-MA992	34-4-170-180	<.01	<.1
042-MA992	34-4-180-190	<.01	<.1
043-MA992	34-4-190-200	0.02	<.1
044-MA992	34-4-200-210	<.01	<.1
045-MA992	34-4-210-220	<.01	<.1
046-MA992	34-4-220-230	0.02	<.1
047-MA992	34-4-230-240	0.04	<.1

LAB I.D.	CLIENT I.D.	FIRE ASSAY - AA	FIRE ASSAY
		Au (ppm)	Ag (oz/ton)
048-MA992	34-4-240-250	0.04	<.1
049-MA992	34-5-0-10	0.02	0.1
050-MA992	34-5-10-20	<.01	0.1
051-MA992	34-5-20-30	<.01	<.1
052-MA992	34-5-30-40	0.02	<.1
053-MA992	34-5-40-50	<.01	<.1
054-MA992	34-5-50-60	<.01	<.1
055-MA992	34-5-60-70	<.01	<.1
056-MA992	34-5-70-80	<.01	<.1
057-MA992	34-5-80-90	0.02	<.1
058-MA992	34-5-90-100	0.02	<.1
059-MA992	34-5-100-110	0.12	<.1
060-MA992	34-5-110-120	0.32	<.1
061-MA992	34-5-120-130	<.01	<.1
062-MA992	34-5-130-140	<.01	<.1
063-MA992	34-5-140-150	<.01	<.1
064-MA992	34-5-150-160	<.01	<.1
065-MA992	34-5-160-170	<.01	<.1
066-MA992	34-5-170-180	<.01	<.1
067-MA992	34-5-180-190	<.01	<.1
068-MA992	34-5-190-200	<.01	<.1
069-MA992	34-5-200-210	<.01	<.1
070-MA992	34-5-210-220	<.01	<.1
071-MA992	34-5-220-230	<.01	0.1

ROTARY DRILL LOG

Hole 34-5
Page 1 of 1

FEL ½, FNL ½, Sec. 34, T 20S, R 23E.

Subject: Zebra | Logged By: R. Renn | Hole No. 34-5 | Ave. Grade Au.

County: Cochise | Type Drill: | Date Started: | Collar Elev:

State: Arizona | Hole size: | Date Completed: | Bearing:

Contractor: | Total Depth: | Inclination:

From Feet	To Feet	Assays G/T Au	Assays G/T Ag	Symbol	Geologic Description and Remarks	As	Sb
0	20	see attached			Fresh, gray Ls with red-brown argillite (calcareous)		
20	110				Ls, dark gray to grayish rust, very minor calcite and FeOx indications.		
110	120				50% Ls, gray, fresh, 50% red-brown mudstone, no noticeable calcite.		
120	210				Gray Ls, very minor FeOx stained calcite, 10-20% red-brown mudstone; sub Ls.		
210	220				Increase in red-brown mudstone; Ls to 50%		
220	260				Same as 120'-210' interval.		
260	270				60%-70% reddish-brown shale mudstone, 30% fresh gray Ls, some calcite.		
270	280				Decrease to 50% red-brown mudstone.		
280	300				Further decrease to 30% of mudstone, Ls is still as previously described.		

T60000

LAB I.D.	CLIENT I.D.	FIRE ASSAY - AA	FIRE ASSAY
		Au (ppm)	Ag (oz/ton)
048-MA992	34-4-240-250	0.04	<.1
049-MA992	34-5-0-10	0.02	0.1
050-MA992	34-5-10-20	<.01	0.1
051-MA992	34-5-20-30	<.01	<.1
052-MA992	34-5-30-40	0.02	<.1
053-MA992	34-5-40-50	<.01	<.1
054-MA992	34-5-50-60	<.01	<.1
055-MA992	34-5-60-70	<.01	<.1
056-MA992	34-5-70-80	<.01	<.1
057-MA992	34-5-80-90	0.02	<.1
058-MA992	34-5-90-100	0.02	<.1
059-MA992	34-5-100-110	0.12	<.1
060-MA992	34-5-110-120	0.32	<.1
061-MA992	34-5-120-130	<.01	<.1
062-MA992	34-5-130-140	<.01	<.1
063-MA992	34-5-140-150	<.01	<.1
064-MA992	34-5-150-160	<.01	<.1
065-MA992	34-5-160-170	<.01	<.1
066-MA992	34-5-170-180	<.01	<.1
067-MA992	34-5-180-190	<.01	<.1
068-MA992	34-5-190-200	<.01	<.1
069-MA992	34-5-200-210	<.01	<.1
070-MA992	34-5-210-220	<.01	<.1
071-MA992	34-5-220-230	<.01	0.1

LAB I.D.	CLIENT I.D.	FIRE ASSAY - AA	FIRE ASSAY
		Au (ppm)	Ag (oz/ton)
072-MA992	34-5-230-240	0.02	<.1
073-MA992	34-5-240-250	<.01	<.1
074-MA992	34-5-250-260	<.01	<.1
075-MA992	34-5-260-270	<.01	<.1
076-MA992	34-5-270-280	<.01	<.1
077-MA992	34-5-280-290	<.01	<.1
078-MA992	34-5-290-300	<.01	<.1
079-MA992	34-6-0-10	<.01	<.1
080-MA992	34-6-10-20	<.01	<.1
081-MA992	34-6-20-30	<.01	<.1
082-MA992	34-6-30-40	<.01	<.1
083-MA992	34-6-40-50	0.02	<.1
084-MA992	34-6-50-60	<.01	<.1
085-MA992	34-6-60-70	<.01	<.1
086-MA992	34-6-70-80	<.01	<.1
087-MA992	34-6-80-90	0.02	<.1
088-MA992	34-6-90-100	0.02	<.1
089-MA992	34-6-100-110	0.02	<.1
090-MA992	34-6-110-120	<.01	<.1
091-MA992	34-6-120-130	<.01	<.1
092-MA992	34-6-130-140	<.01	<.1
093-MA992	34-6-140-150	<.01	<.1
094-MA992	34-6-150-160	<.01	<.1
095-MA992	34-6-160-170	<.01	<.1

ROTARY DRILL LOG

Hole No. 34-6
Page 1

'EL ¼, FNL ¼, Sec. 34, T 20S, R 23E.

ubject: Zebra
ounty: Cochise
tate: Arizona

Logged By: R. Renn
Type Drill:
Hole size:
Contractor:

Hole No. 34-6
Date Started:
Date Completed:
Total Depth:

Ave.Grade Au.
Collar Elev:
Bearing:
Inclination:

rom eet	To Feet	Assays G/T Au	Assays G/T Ag	Sym hol	Geologic Description and Remarks	As	Sb
0	10				Dark gray Ls., fresh with minor Fe staining, along with 30% reddish brown calcareous mudstone, also FeOx staining calcite.		
10	30				Dark gray Ls. with FeOx stained calcite on fracture surfaces, almost no reddish brown mudstone.		
30	50				Increase to 30% again red-brown calcareous mudstone.		
50	70				Increase to 45% of red-brown mudstone, gray Ls. has less calcite.		
70	120				10-20% red-brown mudstone, Ls is still dark gray with minor FeOx. Stained calcite fracture surfaces.		
120	140				Increase to 50% red-brown mudstone; still very effervesent.		
140	190				Dark gray, fresh Ls with very minor FeOx stained calcite, 10% red-brown mudstone.		
190	200				Increase to 50% of red-brown, calcareous mudstone.		
200	230				Ls as previously described, ≤10% red-brown, calcareous mudstone.		
230	-				Lost circulation and cuttings.		

see attached

860000

LAB I.D.	CLIENT I.D.	FIRE ASSAY - AA	FIRE ASSAY
		Au (ppm)	Ag (oz/ton)
072-MA992	34-5-230-240	0.02	<.1
073-MA992	34-5-240-250	<.01	<.1
074-MA992	34-5-250-260	<.01	<.1
075-MA992	34-5-260-270	<.01	<.1
076-MA992	34-5-270-280	<.01	<.1
077-MA992	34-5-280-290	<.01	<.1
078-MA992	34-5-290-300	<.01	<.1
079-MA992	34-6-0-10	<.01	<.1
080-MA992	34-6-10-20	<.01	<.1
081-MA992	34-6-20-30	<.01	<.1
082-MA992	34-6-30-40	<.01	<.1
083-MA992	34-6-40-50	0.02	<.1
084-MA992	34-6-50-60	<.01	<.1
085-MA992	34-6-60-70	<.01	<.1
086-MA992	34-6-70-80	<.01	<.1
087-MA992	34-6-80-90	0.02	<.1
088-MA992	34-6-90-100	0.02	<.1
089-MA992	34-6-100-110	0.02	<.1
090-MA992	34-6-110-120	<.01	<.1
091-MA992	34-6-120-130	<.01	<.1
092-MA992	34-6-130-140	<.01	<.1
093-MA992	34-6-140-150	<.01	<.1
094-MA992	34-6-150-160	<.01	<.1
095-MA992	34-6-160-170	<.01	<.1

LAB I.D.	CLIENT I.D.	FIRE ASSAY - AA	FIRE ASSAY
		Au (ppm)	Ag (oz/ton)
096-MA992	34-6-170-180	<.01	<.1
097-MA992	34-6-180-190	<.01	<.1
098-MA992	34-6-190-200	0.02	<.1
099-MA992	34-6-200-210	<.01	<.1
100-MA992	34-6-210-220	<.01	<.1
101-MA992	34-6-220-230	<.01	<.1

ROTARY DRILL LOG

FEL ____ ¼, FNL ____ ¼, Sec. 34, T 20S, R 23E.

Subject:	Zebra	Logged By:	R. Renn	Hole No.	34-7	Ave.Grade Au.	
County:	Cochise	Type Drill:		Date Started:		Collar Elev:	
State:	Arizona	Hole size:		Date Completed:		Bearing:	
		Contractor:		Total Depth:		Inclination:	

From Feet	To Feet	Assays G/T Au	Assays G/T Ag	Symbol	Geologic Description and Remarks	As	Sb
0	20				Medium gray Ls, mostly alluvial.		
20	70				Medium gray Ls with minor FeOx stained calcite.		
70	80	see attached			80% red-brown mudstone - Ls with 20% gray Ls and minor FeOx stained calcite.		
80	90				Same as 70'-80' but decrease to 40% red-brown mudstone.		
90	110				Medium-dark gray Ls, 15-20% red-brown mudstone-Ls, very minor calcite.		
110	170				Medium gray to grayish brown Ls, very minor, occassional calcite.		
170	190				10% red-brown mudstone-Ls, rest is same gray Ls, some good size pieces (2-4 mm) of FeOx stained calcite.		
190	200				Medium gray Ls, minor calcite and FeOx staining.		
200	220				Same as 190'-200' interval but Ls is a little darker gray.		
220	240				Medium gray Ls, very minor white calcite.		
240	280				Medium gray Ls, with some FeOx stained calcite.		
280	300				Medium gray Ls, 10% red-brown mudstone-Ls with gray Ls having very minor FeOx stains and also some free orange (FeOx stains) calcite.		

LAB I.D.	CLIENT I.D.	FIRE ASSAY - AA Au (ppm)	FIRE ASSAY Ag (oz/ton)
048-MA995	34-2 170-180	<.01	<.1
049-MA995	34-2 180-190	<.01	<.1
050-MA995	34-2 190-200	<.01	<.1
051-MA995	34-2 200-210	<.01	0.1
052-MA995	34-2 210-220	<.01	<.1
053-MA995	34-2 220-230	<.01	<.1
054-MA995	34-2 230-240	<.01	0.2
055-MA995	34-2 240-250	<.01	<.1
056-MA995	34-2 250-260	0.04	<.1
057-MA995	34-2 260-270	<.01	<.1
058-MA995	34-2 270-280	<.01	<.1
059-MA995	34-2 280-290	<.01	0.1
060-MA995	34-2 290-300	<.01	<.1
061-MA995	34-7 0-10	<.01	<.1
062-MA995	34-7 10-20	0.04	0.1
063-MA995	34-7 20-30	<.01	<.1
064-MA995	34-7 30-40	<.01	<.1
065-MA995	34-7 40-50	<.01	<.1
066-MA995	34-7 50-60	<.01	<.1
067-MA995	34-7 60-70	<.01	<.1
068-MA995	34-7 70-80	<.01	<.1
069-MA995	34-7 80-90	<.01	0.1
070-MA995	34-7 90-100	<.01	<.1
071-MA995	34-7 100-110	0.02	<.1

LAB I.D.	CLIENT I.D.	FIRE ASSAY - AA Au (ppm)	FIRE ASSAY Ag (oz/ton)
072-MA995	34-7 110-120	<.01	0.1
073-MA995	34-7 120-130	<.01	0.1
074-MA995	34-7 130-140	<.01	0.1
075-MA995	34-7 140-150	<.01	0.1
076-MA995	34-7 150-160	<.01	<.1
077-MA995	34-7 160-170	<.01	<.1
078-MA995	34-7 170-180	<.01	0.1
079-MA995	34-7 180-190	<.01	<.1
080-MA995	34-7 190-200	0.06	<.1
081-MA995	34-7 200-210	<.01	0.1
082-MA995	34-7 210-220	<.01	<.1
083-MA995	34-7 220-230	<.01	<.1
084-MA995	34-7 230-240	<.01	0.1
085-MA995	34-7 240-250	<.01	<.1
086-MA995	34-7 250-260	<.01	<.1
087-MA995	34-7 260-270	<.01	0.1
088-MA995	34-7 270-280	<.01	<.1
089-MA995	34-7 280-290	<.01	<.1
090-MA995	34-7 290-300	<.01	<.1

HOLE No. 89-1
PROPERTY Zebra
LOCATION T 30S R 23E S 28
ENL 3050 FEL 3650
LATITUDE
LONGITUDE

DIAMOND DRILL RECORD

COLLAR ELEVATION 4700'
SURVEYED COLLAR ELEVATION
AZIMUTH / TRUE BEARING
INCLINATION Vertical
CORE SIZE

DDH NO. 89-1
SHEET 1 of 3
DATE STARTED 1/17/89
DATE COMPLETED 1/17/89
FINAL DEPTH 140'
DRILLED BY Drill
LOGGED BY

DEPTH IN FEET	Au	Ag	DESCRIPTION			REMARKS SAMPLES, ETC.
0-5			tan lime rich dust, also small chips of tannish grey ± ls			
5-10			tan-grey ± ls, med ca vns + micro vns, veins are generally white with minor Feox in them 1/2", micro's are clear, ls has small specks of orange hem in it, minor amount to moderate			
10-15			same as 5-10 but small amount of hem in some of clear ± ca microvns			
15-20			same as 5-10 but no small specks of hem in ls			
20-25			tan-grey-green ls ±, with minor hem along fracs, clear ca microvns minor reddish brown ls that has no vns			
25-30			tannish red ls, slightly silty, also tan-grey ls with clear qtz microvns + minor asso Feox's			
30-35			tannish grey ls, with white ca vns with mic Feox, minor clear ca microvns			
35-40		oxide zone	powder is pinkish, rock is red, slightly silty, ls with clear ca microvns, rock is orangish red			
40-45			minor red ls - but generally back in the tan-grey ls with minor clear ca microvns, very minor Feox			
45-50			tan grey ls with white + clear microvns + vns - minor to locally mod - some hem asso with white ca vns			
50-55		oxide zone	at ~ 54' a color change in powder have ls of 45-50 but also red ls with white ca vns 1-2 mm, ls has minor silt content			
55-60			good oxide red clast at 60', have pink to red ls with minor hem microvns minor silt content minor to locally mod black specs of hem, also white chomb ca crystals in red rocks			
60-65			Still in red silty ls, no change here, no Feox + fracs			

DIAMOND DRILL RECORD

HOLE No. 89-1
PROPERTY Zebra
LOCATION T R S
ENL FEL
LATITUDE
LONGITUDE

COLLAR ELEVATION
SURVEYED COLLAR ELEVATION
AZIMUTH/TRUE BEARING
INCLINATION
CORE SIZE

DDH NO. 89-1
SHEET 2 of 3
DATE STARTED
DATE COMPLETED
FINAL DEPTH
DRILLED BY
LOGGED BY

DEPTH IN FEET	Au	Ag	DESCRIPTION			REMARKS SAMPLES, ETC.
65-70		sts	tan calc siltstone, NO microvning visible - no Feox			
70-75		↓	tannish grey calc siltstone - minor Feox as hem in sts, also some orange chips that have abund lim in sts, overall abund lim + minor hem in sts			
75-80		↓	tan silty ls with clear & ca vns + microvns with minor lim blobs in them, dendritic black hem on some faces, open sp ca vns, lim on points of crystals, overall minor Feox, local mod vning			
80-85			back in tan-grey-brown ls, minor clear ca microvns, very minor Feox along some fracs			
85-90		sts with lim + ca	white to light grey silty ls, slightly argillic, especially where lim occurs in vns, also pinkish sts - good stuff			
90-95		↓	Same as above, lim asso with large ca blowout, argillic near ca blowout, large chunks of ca with mod to abund Feox, also tan-grey ls with ca microvning			
95-100			tan grey x ls with clear ca microvns + chunks of white ca, minor red hem along fracs, vning is mod.			
100-105		jasp?	still alot of ca flooding, course ca x, have mod hem in some chips, others are pure white ca, rock is tan to red jasp, ~~also~~ this appears minor - most is tan grey x ls only one chip was s:			
105-110			tan-grey x ls, very minor Feox (hem) along fracs + in microvns, very minor microvns -			
110-115			Same as above - dull looking rock			
115-120			~~[illegible]~~ tan grey x ls, minor white + clear ca vns + microvns, extremely minor orange Feox along fracs			
120-125			tan grey x ls with abund white ca vns, mod red hem asso with ca minor lim,			
125-130			ls has some fossils here, more hem, precursive [illegible] ls, more clear ca ~~[illegible]~~ microvns, minor bluish hem blotches			

0001114

DIAMOND DRILL RECORD

HOLE No. 89-1
PROPERTY
LOCATION T R S
ENL FEL
LATITUDE
LONGITUDE

COLLAR ELEVATION
SURVEYED COLLAR ELEVATION
AZIMUTH / TRUE BEARING
INCLINATION
CORE SIZE

DDH NO. 89-1
SHEET 3 of 3
DATE STARTED 1/17/89
DATE COMPLETED 1/17/89
FINAL DEPTH 149'
DRILLED BY
LOGGED BY

DEPTH IN FEET	Au	Ag	DESCRIPTION			REMARKS SAMPLES, ETC.
130-135			pinkish grey ls, foss, also as lense 125-130, clear + white ca minor			
135-140			fossiliferous grey-tan ls, minor tem assoc with white ca vns, uns minor			
140-145						
145-150						
150-155						
155-160						

000115

IRON KING ASSAY INC.

07-Feb

LAB JOB #: MSC03637

Client name: Tempo Resources
2470-609 Granville St.
Billing address: Vancouver, B.C. Canada V7Y1G5

No. Samples: 67
Date Received: 01-20-89
Submitted by: M. Barrac

Phone number: 298-8235

INVOICE ATTACHED

ANALYTICAL REPORT

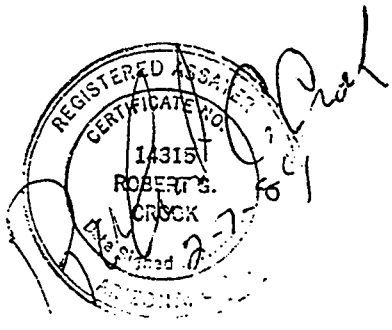
.003

Client ID MSC03637	Lab ID	FA/AA Au ppm
89-1-5	3637- 1	0.08
89-1-10	3637- 2	0.11
89-1-15	3637- 3	0.10
89-1-20	3637- 4	0.28
89-1-25	3637- 5	3.36
89-1-30	3637- 6	0.06
89-1-35	3637- 7	0.03
89-1-40	3637- 8	0.16
89-1-45	3637- 9	0.02
89-1-50	3637- 10	0.03
89-1-55	3637- 11	0.02
89-1-60	3637- 12	0.04
89-1-65	3637- 13	0.17
89-1-70	3637- 14	0.02
89-1-75	3637- 15	0.07
89-1-80	3637- 16	0.02
89-1-85	3637- 17	0.02

REGISTERED ASSAYER CERTIFICATE NO. 14315 ROBERT G. CROOK Duly Signed ARIZONA, U.S.A.

00011

Client ID	Lab ID	FA/AA Au ppm
L 03637		
89-1-90	3637- 18	0.08
89-1-95	3637- 19	0.19
89-1-100	3637- 20	0.17
89-1-105	3637- 21	0.03
89-1-110	3637- 22	0.03
89-1-115	3637- 23	0.02
89-1-120	3637- 24	0.03
89-1-125	3637- 25	0.03
89-1-130	3637- 26	0.08
89-1-135	3637- 27	0.06
89-1-140	3637- 28	0.37
8 2-5	3637- 29	0.04
8 2-10	3637- 30	0.04
89-2-15	3637- 31	0.03
89-2-20	3637- 32	0.20
89-2-25	3637- 33	0.03
89-2-30	3637- 34	0.02
89-2-35	3637- 35	0.02
89-2-40	3637- 36	0.04
89-2-45	3637- 37	2.83
89-2-50	3637- 38	0.02
89-2-55	3637- 39	0.03
89-2-60	3637- 40	0.02
89-2-65	3637- 41	0.02
8 2-70	3637- 42	0.07
89-2-75	3637- 43	0.02



DIAMOND DRILL RECORD

HOLE No. 89-2
PROPERTY Zebra
LOCATION T 20S R 23E S 25
ENL 3060 FEL ~~3705~~ 3525
LATITUDE
LONGITUDE

COLLAR ELEVATION 4710'
SURVEYED COLLAR ELEVATION
AZIMUTH / TRUE BEARING
INCLINATION Vertical
CORE SIZE

DDH NO. 89-2
SHEET 1 of 2
DATE STARTED 1/16/89
DATE COMPLETED 1/17/89
FINAL DEPTH 200'
DRILLED BY Drilling Service
LOGGED BY M. Barrett

DEPTH IN FEET	Au	Ag	DESCRIPTION			REMARKS SAMPLES, ETC.
0-5			med brown silty ls also tannish grey x ls minor cc microvns with asso. lim, microvns are clear to tannish yellow, minor hem blebs in ls			
5-10			pinkish veil ls, clear cc microvns, clear cc laths in ls, powder is still tan even if chips are red, not an alteration, microvns are minor			
10-15			tannish grey x ls, white cc vn 1/4", also minor cc microvns, also have pinkish ls described in 5-10			
15-20			greyish tan x ls with clear + white cc vns + microvns, local med lim in cc vns - overall minor vning, minor Fl ox, minor hem in some of x ls			
20-25			tannish grey x ls, white cc vns with small hem along edge of vn, also clear cc microvns - some have hem, vning is minor, so is Flox			
25-30			Same as 20-25			
30-35			tannish grey x ls with very minor white cc vns, very barren rock			
35-40			Same as 30-35			
40-45			tannish grey x ls - no vning present			
45-50			tannish grey x ls - minor local flox in xs, minor white + clear cc blebs + vns			
50-55			tan-grey x ls - no microvns or Flox			
55-60			Same as 50-55			
60-65			tan-grey x ls - minor microvns of cc, ~~some~~ some with hem most microvns are clear			

0001121

DIAMOND DRILL RECORD

HOLE No. 89-2
PROPERTY Zebra
LOCATION T 20S R 23E S 28
ENL FEL
LATITUDE
LONGITUDE

COLLAR ELEVATION
SURVEYED COLLAR ELEVATION
AZIMUTH / TRUE BEARING
INCLINATION
CORE SIZE

DDH NO. 89-2
SHEET 1 of
DATE STARTED 7/16/89
DATE COMPLETED
FINAL DEPTH
DRILLED BY
LOGGED BY

DEPTH IN FEET	Au	Ag	DESCRIPTION			REMARKS SAMPLES, ETC.
65-70			lt tannish grey x ls with slight pinkish cast, hairline clear ca microvns also pink angular zoned ls			
70-75			lt grey and tannish grey x ls, chunks of clear + white si			
75-80			tannish grey x ls with minor clear ca microvns, very minor hem on frac surfaces			
80-85			tannish grey x ls with local areas of ca blow out with asso Feox in ca, minor clear ca microvns			
85-90			tannish grey x ls with minor clear microvns of ca no Feox			
90-95			SKIP - No sample for 85'-90' - sample was 10' sample 85'-95'			
95-100			same as 90-95			
100-105			tannish white silty ls + ls like 90-95			
105-110			same as 90-95, a bit very minor hem dispersed in ls			
110-115			tan-grey x ls, very boring, no Feox, minor clear ca vn + microvns			
115-120			same as 110-115 but minor hem along + in some of clear ca microvns some lacy clear ca x			
120-125			tan-grey x ls, has very minor hem ~~stn~~ coloring to st, minor hem along some of the fracs otherwise very clean			
125-130			same as 110-115, minor white to cream ca with very minor hem			

000122

HOLE No. 89-2
PROPERTY
LOCATION T 8 S
ENL FEL
LATITUDE
LONGITUDE

DIAMOND DRILL RECORD

COLLAR ELEVATION
SURVEYED COLLAR ELEVATION
AZIMUTH / TRUE BEARING
INCLINATION
CORE SIZE

DDH NO. 89-2
SHEET 1 of
DATE STARTED 1/16/89
DATE COMPLETED 1/17/89
FINAL DEPTH 200'
DRILLED BY
LOGGED BY

DEPTH IN FEET	Au	Ag	DESCRIPTION			REMARKS SAMPLES, ETC.
130-135			same as 125-130			
135-140			same as above but with red x ls			
140-145			same as 125 130			
145-150			"			
150-155			"			
155-160			tan silty ls, no min vns, minor hem specs throut			
160-165			tan-grey x lst + tan silty ls, same as above			
165-170			tan grey x ls with syngenetic py cubes that have altered to limy clay ca vns + minor microvns, also silty, tan ls, fossiliferous			
170-175			same as 165-170			
175-180			dk spanish grey foss. ls, minor clear ca vns, minor boxwk hem on fract surfaces			
180-185			dk grey-green ls, minor fossils, minor fine oxd along fracs			
185-190			dk grey green x ls, no Fe ox, very minor Ca microvns clear			
190-195			same as 185-190 but minor Fe ox along some fracs hem			
195-200			tannish grey x ls with very minor hem specs + minor hem in along some fracs			

000123

HOLE No. 89-2

PROPERTY

LOCATION T R S

ENL FEL

LATITUDE

LONGITUDE

DIAMOND DRILL RECORD

COLLAR ELEVATION

SURVEYED COLLAR ELEVATION

AZIMUTH/TRUE BEARING

INCLINATION

CORE SIZE

DDH NO. 89-2

SHEET 1 of

DATE STARTED 1/16/89

DATE COMPLETED 1/17/89

FINAL DEPTH 200'

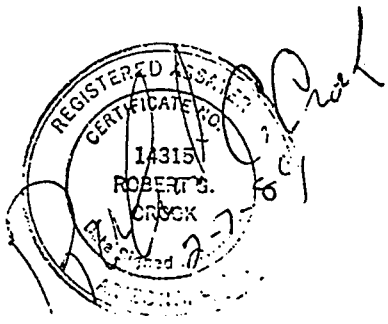
DRILLED BY

LOGGED BY

DEPTH IN FEET	Au	Ag	DESCRIPTION			REMARKS SAMPLES, ETC.
130-135			Same as 125-130			
135-140			same as above but with red x ls			
140-145			Same as 125 130			
145-150			"			
150-155			"			
155-160			tan silty ls, no minor vns, minor hem specs throut			
160-165			tan-grey x ls + tan sitly ls, same as above			
165-170			tan grey x ls with syngenetic py cubes that have altered to lim, clear ca vns + minor micro vns, also silty tan ls, fossiliferous			
170-175			Same as 165-170			
175-180			dk greenish grey foss. ls, minor clear ca vns, minor local hem on frac surfaces			
180-185			dk grey-green ls, minor fossils, minor FeOx along fracs			
185-190			dk grey green x ls, no FeOx, very minor Ca microvns clear			
190-195			Same as 185-190 but minor FeOx hem along some fracs			
195-200			Tannish grey x ls with very minor hem specs + minor hem lim along some fracs			

0001124

Client ID M')3637	Lab ID	FA/AA Au ppm
89-1-90	3637- 18	0.08
89-1-95	3637- 19	0.19
89-1-100	3637- 20	0.17
89-1-105	3637- 21	0.03
89-1-110	3637- 22	0.03
89-1-115	3637- 23	0.02
89-1-120	3637- 24	0.03
89-1-125	3637- 25	0.03
89-1-130	3637- 26	0.08
89-1-135	3637- 27	0.06
89-1-140	3637- 28	0.37
8 2-5	3637- 29	0.04
89-2-10	3637- 30	0.04
89-2-15	3637- 31	0.03
89-2-20	3637- 32	0.20
89-2-25	3637- 33	0.03
89-2-30	3637- 34	0.02
89-2-35	3637- 35	0.02
89-2-40	3637- 36	0.04
89-2-45	3637- 37	2.83
89-2-50	3637- 38	0.02
89-2-55	3637- 39	0.03
89-2-60	3637- 40	0.02
89-2-65	3637- 41	0.02
8 -70	3637- 42	0.07
89-2-75	3637- 43	0.02



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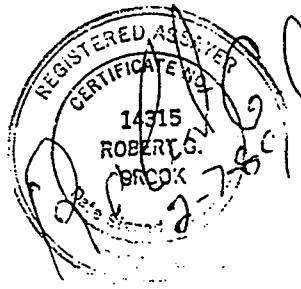
Client ID	Lab ID	FA/AA Au ppm
03637		
89-2-80	3637- 44	0.01
89-2-85	3637- 45	0.01
89-2-95	3637- 46	0.10
89-2-100	3637- 47	0.02
89-2-105	3637- 48	0.01
89-2-110	3637- 49	0.02
89-2-115	3637- 50	0.02
89-2-120	3637- 51	0.02
89-2-125	3637- 52	0.02
89-2-130	3637- 53	0.02
89-2-135	3637- 54	0.04
89-2-140	3637- 55	0.03
89-2-145	3637- 56	0.02
89-2-150	3637- 57	0.02
89-2-155	3637- 58	0.06
89-2-160	3637- 59	0.01
89-2-165	3637- 60	0.04
89-2-170	3637- 61	0.02
89-2-175	3637- 62	0.14
89-2-180	3637- 63	0.04
89-2-185	3637- 64	0.02
89-2-190	3637- 65	0.02
89-2-195	3637- 66	0.08
89-2-200	3637- 67	0.03



DIAMOND DRILL RECORD

HOLE No. 89-3
PROPERTY Zebra
LOCATION T 21S R 23E S 28
ENL 2910 FEL 3790
LATITUDE
LONGITUDE

COLLAR ELEVATION 4685'
SURVEYED COLLAR ELEVATION
AZIMUTH / TRUE BEARING
INCLINATION vertical
CORE SIZE

DDH NO. 89-3
SHEET 1 of 2
DATE STARTED 1/16/89
DATE COMPLETED 1/16/89
FINAL DEPTH 100'
DRILLED BY Drilling Services
LOGGED BY M. Barraco

DEPTH IN FEET	Au	Ag	DESCRIPTION			REMARKS SAMPLES, ETC.
0-5			lt tan powder, calcareous - chips of med. grey ls			
5-10			med grey crystalline ls, ca vns with local hem halos, also lt grey x ls, also pink ls with clear rhombs of ca, white ca vns up to 1/2"			
10-15			some dk grey to med grey x ls with white ca vns, local med red-org hem along fx surfaces,			
15-20			lt to med grey x ls with white + clear ca vns < 1/4", minor hem along fx surfaces, also tan silty ls, small fossils in some chips, minor lim along ca vns			
20-25			tannish grey x ls, minor hem along fxs, ~~no veining visible in chips~~ very minor ca veining in chips, some have lim halo			
25-30			med grey ls with med crackled-med hem halos along clear ca microvns also have white ca vns with no halos, 1-2 mm, mod amt of clear ca microvning			
30-35			tannish grey x ls, coarse white ca vns 3-4 mm with clear ca crystals in center of vn, lim microvns, not more veining + microvning here, mod Fe ox overall			
35-40			med grey ls, minor hem along ca vns, vns up to 1/4", abd of ca microvns, clear + white			
40-45			med grey x ls with clear + white ca vns + microvns, vns 1-2 mm minor lim along microvns some tan silty ls with hem microvns, minor hem along fxs			
45-50			med grey-tan ls, x, with clear + hem vns + microvns, ca vns + microvns with Fe ox holes, minor Fe ox overall, fractured in rock here			
50-55			med grey-tan x ls, small clear ca microvns, ± hem blotches in ls up to 1/4"			
55-60			med grey x ls, some of tannish, clear ca vns + veinlets, some with lim halos ls bleached yellow ~~not~~ around some ca vns			
60-65			lt grey x ls, clear ca vns with bleached halos, 1mm, 2 periods of clear ca ~~veining~~ microvning, very minor hem here			

DIAMOND DRILL RECORD

HOLE No. 89-3
PROPERTY Zebra
LOCATION T 20S R 23E S 28
ENL FEL
LATITUDE
LONGITUDE

COLLAR ELEVATION
SURVEYED COLLAR ELEVATION
AZIMUTH / TRUE BEARING
INCLINATION
CORE SIZE

DDH NO. 89-3
SHEET 2 of 2
DATE STARTED
DATE COMPLETED
FINAL DEPTH
DRILLED BY
LOGGED BY

DEPTH IN FEET	Au	Ag	DESCRIPTION			REMARKS SAMPLES, ETC.
65-70		oxidized zone	darker grey ls with abund hem throut, also lim after py?, not si but has lots of ca vns + microvns	ore horizon		
70-75		↓	powder is red now, same as 65-70, more lim here, chips very small	↓		
75-80			back into med grey x ls, minor hem + minor lim along white ca vns, out of ore horizon			
80-85			med grey ls, local orange ca vns with hem in them, some chips of yellow orange crystal ca, clot of vns + microvns of ca, local hem in limestone			
85-90			med grey x ls, clean ca microvns, "clean", very minor FeOx ore chips of granular ls with mod hem in matrix			
90-95			med grey x ls, also pinkish grey ls with mod FeOx - but most of sample is clean x ls, minor vns + microvns			
95-100			clean med grey x ls, very minor orange lim along fracs, white ca vns + microvns			

000130

IRON KING ASSAY INC.

LAB JOB #: MSC03638

Client name: Tempo Resources
Billing address: 2470-609 Granville St.
Vancouver, B.C. Canada V7Y1G5

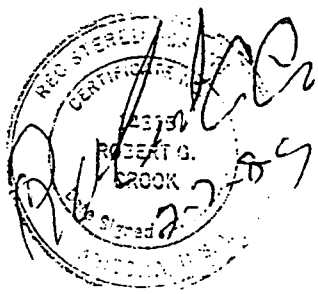
Phone number: 298-8235

No. Samples:
Date Received: O
Submitted by: M

INVOICE ATTACHED

ANALYTICAL REPORT

Client ID MSC03638	Lab ID	FA/AA Au ppm
89-3-5	3638- 1	0.04
89-3-10	3638- 2	0.03
89-3-15	3638- 3	0.02
89-3-20	3638- 4	0.03
89-3-25	3638- 5	0.05
89-3-30	3638- 6	0.06
89-3-35	3638- 7	0.02
89-3-40	3638- 8	0.03
89-3-45	3638- 9	0.04
89-3-50	3638- 10	0.03
89-3-55	3638- 11	0.01
89-3-60	3638- 12	0.02
89-3-65	3638- 13	<.01
89-3-70	3638- 14	<.01
89-3-75	3638- 15	0.01
89-3-80	3638- 16	<.01
89-3-85	3638- 17	<.01



Client ID	Lab ID	FA/AA Au ppm
1. 03638		
89-3-90	3638- 18	0.02
89-3-95	3638- 19	0.02
89-3-100	3638- 20	0.01
89-4-5	3638- 21	0.04
89-4-10	3638- 22	0.01
89-4-15	3638- 23	0.03
89-4-20	3638- 24	0.01
89-4-25	3638- 25	0.04
89-4-30	3638- 26	0.02
89-4-35	3638- 27	0.02
89-4-40	3638- 28	0.02
89-4-45	3638- 29	0.02
89-4-50	3638- 30	0.09
89-4-55	3638- 31	0.37
89-4-60	3638- 32	0.01
89-4-65	3638- 33	0.04
89-4-70	3638- 34	0.02
89-4-75	3638- 35	0.01
89-4-80	3638- 36	0.01
89-4-85	3638- 37	0.01
89-4-90	3638- 38	0.01
89-4-95	3638- 39	0.02
89-4-100	3638- 40	0.01
89-4-105	3638- 41	0.02
89-4-110	3638- 42	0.10
89-4-115	3638- 43	0.03

ex

REGISTERED ASSAYER CERTIFICATE NO. 4315 ROBERT G. CROOK

00

DIAMOND DRILL RECORD

DDH NO. 89-4

SHEET 1 of 2

HOLE No. 89-4
PROPERTY Zebra
LOCATION T 30S R 23E S 28
ENL 3145 FEL 3645
LATITUDE
LONGITUDE

COLLAR ELEVATION 4690'
SURVEYED COLLAR ELEVATION
AZIMUTH / TRUE BEARING
INCLINATION vertical
CORE SIZE

DATE STARTED 1/16/89
DATE COMPLETED 1/16/89
FINAL DEPTH 120'
DRILLED BY Drilling Services
LOGGED BY M. Barraco

DEPTH IN FEET	Au	Ag	DESCRIPTION			REMARKS SAMPLES, ETC.
0-5			lt tannish grey X ls, fossiliferous, minor hem + lim in ls, minor white calcite,			
5-10			pinkish tan ls, hem in ls some chips are quite pink, also have tan-grey X ls, have clear ca vns + blebs with orange lith mixed, also yellowish tan ls			
10-15			tannish grey X ls, clear ca microvns, mod hem in the limestone locally some chips are brownish red, hem along fracs also, microvns are minor to mod in amount some have hem halo			
15-20			same as 10-15 - more hem along fracs in some chips, chips are tannish grey with red spidery inlets, microvns of ca minor			
20-25		Oxide zone; fault?	getting into an oxide zone, some brick red chips of X ls, ca vns + microvns abund, ca is clear + white, vns up to 1/4", also have tannish grey X ls			
25-30			powder is tannish red color, have tan silty ls + bright brick red ls, also lt grey sugary ls - good oxidation here - abund hem			
30-35			in heart of oxide zone, majority of chips are lt brick red color, rock is si partially, has several episodes of microvning, hem in microvns, tan ls almost looks like a fine ss, sugary texture also minor chips of lt grey, ls, hem along fracs			
35-40			still in partially si oxide zone same as 30-35 except all chips are oxidized, have ~~black~~ black dendritic ~~hem~~ on fracs, good looking stuff hem			
40-45			starting to get out of oxide zone, still have pinkish red partially si ls, has dozen kel hem blebs in it, also have tannish grey X ls that has a slight pink casts to it minor ca microvns, are large 1/8" white to orangish ca vn coarse, has dendritic black hem on vn wall			
45-50			tannish grey ls with slight pink cast, has clear ca microvns + also bright red hem microvns - spidery, also just chips of tan grey X ls - still a little in the oxide zone			
50-55			tannish grey ls, X, has minor pink tint, mod amount of hem microvns same as 45-50			
55-60			tannish pinkish grey ls, has abund ca vns + microvns - clear + white, has locally med orange + red microvns, also have grey-tan X ls, fossiliferous in	places		
60-65			grey-tan X ls with locally abund bright red hem along fracs + in micro vns also orange microvns, large coarse grained white ca with lim on it, hem fizzes	vns		

0001351

DIAMOND DRILL RECORD

AAK NO. 89-4

SHEET 2 of 2

HOLE No. 89-4
PROPERTY Zebra
LOCATION T 20S R 23E S 26
ENL FEL
LATITUDE
LONGITUDE

COLLAR ELEVATION
SURVEYED COLLAR ELEVATION
AZIMUTH / TRUE BEARING
INCLINATION
CORE SIZE

DATE STARTED
DATE COMPLETED
FINAL DEPTH
DRILLED BY
LOGGED BY

DEPTH IN FEET	Au	Ag	DESCRIPTION			REMARKS SAMPLES, ETC.
65-70			med grey X ls - no minovns, also tan-grey X ls with white ca vns + minor dense r red Feox asso with white ca			
70-75			tannish grey X ls, very minor red hem on frac surfaces, rock is pretty clean here - not altered very much at all			
75-80			small chips of tan-grey X ls, minor ca minovns, clear + white, very minor Feox			
80-85			ls from above with locally abund ca vns + minovns with asso hematite not all vns + minovns have Feox, overall minor Feox			
85-90			same as 80-85 but a slight bit more Feox asso with white ca vns			
90-95			same as 85-90			
95-100			tan grey X ls with good ca vns + minovns with mod Feox asso with them, small chips of totally oxidized bright red slightly si ls			
100-105			tan grey fossiliferous ls with slight pink tint, hem specks throughout ls, clear ca vns minor			
105-110			same as 100-105 but more hem specks here - syngenetic?			
110-115			dk grey X ls, mod to minor ca minovns, + vns - minor Feox asso with them,			
115-120			dk tannish grey X ls with ca vns + minovns locally moderately some lim + hem asso with ca vns, overall Feox is minor			

000136

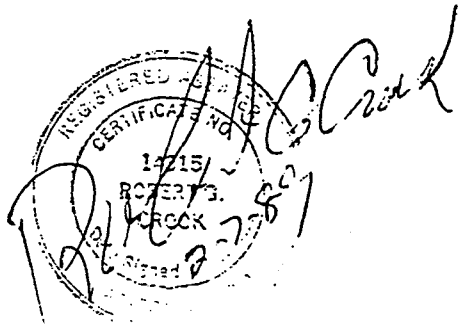
IRON KING ASSAY INC

Client ID M)3638	Lab ID	FA/AA Au ppm
89-3-90	3638- 18	0.02
89-3-95	3638- 19	0.02
89-3-100	3638- 20	0.01
89-4-5	3638- 21	0.04
89-4-10	3638- 22	0.01
89-4-15	3638- 23	0.03
89-4-20	3638- 24	0.01
89-4-25	3638- 25	0.04
89-4-30	3638- 26	0.02
89-4-35	3638- 27	0.02
89-4-40	3638- 28	0.02
ε 4-45	3638- 29	0.02
89-4-50	3638- 30	0.09
89-4-55	3638- 31	0.37
89-4-60	3638- 32	0.01
89-4-65	3638- 33	0.04
89-4-70	3638- 34	0.02
89-4-75	3638- 35	0.01
89-4-80	3638- 36	0.01
89-4-85	3638- 37	0.01
89-4-90	3638- 38	0.01
89-4-95	3638- 39	0.02
89-4-100	3638- 40	0.01
89-4-105	3638- 41	0.02
8 4-110	3638- 42	0.10
89-4-115	3638- 43	0.03

ex

REGISTERED ASSAYER
CERTIFICATE NO.
4315
ROBERT G.
CROOK

Client ID M. 03638	Lab ID	FA/AA Au ppm	
89-4-120	3638- 44	0.27	
89-6-5	3638- 45	0.05	
89-6-10	3638- 46	0.11	
89-6-15	3638- 47	0.10	
89-6-20	3638- 48	0.02	
89-6-25	3638- 49	0.06	
89-6-30	3638- 50	0.49	.014
89-6-35	3638- 51	0.02	
89-6-40	3638- 52	0.01	
89-6-45	3638- 53	0.04	
89-6-50	3638- 54	0.02	
89-6-55	3638- 55	0.02	
89-6-60	3638- 56	0.01	
89-6-65	3638- 57	0.02	
89-6-70	3638- 58	0.01	
89-6-75	3638- 59	0.02	
89-6-80	3638- 60	0.01	
89-6-85	3638- 61	0.03	
89-6-90	3638- 62	0.02	
89-6-95	3638- 63	0.01	
89-6-100	3638- 64	0.01	
89-6-105	3638- 65	0.01	
89-6-110	3638- 66	0.01	



HOLE No. 89-5
PROPERTY Zebra
LOCATION T 20 S R 33E S 28
ENL 3530' FEL 500'
LATITUDE
LONGITUDE

DIAMOND DRILL RECORD

COLLAR ELEVATION 4740'
SURVEYED COLLAR ELEVATION
AZIMUTH / TRUE BEARING
INCLINATION Vertical
CORE SIZE

DDH NO. 89-5
SHEET 1 of
DATE STARTED 1/17/89
DATE COMPLETED 1/18/89
FINAL DEPTH 340'
DRILLED BY Drilling Services
LOGGED BY M. Barrack

DEPTH IN FEET	Au	Ag	DESCRIPTION			REMARKS SAMPLES, ETC.
0-5			lt grey jasp, med grey jasp - no minerals or vns visible whatsoever			
5-10			pinkish tan ls, has minor ca minerals, white clay, tan-grey x ls with ca vns + minerals mineral, no Feox			
10-15			Still have minor amount of white clay, lt grey calc sts + white calc sts with clay along fxts, also tan-grey x l ls, has minor silt content			
15-20			greyish green silty ls, very minor hem along frac surfaces, no visible veins			
20-25			greenish grey siltstone, very fine grained, has ca vns + crystals on frac faces, minor local hem in sts, sts is calc - could be a silty ls			
25-30			Same as 20-25 but a bit more hem here, no veining			
30-35			grey green silty ls, has minor hem throughout (localized) - hem along fracs, very minor clear ca minerals			
35-40			same but more vns here - MORE pink pervasive Feox, also just green-grey silty ls			
40-45			tannish gr silty ls - doesn't fizz very much, has ca pockets rimmed by orange hem, minor local hem in matrix			
45-50			Same as 40-45, more silty here, very minor Feox			
50-55			grey green sts, has white ca pockets, no minerals, no Feox massive			
55-60			grey green sts, + minor tannish red sts, no other Feox, no minerals			
60-65			lt tan dolomite, no vns, no Feox			

0001140

HOLE No. 89-5

PROPERTY

LOCATION I R S
ENL EEL

LATITUDE

LONGITUDE

DIAMOND DRILL RECORD

COLLAR ELEVATION

SURVEYED COLLAR ELEVATION

AZIMUTH / TRUE BEARING

INCLINATION

CORE SIZE

DDH NO. 89-5

SHEET 1 of

DATE STARTED

DATE COMPLETED

FINAL DEPTH

DRILLED BY

LOGGED BY

DEPTH IN FEET	Au	Ag	DESCRIPTION			REMARKS SAMPLES, ETC.
65-70			lt tannish grey dolomite, no vns, no Feop			
70-75			lt tannish grey silty dolomite, no vns, no Feop			
75-80			same as 70-75			
80-85			tan to slightly pinkish tan ~~dolo~~ siltstone with clear ca minouns			
85-90			same as 80-85, more hem in matrix here, also clear + white Ca vns with hem			
90-95			purplish-grey silty dolomite, some portions have mod Feop to ider rock pinkish-red, minor Feop overall, no vns			
95-100			same as 90-95 more hem here			
100-105			tan-grey ls, x, no minouns, minor hem as matrix frac			
105-110		jasp	same as 100-105 - more hem here silicification! clear center, milk white boundary of si vn, 1-2 mm, si pink jasp, si lt grey jasp			
110-115			pinkish white argillized ls, tannish grey sts, minor ~~to~~ locally mod hem, some white sts has pink specs of ox pyrite?			
115-120			tannish grey calc sts, no vns, no Feop			
120-125			lt tannish grey sts some areas are si to mod grey, minor hem blebby in sts, minor pinky sts with ca minouns, sts is calcareous, minor argillic, white pinky ls			
125-130		jasp	~~Same as above~~ pink powdery white argillic sts → alt'd silty ls, fizzes a little bit, also white si - silicified sts? alot of white clay here, also pink to purple jasp, white jasp, have red-purple influx (like a vn) of si with abund ~~sm~~ small hem blebs after pyr also tan jasp	also gray to orangish red brown jasp	compact, massive sts,	

000141

HOLE No. 89-5

PROPERTY

LOCATION I R S

ENL FEL

LATITUDE

LONGITUDE

DIAMOND DRILL RECORD

COLLAR ELEVATION

SURVEYED COLLAR ELEVATION

AZIMUTH/TRUE BEARING

INCLINATION

CORE SIZE

DDH NO. 89-5

SHEET 1 of

DATE STARTED

DATE COMPLETED

FINAL DEPTH

DRILLED BY

LOGGED BY

DEPTH IN FEET	Au	Ag	DESCRIPTION				REMARKS SAMPLES, ETC.
130-135			lt grey, white + pink calc sts, partially si ? chips very small white si with minor pink tint - no microvns seen				
135-140		jasp	tannish brown si sts with white si vns + microvns minor, also tannish brown siltstone - calc, also pink + white calc sts, jasp is minor				
140-145			minor white clay - red hematitic sts, calc, also grey-tan x ls, minor ca microvns + white calc sts				
145-150		jasp	pink + white banded jasp, mod clay, lt to med grey jasp - no microvns visible				
150-155			tan-grey x ls, minor ca microvns, white, also lt grey calc sts very minor Feox				
155-160			same as 150-155, mostly tan grey x ls lt grey calc sts has mod clay qtz(?) microvns				
160-165		jasp	tannish pink jasp, very minor qtz microvns, also have x ls described above, overall minor Feox				
165-170			tan-grey ls described above				
170-175			tan-grey ls minor white calc sts				
175-180			tan grey ls with white ca vns				
180-185			tan grey x ls no vs				
185-190		jasp	white to light grey jasp, ~~[illegible]~~ minor drz qtz microvns, sugary texture to some jasp, whole 5' interval is jasp no Feox				
190-195		jasp	same as above, darker grey, chips very small				
195-200		jasp	jasp like above also chips of tan grey x ls				

000142

DIAMOND DRILL RECORD

HOLE No. 89-5
PROPERTY
LOCATION I R S
ENL FEL
LATITUDE
LONGITUDE

COLLAR ELEVATION
SURVEYED COLLAR ELEVATION
AZIMUTH / TRUE BEARING
INCLINATION
CORE SIZE

DDH NO. 89-5
SHEET 1 of
DATE STARTED 1/17/89
DATE COMPLETED 1/18/89
FINAL DEPTH
DRILLED BY
LOGGED BY

Clay is due to bentonite

DEPTH IN FEET	Au	Ag	DESCRIPTION			REMARKS SAMPLES, ETC.
200-205		jasp	white to med. grey jasp, massive, clear open spaced qtz crystals, also tan/ish grey ls with clear ca microvns with very minor hem			
205-210			v/c of jasp with tan grey x ls, locally mod clear ca microvns with mod amt of assoc. hem			
210-215			same as 205-210, less hem here, also white ls with white to clear/pink calcite vns - minor, vaing in tan grey ls is less also			
215-220			lt grey/tan grey green silty ls + x ls, minor ca microvns, clear, minor ca vns that are white + have x, minor hm + hem assoc with some ca vns, very minor amt of silty	bnt to hem	silty hem with clear ca mica	
220-225		jasp	white to light grey jasp with minor white qtz microvns, also mod grey x ls, no vns or microvns visible, no Feoxs, jasp is minor			
225-230			tan-grey x ls, minor silt content, clear ca microvns minor, no Feoxs			
230-235			tan grey x ls, minor white ca vns + clear ca microvns			
235-240			Same as 230-235			
240-245			Same as 230-235, but minor amt of reddish pink hem in ls matrix of some chips			
245-250			Same as 240-245, slightly more hem			
250-255		oxide zone	pink powder at 250', same ls as 245-250 but some chips are reddish brown ls, mod to locally abund hem			
255-260			out of oxide zone, back in rock like 240-245, very minor hem			
260-265			grey green x ls, has locally mod amt of hem veinlets, other chips have no Feoxs, minor clear ca microvns			

000143

HOLE No. 89-5

PROPERTY

LOCATION T R S

ENL FEL

LATITUDE

LONGITUDE

DIAMOND DRILL RECORD

COLLAR ELEVATION

SURVEYED COLLAR ELEVATION

AZIMUTH/TRUE BEARING

INCLINATION

CORE SIZE

DDH NO. 89-5

SHEET 1 of

DATE STARTED 1/17/89

DATE COMPLETED 1/18/89

FINAL DEPTH

DRILLED BY

LOGGED BY

DEPTH IN FEET	Au	Ag	DESCRIPTION			REMARKS SAMPLES, ETC.
265-270		small oxide zone	tan grey x ls, some of chips have minor to mod hem in ls matrix no vnlts visible			
270-275			tan-grey x ls, minor clear-white ca microvns, no Feox			
275-280			same as 270-275, very minor hem in one chip - matrix			
280-285		oxide	tan + red silty ls, minor clear ca microvns oxide zone			
285-290			good brick red sts, slightly calcareous, has clear ca microvns minor amount,			
290-295			same red sts, sugary texture, abund tiny red hem specs in sts, no microvns visible			
295-300		good oxide	zone keeps getting redder, have brick red sts also lt grey sts with hem+lim on fracs, also orange sts - looks like the grey to white sts has been inducted with oxidizing fluids to turn it red + orange			good looking stuff!
300-305		jasp	and silicified sts? brick red + med grey, striped in locations abund hem, white si with clear ca microvns in it, also hem, also open sp Qtz microvns, sugary texture			
305-310		jasp	same as 300-305 but have reintroduction of x ls; silty has abund hem in it in places, no vns			
310-315		jasp	same, x ls + jasp, red + med. grey, sugary texture, not so many microvns here			
315-320		jasp	good jasp, tan to med brown + pink, good open space qtz vns, locally heavy hem in jasp, also have tan grey x ls, 2-3 mm, open sp X in vns jasp is heavy minor to locally mod hem, also have 2nd si sts, sugary tex with clear ca vns			
320-325			back in grey-tan x ls, minor hem on frac surfaces, minor white ca vns that have hem and/or lim pods in center, minor amts of vning			
325-330			same as 320-325, less Feox, only have very minor amt of hem on fracs			

000144

HOLE No. 89-5

PROPERTY

LOCATION T R S

ENL FEL

LATITUDE

LONGITUDE

DIAMOND DRILL RECORD

COLLAR ELEVATION

SURVEYED COLLAR ELEVATION

AZIMUTH/TRUE BEARING

INCLINATION

CORE SIZE

DDH NO. 89-5

SHEET 1 of

DATE STARTED 1/17/89

DATE COMPLETED 1/18/89

FINAL DEPTH 340'

DRILLED BY

LOGGED BY

DEPTH IN FEET	Au	Ag	DESCRIPTION			REMARKS SAMPLES, ETC.
330-335			grey-tan x ls, no vns, no fcox, very "clean", unaltered			
335-340			same as 330-335, pristine x ls			

IRON KING ASSAY INC.

LAB JOB #: MSC03639

Client name: Tempo Resources

Billing address: 2470-609 Granville St.
Vancouver, B.C. Canada V7Y1G5

Phone number: 298-8235

No. Samples:
Date Received: 01-2(
Submitted by: M. Ba

PAID

ANALYTICAL REPORT

Client ID MSC03639	Lab ID	FA/AA Au ppm
89-5-5	3639- 1	0.10
89-5-10	3639- 2	0.16
89-5-15	3639- 3	0.08
89-5-20	3639- 4	0.03
89-5-25	3639- 5	0.02
89-5-30	3639- 6	0.01
89-5-35	3639- 7	0.02
89-5-40	3639- 8	0.05
89-5-45	3639- 9	<.01
89-5-50	3639- 10	<.01
89-5-55	3639- 11	0.02
89-5-60	3639- 12	0.02
89-5-65	3639- 13	0.01
89-5-70	3639- 14	0.02
89-5-75	3639- 15	<.01
89-5-80	3639- 16	0.01
89-5-85	3639- 17	0.01

Robert C Cook
2-24-89

0

Client ID M 03639	Lab ID	FA/AA Au ppm
89-5-90	3639- 18	0.01
89-5-95	3639- 19	0.01
89-5-100	3639- 20	0.02
89-5-105	3639- 21	<.01
89-5-110	3639- 22	0.09
89-5-115	3639- 23	0.04
89-5-120	3639- 24	0.05
89-5-125	3639- 25	0.04
89-5-130	3639- 26	0.04
89-5-135	3639- 27	0.04
89-5-140	3639- 28	<.01
89-5-145	3639- 29	0.03
89 -150	3639- 30	0.03
89-5-155	3639- 31	0.03
89-5-160	3639- 32	0.04
89-5-165	3639- 33	<.01
89-5-170	3639- 34	<.01
89-5-175	3639- 35	0.01
89-5-180	3639- 36	<.01
89-5-185	3639- 37	0.01
89-5-190	3639- 38	0.04
89-5-195	3639- 39	0.15
89-5-200	3639- 40	0.06
89-5-205	3639- 41	0.04
89 5-210	3639- 42	0.05
89 -215	3639- 43	0.03

Robert G Cook 2-7-89

MS	Client ID 3639	Lab ID	FA/AA Au ppm
	89-5-220	3639- 44	0.05
	89-5-225	3639- 45	0.13
	89-5-230	3639- 46	0.04
	89-5-235	3639- 47	0.01
	89-5-240	3639- 48	0.01
	89-5-245	3639- 49	0.02
	89-5-250	3639- 50	0.02
	89-5-255	3639- 51	0.01
	89-5-260	3639- 52	0.01
	89-5-265	3639- 53	0.02
	89-5-270	3639- 54	0.02
	89-5-275	3639- 55	0.01
	89- -280	3639- 56	0.01
	89-5-285	3639- 57	0.01
	89-5-290	3639- 58	<.01
	89-5-295	3639- 59	0.02
	89-5-300	3639- 60	0.05
	89-5-305	3639- 61	0.05
	89-5-310	3639- 62	0.06
	89-5-315	3639- 63	0.24
	89-5-320	3639- 64	0.02
	89-5-325	3639- 65	0.05
	89-5-330	3639- 66	0.03
	89-5-335	3639- 67	0.01
	89 -340	3639- 68	0.17

Richard G Cash
3-21-89

0

DAH NO. 89-6

SHEET 1 of

DIAMOND DRILL RECORD

HOLE No. 89-6

PROPERTY Zebra

LOCATION T 20S R 23E S 34

ENL 2850 FEL 5110

LATITUDE

LONGITUDE

COLLAR ELEVATION 4640'

SURVEYED COLLAR ELEVATION

AZIMUTH/TRUE BEARING

INCLINATION vertical

CORE SIZE

DATE STARTED 1/18/89

DATE COMPLETED 1/18/89

FINAL DEPTH 111'

DRILLED BY Drilling Services

LOGGED BY M. Barraco

DEPTH IN FEET	Au	Ag	DESCRIPTION			REMARKS SAMPLES, ETC.
0-5			light tan to grey x ls, also pink to tan jasp, jasp has mod amt of white ~~to~~ clear ca vns			
5-10			same with some dk grey + dk red jasp			
10-15			med grey ls, also lt grey calc sts, no Feox, no vns			
~~15-20~~			~~tan siltst sts calc matrix, also lt grey x ls, matrix of siltstone is tannish red, has small silt grains in it~~			
15-20			good lt grey ~~jasp~~ limestone with Feox vning, Feox ~~as~~ asso with ca vns, good lim + hem vns + microvns			
20-25			good lim + hem vns in tan-grey x ls, ~~[illegible]~~ lim hem 2-3mm also lt tan ls with white ca vns			
25-30			same as 20-25 still good lim vning			
30-35			lt pink ls, also ls like 20-25, minor to mod Feox			
35-40			tan-grey ls with abund Feox (lim + hem vns) also clear ca vns ls is lt tan to lt grey ca is white + pink, vns + fracs			
40-45			lt tan, pink, tannish grey ls with abund Feox in fracs, vns microvns + in ls itself, best veining I've seen so far, little bit of bx,	small ls clasts,	rounded in	red calc sandy matrix
45-50			lt tannish grey x ls with clear + white qtz vn, however ls is not si, Feox + vning dropped down to minor locally mod			
50-55			lt tan with a slight pink tint x ls, mod Feox in ls, ls is fossil, very minor Feox microvns clear minor ca microvns, clear			
55-60			tan-grey x ls, ~~no Feox~~ very minor Feox on frac surfaces minor clear ca. microvns			

000150

HOLE No. 89-6		DIAMOND DRILL RECORD		DDH NO. 89-6
				SHEET 1 of
PROPERTY		COLLAR ELEVATION		DATE STARTED 1/18
LOCATION	T R S	SURVEYED COLLAR ELEVATION		DATE COMPLETED 1/18
	FNL FEL	AZIMUTH/TRUE BEARING		FINAL DEPTH 111'
LATITUDE		INCLINATION		DRILLED BY
LONGITUDE		CORE SIZE		LOGGED BY

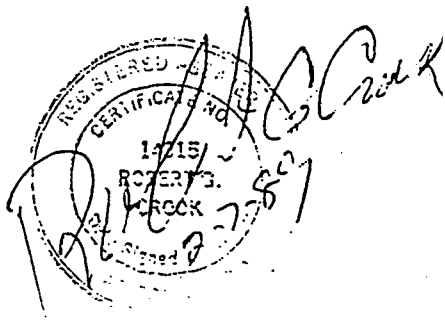
DEPTH IN FEET	Au	Ag	DESCRIPTION			REMARKS SAMPLES, ETC.
60-65		|	tannish grey ls slightly silty, mod clear ca microvns, minor hem along vns in the ls itself			
65-70			same as 60-65			
70-75			same as 60-65 but a bit more lim + hem here, also some areas of ls that has been si, has pale red hem halo,			
75-80			tannish grey x ls with mod amt of clear + white ca vns + microvns 3 episodes of vns, locally mod hem also with some of ca vns – on inside of vn also along ledges of vns			
80-85			lt tannish grey ls with lim microvns, minor amt, also white ca pods + vns overall FeOx very minor			
85-90			same tan grey x ls with white ca vds, orange lim vns + clear qtz? microvns, ~~[illegible]~~ – si – ca lim – 3 vning episodes also some whitish-tan silty ls with black + dk red blotches of hem			
90-95			tannish grey x ls, clear qtz microvns minor + tannish amber partially si ls with clear qtz microvn minor, si is minor, minor hem + lim in jasp			
95-100			tannish grey x ls with very minor hem along fracs, minor clear + white ca vns 1-2 mm			
100-105			tannish grey x ls, minor cream to white color ca vns, 2 mm no FeOx			
105-110			Same as 100-105 T.D. 111'			
110-115						
115-120						
120-125						

000151

IRON KING ASSAY INC

MS-3638

Client ID	Lab ID	FA/AA Au ppm
89-4-120	3638- 44	0.27
89-6-5	3638- 45	0.05
89-6-10	3638- 46	0.11
89-6-15	3638- 47	0.10
89-6-20	3638- 48	0.02
89-6-25	3638- 49	0.06
89-6-30	3638- 50	0.49 .014
89-6-35	3638- 51	0.02
89-6-40	3638- 52	0.01
89-6-45	3638- 53	0.04
89-6-50	3638- 54	0.02
89 -55	3638- 55	0.02
89-6-60	3638- 56	0.01
89-6-65	3638- 57	0.02
89-6-70	3638- 58	0.01
89-6-75	3638- 59	0.02
89-6-80	3638- 60	0.01
89-6-85	3638- 61	0.03
89-6-90	3638- 62	0.02
89-6-95	3638- 63	0.01
89-6-100	3638- 64	0.01
89-6-105	3638- 65	0.01
89-6-110	3638- 66	0.01



HOLE No. 89-7
PROPERTY Zebra
LOCATION T 20S R 23E S 34
ENL 2750 FEL 4900
LATITUDE
LONGITUDE

DIAMOND DRILL RECORD

COLLAR ELEVATION 4640'
SURVEYED COLLAR ELEVATION
AZIMUTH / TRUE BEARING
INCLINATION Vertical
CORE SIZE

DDH NO. 89-7
SHEET 1 of
DATE STARTED 1/19/89
DATE COMPLETED 1/19/89
FINAL DEPTH 300'
DRILLED BY Drilling Services
LOGGED BY M. Baccaro

DEPTH IN FEET	Au	Ag	DESCRIPTION			REMARKS SAMPLES, ETC.
0-5			medium grey x ls, caliche, brownish tan soil, calcareous			
5-10			dk tan grey x ls, + tan-grey x ls, minor bx along vns, have ca rich matrix, tan color, + ls angular frags, also tannish red sts, ls has clear ca microvns + minor hem specs in it			
10-15			tan grey x ls, minor hem along fracs, minor Feox overall, minor lim along fracs + in microvns, minor clear ca microvns			
15-20			tan-grey x ls, mod lim vns 1mm, minor clear ca microvns overall minor Feox			
20-25			tan grey x ls, minor to mod. hem specs + flakes in ls, also lt grey to pink sts, minor white ca vns with lim halos, + selvages,			
25-30			same as above with some patches silty ls with mod hem throughout also a lt tan grey x ls with clear microvns of ca + white vns of ca with orange mod lim in them			
30-35			tan-grey x ls, light tan silty ls locally mod. hem assoc with ca vns + fracs., also white to clear ca vns with lim selvages, vns 2-3 mm			
35-40			lt tan-grey x ls with minor lim microvns, also tan grey x ls white calc sts + chips of clear to white si with abund hem + qtz x (very small) + brecc recr calc sts			
40-45			lt tannish grey slightly calc sts very minor lim in sts			
45-50		Oxide	pink pasty, chips are tannish orange calc sts			
50-55		↓	Same as above - more white ca flooding evident here			
55-60			tannish grey silty ls, minor hem throughout, locally mod hem, black dendrites of hem, minor clear ca vns with hem selvages			
60-65		Oxide	good tannish red sts + lt tan sts, minor white ca vns 4-5mm have asso hem in them			

HOLE No. 89-7

PROPERTY

LOCATION T R S

FNL FEL

LATITUDE

LONGITUDE

DIAMOND DRILL RECORD

COLLAR ELEVATION

SURVEYED COLLAR ELEVATION

AZIMUTH/TRUE BEARING

INCLINATION

CORE SIZE

DDH NO. 89-7

SHEET 1 of

DATE STARTED

DATE COMPLETED

FINAL DEPTH

DRILLED BY

LOGGED BY

DEPTH IN FEET	Au	Ag	DESCRIPTION			REMARKS SAMPLES, ETC.
65-70			med tan siltstone, no calc, minor hem along frac surfaces			
70-75			tan grey x ls + tan ~~[illegible]~~ dolomite, minor hem + asso ca microus in ls			
75-80			tannish pink silty ls, hem along fracs, + in ls, mod amt of hem white ca rhombs on fracs, also some med grey si pods, 1/2", next to white ca pod 1/4"			
80-85			tan to red-tan siltstone with abund ca microus + vns, mod hem asso with the veins, black - red hem in vns			
85-90		oxide	tan to pinkish sts with abund hem after py (?) blebs + mod ca microus (clean) ~~mod hem~~ hem is not dispersed - its in discreet blebs -	syngentic?		
90-95			tannish green to pinkish silty ls, abund fracs with hem, also hem in matrix, ~~[illegible]~~ mny white ca pod <1/2" ls has mottled appearance			
95-100			white calc sts, very minor hem along fracs, no vns			
100-105			tan grey x ls with mod clean ca microus, locally minor hem to locally abund hem - gives chips a pink color, minor hem blebs, after py?	abund hem along some fracs,		hem halos on clear cavs
105-110			lt grey to tan x ls, mod hem asso with white ca ~~[illegible]~~ pockets, + minor hem in ls matrix, vns are scarce here			
110-115			tannish grey x ls, minor clean cavs with asso hem, minor FeOx overall			
115-120			lt tannish white silty ls, minor hem + hem blebs after py, locally abund hem along fracs, saw first ox (black) py cube corner, silty ls had syngenetic	py which ox and leaves		hem halos as large spheres
120-125			tan to tannish pink calc sts, locally mod to abund FeOx, along ~~mod~~ microus + fracs, ox above frac, small hem specs in sts some sts	has very minor hem		
125-130			burnt orange ls, has mod amt of hem micro vns, mod clean ca microus, also grey tan x ls no vns			

0001155

HOLE No. 89-7

PROPERTY

LOCATION T R S

FNL FEL

LATITUDE

LONGITUDE

DIAMOND DRILL RECORD

COLLAR ELEVATION

SURVEYED COLLAR ELEVATION

AZIMUTH/TRUE BEARING

INCLINATION

CORE SIZE

DDH NO. 89-7

SHEET 1 of

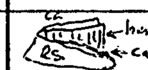
DATE STARTED

DATE COMPLETED

FINAL DEPTH

DRILLED BY

LOGGED BY

DEPTH IN FEET	Au	Ag	DESCRIPTION			REMARKS SAMPLES, ETC.
130-135			tan-grey X ls. with locally mod hem + lim microvns, clear ca X fill voids, also white ca vns with minor lim.			
135-140		jasp	lt tan jasp, no microvns, massive, also ls from above, has lim vns 1-2 mm, + white ca vns 2-4 mm, also clear ca, jasp appears to be minor			
140-145			tan grey X ls with white to clear ca vn with brecc. red hem in center also orange, clear ca microvns, large lim vn 2 mm, ca vning moderate hem			also abd of insct X ls
145-150			X tan grey ls, minor clear ca microvns + minor Feox			
150-155			Same as 145-150, very minor Feox			
155-160			same as 150-155			
160-165			Same as 150-155 - large 3/4" clear ca vn with minor limonite in it			
165-170			tannish green ls with locally abund hem microvns, white + clear ca microvns + vns, large chip (1") of ca x with abund lim, overall mod Feox, ca flooding			
170-175			one 1/2" chip of white si, from qtz vn ?, tan grey ls with clear ca microvns, rarely epidote of clear + lim ca microvns, minor hem along fracs			
175-180			tan-grey to pinkish, X ls, white to clear ca vns 2-3 mm with minor o.x. limonite, hem along fracs, + disc in matrix, minor ca microvns			
180-185			Same as 175-180, also tan-grey ls with no vns + minor Feox			
185-190			pinkish tan x ls, minor ca microvns + vn, some with mod lim; minor hem in matrix + along microvns + fracs			
190-195			Same as 185-190			
195-200			Same as 185-190			

000156

89-7

DIAMOND DRILL RECORD

D.D.H. NO. 89-7

SHEET ____ of ____

DEPTH IN FEET	LITHOLOGY	DESCRIPTION	DEPTH	CORE ANGLE	REMARKS, SAMPLES ETC.
200-205		tan grey x ls, very minor hem + lim along fracs, very minor vns			
210		Same as 200-205			
215		Same as 200-205			
220		tan grey x ls, local good microvns of hem, also larger vns of white ca with minor hem + ca void fillings			
225		tan grey xls with minor clean ca microvns, also red ls with clean ca microvns cut by later lim stained ca microvns			
230		tannish silty ls, minor white ca vns, very minor Feox			
235		same as 225-230 but has minor hem along fracs + microvns also tan-grey x ls, clean, minor Feox blebs			
240		tan grey x ls, minor ca (clean) microvns, minor lim along microvns,			
245		tan grey xls, local area of minor hem in ls, white ca vns 2-3mm with very thin selvage of lim, minor clean ca microvns - no other alt.			
250		Same as above - very clean			
255		same as 245-250			
260		tan grey xls, very minor clean ca microvns, no Feox			
265		tannish grey to slightly pinkish x ls, minor to locally mod hem in ls, no fracs or vns			
270		tannish grey x ls, minor hem along fracs, + locally minor hem in ls itself			
275		tannish pink silty ls, white ca vns + microvns minor, minor hem along fracs and in ls			
280		powder had slight pink tint have same rock as 270-275 have minor Feox microvns, also have mod x ls			
285		Same as 270-275 also have tan grey x ls with white ca vns that have mod lim			

000157

DIAMOND DRILL RECORD

D.D.H. NO. 81-7
SHEET ____ of ____

DEPTH IN FEET	LITHOLOGY	DESCRIPTION	DEPTH	CORE ANGLE	REMARKS, SAMPLES, ETC.
290		tan grey XLS, minor clear [illegible] minerals, very minor [illegible] along frac surfaces			
295		Same as 285-290			
300		~~[illegible]~~ tannish grey XLS minor hem along fracs, very minor [illegible] [illegible] XLS, one chip of white [illegible] with [illegible] [illegible] [illegible] [illegible] very minor clear [illegible] minerals, [illegible] very minor [illegible]			
305					
310					
315					
320					
325					
330					
335					
340					
345					
350					
355					
360					
365					
370					

000158

IRON KING ASSAY INC.

LAB JOB #: MSC03640

Client name: Tempo Resources

Billing address: 2470-609 Granville St.
Vancouver, B.C. Canada V7Y1G5

Phone number: 298-8235

No. Samples:
Date Received: 01-2
Submitted by: M. B

INVOICE ATTACHED

ANALYTICAL REPORT

Client ID MSC03640	Lab ID	FA/AA Au ppm
89-7-5	3640- 1	0.29
89-7-10	3640- 2	0.15
89-7-15	3640- 3	0.03
89 -20	3640- 4	0.03
89-7-25	3640- 5	0.10
89-7-30	3640- 6	0.03
89-7-35	3640- 7	0.14
89-7-40	3640- 8	0.06
89-7-45	3640- 9	0.06
89-7-50	3640- 10	0.01
89-7-55	3640- 11	0.07
89-7-60	3640- 12	0.21
89-7-65	3640- 13	<.01
89-7-70	3640- 14	<.01
89-7-75	3640- 15	0.01
89-7-80	3640- 16	<.01
89-7-85	3640- 17	0.02

Robert Cook 2-21-89

Client ID MS' 3640	Lab ID	FA/AA Au ppm
89-7-90	3640- 18	0.01
89-7-95	3640- 19	0.02
89-7-100	3640- 20	0.21
89-7-105	3640- 21	<.01
89-7-110	3640- 22	0.01
89-7-115	3640- 23	0.03
89-7-120	3640- 24	<.01
89-7-125	3640- 25	<.01
89-7-130	3640- 26	0.01
89-7-135	3640- 27	0.02
89-7-140	3640- 28	0.02
89-7-145	3640- 29	0.03
89- 150	3640- 30	0.03
89-7-155	3640- 31	0.01
89-7-160	3640- 32	0.01
89-7-165	3640- 33	0.01
89-7-170	3640- 34	0.01
89-7-175	3640- 35	0.02
89-7-180	3640- 36	0.02
89-7-185	3640- 37	0.01
89-7-190	3640- 38	0.01
89-7-195	3640- 39	0.01
89-7-200	3640- 40	0.01
89-7-205	3640- 41	0.01
89 -210	3640- 42	0.01
89- -215	3640- 43	0.02

Richard C Cook 2-21-89

Client ID	Lab ID	FA/AA Au ppm
M)3640		
89-7-220	3640- 44	0.02
89-7-225	3640- 45	0.01
89-7-230	3640- 46	<.01
89-7-235	3640- 47	0.01
89-7-240	3640- 48	0.02
89-7-245	3640- 49	0.01
89-7-250	3640- 50	0.01
89-7-255	3640- 51	0.01
89-7-260	3640- 52	0.01
89-7-265	3640- 53	0.02
89-7-270	3640- 54	0.02
89-7-275	3640- 55	0.01
89 -280	3640- 56	<.01
89-7-285	3640- 57	0.01
89-7-290	3640- 58	<.01
89-7-295	3640- 59	0.01
89-7-300	3640- 60	0.01

Robert G Crook
2-21-89

000

90-1

DIAMOND DRILL RECORD 90-2 7/26

D.D.H. NO. 90-2

SHEET ____ of ____

DEPTH IN FEET	LITHOLOGY	DESCRIPTION	DEPTH	CORE ANGLE	REMARKS, SAMPLES, ETC.
~~90-1~~					
0-15	Ls V Minor Jasp	Gray Ls V. Minor Jasp			
15-35	Ls & Jaspnodl	Gray (33%) Red (33%) Fine grain Ls, Jasp (33%) Red/black/Brown			
35-40	Ls & Jasp (10%)	Gray Ls (70%) Red (20%) fine grain Ls, Jasp (10) Red			
40-95	Ls	Dk to med. Gray Ls, Rare Red, Fine Grain			
95-120	Ls	med to dk Gray fine grain Ls Red - 20%			
120-145	Ls	Gray Ls, Rare Red, fine grain	90-1		
145-150	Ls	Gray (90%) Red (10%) Ls fine grain	↓		
90-2		50		90-1	
0-20	Ls	Gray (80%) Red (20%) fine grain Fe_2O_3			
25-40	Ls & Jasp.	Gray (45%) Red (45%) Jasp 10%, fine grained often Hem. FeOx after FeS			
40-55	Ls	Gray (70) Red (30%) fine grained Hematite? FeOx			
55-60	Ls	Gray (90) Red (10) fine grain Minor FeOx			
60-90	Ls	Gray - DK Gray Ls fine grained Rare Red			
90-150	Ls	Gray - DK Gray fine grained Ls, No Red Rare ox only in edge			
		150			

000194

ANALYSIS REPORT

American Assay Laboratories Inc.

REPORT : SP 008186

Sample	Au ppb	Au(R) ppb
1 5	137	
1 10	177	
1 15	12	
1 20	7	
1 25	54	
1 30	118	
1 35	25	
1 40	88	79
1 45	<5	
1 50	<5	<5
1 55	<5	
1 60	10	
1 65	<5	
1 70	<5	
1 75	<5	
1 80	<5	
1 85	<5	<5
1 90	<5	
1 95	<5	
1 100	<5	
1 105	<5	
1 110	<5	
1 115	<5	
1 120	<5	
1 125	<5	<5

000195

Please refer to the cover sheet for further analysis details

ANALYSIS REPORT

American Assay Laboratories Inc.

REPORT : SP 008186

Sample	Au ppb	Au(R) ppb
1 130	<5	
1 135	<5	
1 140	<5	
1 145	<5	
1 150	<5	
0-2 5	3110	3300
5-2 10	4077	4138
10-2 15	11690	12040
15-2 20	3518	3800
20-2 25	14805	14540
25-2 30	9400	9545
30-2 35	6370	6066
35-2 40	2018	2250
40-2 45	1128	1380
2 50	145	
2 55	47	
2 60	26	
2 65	8	
2 70	15	
2 75	27	
2 80	59	
2 85	43	
2 90	89	
2 95	33	
2 100	61	66

0-45 = $\frac{56114}{9}$ = 6,235 ppb = 6.235 ppm = 0.183 opt

best 10-25 = 15' = $\frac{30,013}{3}$ = 10,004 ppb = 10.004 ppm = 0.294 opt

000196

Please refer to the cover sheet for further analysis details.

DDH. NO. [illegible]

DIAMOND DRILL RECORD 90-2 7/26

SHEET ____ of ____

90-1

DEPTH IN FEET	LITHOLOGY	DESCRIPTION	DEPTH	CORE ANGLE	REMARKS, SAMPLES, ETC.
0-5	Ls & Minor Jasp	[illegible] Gray Ls & Minor Jasp			
5-35	Ls & Jasp (10%)	Gray (33%) Red (33%) fine grain Ls, Jasp (33%) Red/black/Brown			
35-40	Ls & Jasp (10%)	Gray Ls (70%) Red (20%) fine grain Ls, Jasp (10) Red.			
40-95	Ls	Dk to med. Gray Ls, Rare Red, fine grain			
95-120	Ls	med to dk Gray fine grain Ls Red - 20%			
120-145	Ls	Gray Ls, Rare Red, fine grain	90-1		
145-150	Ls	Gray (90%) Red (10%) Ls fine grain	↓		
		50		90-1	
90-2					
0-20	Ls	Gray (60%) Red (20%) fine grain Fe_2O_3			
20-40	Ls & Jasp.	Gray (45%) Red (45%) Jasp 10%, fine grained often Hem. FeOx often FeS			
40-55	Ls	Gray (70) Red (30%) fine grained Hematite? FeOx			
55-60	Ls	Gray (90) Red (10) fine grain Minor FeOx			
60-90	Ls	Gray - DK Gray Ls fine grained Rare Red			
90-150	Ls	Gray - DK Gray fine grained Ls, No Red Rare ox on fracture			
		150			

ANALYSIS REPORT

American Assay Laboratories Inc.

REPORT : SP 008186 Page 2 of 8

Sample	Au ppb	Au(R) ppb
1 130	<5	
1 135	<5	
1 140	<5	
1 145	<5	
1 150	<5	
2 5	3110	3300
2 10	4077	4138
2 15	11690	12040
2 20	3518	3800
2 25	14805	14540
2 30	9400	9545
2 35	6370	6066
2 40	2018	2250
2 45	1128	1380
2 50	145	
2 55	47	
2 60	26	
2 65	8	
2 70	15	
2 75	27	
2 80	59	
2 85	43	
2 90	89	
2 95	33	
2 100	61	66

56 116.29 = 5.23 ppm = 0.18 oz

000199

ANALYSIS REPORT

American Assay Laboratories Inc.

REPORT : SP 008186

Sample	Au ppb	Au(R) ppb
2 105	86	
2 110	10	
2 115	<5	
2 120	10	
2 125	12	
2 130	7	
2 135	5	<5
2 140	5	
2 145	<5	
2 150	<5	
3 5	9	11
3 10	12	
3 15	<5	
3 20	<5	
3 25	3067	3232
3 30	1874	1692
3 35	5	
3 40	111	113
3 45	<5	
3 50	15	
3 55	<5	
3 60	<5	
3 65	<5	<5
3 70	<5	
3 75	<5	

000200

Please refer to the cover sheet for further analysis details

DIAMOND DRILL RECORD

90-3 7/28

D.D.H. NO. [illegible]

SHEET ___ of ___

DEPTH IN FEET	LITHOLOGY	DESCRIPTION	DEPTH	CORE ANGLE	REMARKS, SAMPLES, ETC.
0-5	Ls	Ls fine grain gray			
5-20	Red Ls some calcite	Red limestone, some calcite, 10% Gray Ls			
20-25	Lt gray Ls	Lt Gray [illegible]			
25-60	Ls	Med-Dk gray Ls, [illegible]			
65-70	Ls	Gray - Red (25%) Ls fine grained			
70-90	Ls	Gray fine grained Ls			
90-115	Ls Ls Coarser XLine	Gray (95%) - Red (5%) Ls fine grained FeOx Scant stain FeO[illegible]			
115-120	Ls	Gray Ls fine grained little to no FeOX			
120-130	Ls & Jasp	Gray Ls fine grained some XLCaCO3 w/ FeOx / FeL —	5% Dk Red Jasp.		
130-145	Ls w/ Pink-Red CaCO3	Gray Ls fine grain, some XL CaCO3 (<5%) Pink-Red FeOX			
145-150	Ls	Gray Ls fine grain			
		150			

0000202

ANALYSIS REPORT

American Assay Laboratories Inc.

REPORT : SP 008186 Page 3 of 8

Sample	Au ppb	Au(R) ppb
2 105	86	
2 110	10	
2 115	<5	
2 120	10	
2 125	12	
2 130	7	
2 135	5	<5
2 140	5	
2 145	<5	
2 150	<5	
3 5	9	11
3 10	12	
3 15	<5	
3 20	<5	
3 25	3067	3232
3 30	1874	1692
3 35	5	
3 40	111	113
3 45	<5	
3 50	15	
3 55	<5	
3 60	<5	
3 65	<5	<5
3 70	<5	
3 75	<5	

$\frac{4942}{2} = 2470.5$ ppb = 2.4705 ppm = 0.073 opt

000203

ANALYSIS REPORT

American Assay Laboratories Inc.

REPORT : SP 008186 Page 4 of 8

Sample	Au ppb	Au(R) ppb
3 80	<5	
3 85	<5	
3 90	32	
3 95	288	
3 100	160	
3 105	27	
3 110	<5	
3 115	<5	
3 120	<5	
3 125	<5	
3 130	<5	
3 135	<5	
3 140	<5	
3 145	9	
3 150	5	13
4 5	215	204
4 10	12	12
4 15	2078	2229
4 20	776	752
4 25	181	188
4 30	1074	1137
4 35	39	
4 40	142	143
4 45	9	16
4 50	24	

000204

DIAMOND DRILL RECORD 7/27 90-4

D.D.H. NO. [illegible]

SHEET ____ of ____

DEPTH IN FEET	LITHOLOGY	DESCRIPTION	DEPTH	CORE ANGLE	REMARKS, SAMPLES, ETC.
0-5	Ls	fine grain few FeOx after pyrite Gray & dk gray		65°/5	
5-40	Ls	fine grain Red-Gray some dk gray ls, few FeOx / Fe			
40-45	Ls & minor Jasp	fine grain Red-Gray some dk gray, few FeOx with Jasp piece			
45-55	"	fine grain Red-Gray some dk gray ls, few FeOx / Fe			
55-70	Ls & minor Jasp	fine grain Gray-Red Ls, few FeOx, Minor Red Jasp			
70-85	Ls & Jasp	Fine grain Red-Gray ls, 20-30% Jasp Red & Qtz some FeOx after Fe		Some ls dolomite	
85-90	Ls	Ls, Gray fine grained, very minor Red			
90-100	Ls	fine grain Gray - Red some FeOx after FS			
100-115	Ls	Lt Gray - Med Gray fine grain Ls, very little Red			
115-150	Ls	Lt Gray - Med Gray fine grain, v.v. rare Red			

130

000206

ANALYSIS REPORT

American Assay Laboratories Inc.

REPORT : SP 008186 Page 4 of 8

Sample	Au ppb	Au(R) ppb
3 80	<5	
3 85	<5	
3 90	32	
3 95	288	
3 100	160	
3 105	27	
3 110	<5	
3 115	<5	
3 120	<5	
3 125	<5	
3 130	<5	
3 135	<5	
3 140	<5	
3 145	9	
3 150	5	13
4 5	215	204
4 10	12	12
4 15	2078	2229
4 20	776	752
4 25	181	188
4 30	1074	1137
4 35	39	
4 40	142	143
4 45	9	16
4 50	24	

$\frac{4109}{4}$ = 1027 ppb = 1.027 ppm = 0.030 @ 20'

000207

ANALYSIS REPORT

American Assay Laboratories Inc.

REPORT : SP 008186 Page 5 of 8

Sample	Au ppb	Au(R) ppb
4 55	16	
4 60	23	
4 65	23	
4 70	301	
4 75	740	
4 80	560	
4 85	68	
4 90	12	
4 95	12	18
4 100	8	
4 105	12	
4 110	<5	
4 115	<5	<5
4 120	<5	
4 125	<5	
4 130	<5	
4 135	<5	
4 140	<5	
4 145	<5	
4 150	<5	
5 5	28	
5 10	7	17
5 15	701	770
5 20	2077	2054
5 25	447	449

15' @ 65, 70, 75, 80

$\frac{1601}{3} = 533.67$ ppb = 0.53367 ppm = 0.016 opt

000208

Please refer to the cover sheet for further analysis details

DIAMOND DRILL RECORD 9-5 7/29

D.D.H. NO. 9-5

SHEET ____ of ____

DEPTH IN FEET	LITHOLOGY	DESCRIPTION	DEPTH	CORE ANGLE	REMARKS, SAMPLES, ETC.
0-10	Ls	Gray - fine grain ls few % oxidized			
15-20	Ls	Gray (70%) Red 30% fine grained Hemitite			
20-25	Ls & Jasp.	Gray (60) Red 30% fin grained Lemitite FeO_x,			
[redacted]	[redacted]	Jaspon Red-Black Breccia cmt w/ QTZ			
25-30	Ls & Jas,	Gray (30%) Red 30% Jasp 40% Red-BIK FeO_x & Fr	FeS		
30-35	Ls	Gray 60% Red 40% Ls fine grained			
35-40	Ls	Gray w minon Red, fine grn			
40-55	Ls w minon Jas,	Gray (50%) Red (50%) Ls fine grained Hemitite			
55-70	Ls	Gray (95%) Red (5%) Ls fine grained non Hemitite			
70-105	Ls	Gray Ls fine grained traces of Red & Hem			
105-110		Gray Ls (70%) Red (30%) Fine grained, Hem			
110-115		Gray Ls (95%) Red 5% w minon Jasp. Hem			
115-120		DK Gray ls (90%) Red (10%) fine grained Hem			
120-		Gray Ls fine grain little or no Red			
		120			

000210

ANALYSIS REPORT

American Assay Laboratories Inc.

REPORT : SP 008186

Sample	Au ppb	Au(R) ppb
4 55	16	
4 60	23	
4 65	23	
4 70	301	
4 75	740	
4 80	560	
4 85	68	
4 90	12	
4 95	12	18
4 100	8	
4 105	12	
4 110	<5	
4 115	<5	<5
4 120	<5	
4 125	<5	
4 130	<5	
4 135	<5	
4 140	<5	
4 145	<5	
4 150	<5	
5 5	28	
5 10	7	17
5 15	701	770
5 20	2077	2054
5 25	447	449

$\frac{2773}{2} = 1384\,ppb = 1.384\,ppm = 0.041\,opt$

000211

ANALYSIS REPORT

Assay Laboratories Inc.

REPORT : SP 008186

Sample	Au ppb	Au(R) ppb
5 30	508	
5 35	79	69
5 40	168	
5 45	114	
5 50	940	
5 55	39	
5 60	196	221
5 65	8	
5 70	22	
5 75	7	
5 80	<5	<5
5 85	<5	
5 90	<5	
5 95	6	
5 100	<5	
5 105	13	<5
5 110	<5	
5 115	<5	
5 120	<5	
5 125	6	
5 130	<5	
5 135	9	
5 140	<5	
9 5	11	
9 10	<5	

508 = 20-30=10 = 955/2 = 477.5 ppb = 0.4775 ppm = 0.014 opt

10-50=40

5034/8 = 629.25 ppb = 0.629 ppm = 0.0185 opt

940 = 0.0276 opt

000212

Please refer to the cover sheet for further analysis details.

DIAMOND DRILL RECORD 7/30 9-6-

D.D.H. NO. 9-6

SHEET ____ OF ____

DEPTH IN FEET	LITHOLOGY	DESCRIPTION	DEPTH	CORE ANGLE	REMARKS, SAMPLES, ETC.
0-5	Jasp. & Gray Ls	Jaspon 30% Gray ls 70% fine grain.			
5-10	Gray Ls	Gray Ls fine grain (90%) Jasp/Red Ls 10%)			
10-20	Ls	Gray Ls fine grain			
20-25	Ls	Gray Ls (80%) Red Ls 10% Jasp 10% good FeOx			
25-35	Ls	Gray Ls (90%) Red Ls 10% Hem.			
35-50-70	Ls	Gray Ls. fine grain			
75-80	Ls	Gray Ls (60%) Red Ls 40%, Hem + FeOx/FeS			
80-100	Ls	Gray Ls (75%) Red 25% Hem			
100-120	Ls	Gray Ls (100%) fine grained			
		(120)			

000214

ANALYSTS REPORT

American Assay Laboratories Inc.

REPORT : SP 008206

Sample	Au ppb	Au(R) ppb	
6 5	821	777	$\frac{1610}{2}$ = 805 ppb = 0.805 ppm = 0.024 opt
6 10	789	913	
6 15	121	118	
6 20	12	18	
6 25	130	137	
6 30	9	10	
6 35	389	350	- 389 ppb = 0.389 ppm = 0.011 opt
6 40	17		
6 45	7		
6 50	12		
6 55	<5		
6 60	<5		
6 65	<5		
6 70	<5		
6 75	<5	6	
6 80	<5		
6 85	<5		
6 90	<5		
6 95	<5		
6 100	<5		
6 105	<5	<5	
6 110	<5		
6 115	<5		
6 120	<5		
7 5	29		

000215

DIAMOND DRILL RECORD 7/30 9-7

D.D.H. NO. 9-7

SHEET ____ of ____

DEPTH IN FEET	LITHOLOGY	DESCRIPTION	DEPTH	CORE ANGLE	REMARKS, SAMPLES, ETC.
0-5	Ls	Gray, Limestone fine Grain			
5-10	Ls	Gray (50%) Red (50%) Ls fine grain Hematite			
10-15	Ls	Gray (60%) Red (10%) Fine Grain			
15-35	Ls	Gray (50%) Red (50%) Ls fine grain. Hematite			
35-50	Ls	Gray (80%) Red 20% Ls fine grain Hem-tit			
50-85	Ls	Gray Ls fine grain >5% Red.			
85-100	Ls	Gray Ls. fine grained no Red			
100-105	Ls	Gray (95%) Red (25%) Ls. fine grained, good Hematite	Some Zone in inac hole 2		
105-110	Ls	Gray (95%) Red (25%) Ls fine grain Hem.			
116-130	Ls	Gray (98%) Red (2%) Ls fine grain			
		130			

000211

ANALYSTS REPORT

American Assay Laboratories Inc.

REPORT : SP 008206

Sample	Au ppb	Au(R) ppb
6 5	821	777
6 10	789	913
6 15	121	118
6 20	12	18
6 25	130	137
6 30	9	10
6 35	389	350
6 40	17	
6 45	7	
6 50	12	
6 55	<5	
6 60	<5	
6 65	<5	
6 70	<5	
6 75	<5	6
6 80	<5	
6 85	<5	
6 90	<5	
6 95	<5	
6 100	<5	
6 105	<5	<5
6 110	<5	
6 115	<5	
6 120	<5	
7 5	29	

90-6

90-7

000218

ANALYSIS REPORT

American Assay Laboratories Inc.

REPORT : SP 008206

Sample	Au ppb	Au(R) ppb
7 10	25	
7 15	12	
7 20	593	569
7 25	208	
7 30	295	
7 35	789	781
7 40	26	
7 45	17	
7 50	9	
7 55	<5	
7 60	8	
7 65	<5	<5
7 70	<5	
7 75	<5	
7 80	<5	
7 85	<5	<5
7 90	<5	
7 95	<5	
7 100	<5	
7 105	8	
7 110	<5	
7 115	<5	
7 120	9	
7 125	<5	
7 130	5	

15-35 = 20'

$= \frac{1885}{4} = 471$ ppb = 0.471 ppm = 0.014 oz/t

000219

Please refer to the cover sheet for further analytical

DIAMOND DRILL RECORD 7/30 4-8

D.D.H. No. 8-F

SHEET ___ of ___

DEPTH IN FEET	LITHOLOGY	DESCRIPTION	DEPTH	CORE ANGLE	REMARKS, SAMPLES, ETC.
0-10	Ls	90% Gray, 10% Red Ls fine grained			
10-15	Ls	Gray, 50% Red 60% fine grained			
15-30	Ls	Gray (85%) Red 15% fine grained. Hematite & Calcite Veinlets			
30-50	Ls	Gray 95% Red 5% fine grained, Rare Hematite Veinlets			
50-75	Ls	Gray Ls, fine grained			
75-95		Gray Ls (90%) Red Ls (10%) fine grain hematite			
95-100		Gray Ls (50%) Red Ls 50%) fine grain hematite			
100-120	Ls	Gray Ls, fine grained			

000221

ANALYSIS REPORT

American Assay Laboratories Inc.

REPORT : SP 008206

Sample	Au ppb	Au(R) ppb
8 5	19	
8 10	24	
8 15	<5	
8 20	8	
8 25	8	8
8 30	<5	
8 35	<5	
8 40	26	26
8 45	8	
8 50	7	
8 55	<5	
8 60	<5	
8 65	5	
8 70	12	
8 75	<5	
8 80	<5	
8 85	5	<5
8 90	<5	
8 95	<5	
8 100	8	
8 105	5	
8 110	7	
8 115	<5	
8 120	<5	

000222

Please refer to the cover sheet for further analysis details.

DIAMOND DRILL RECORD 9-9 7/29

D.D.H. NO. 9-

SHEET ___ OF ___

DEPTH IN FEET	LITHOLOGY	DESCRIPTION	DEPTH	CORE ANGLE	REMARKS, SAMPLES, ETC.
0-10	Ls	Gray Ls minor Red fine Grained			
10-20	Ls	Gray Ls (70%) Red (30%) Fine Grain, Hem.			
20-25	Ls	Red Ls (95%) Gray (5%) Minor Red S.S. Lots of Hem & Tarsite			
25-50	Ls	Gray Ls (70%) Red (30%) fine grained Hem.			
50-70	Ls	Gray Ls. (95%) Red (5%) fine grained minor Hem.			
70-95	Ls	Gray Ls minor Red fine grained w/ minor Hem.			
95-105	Ls	Gray ls (80%) Red ls (20%) fine grained Hem.			
105-140	Ls	Gray ls (95%) Red ls 5%) Fine grained Hem.			
		140'			

000224

ANALYSIS REPORT

American Assay Laboratories Inc.

REPORT : SP 008186

Sample	Au ppb	Au(R) ppb
5 30	508	
5 35	79	69
5 40	168	
5 45	114	
5 50	940	
5 55	39	
5 60	196	221
5 65	8	
5 70	22	
5 75	7	
5 80	<5	<5
5 85	<5	
5 90	<5	
5 95	6	
5 100	<5	
5 105	13	<5
5 110	<5	
5 115	<5	
5 120	<5	
5 125	6	
5 130	<5	
5 135	9	
5 140	<5	
9 5	11	
9 10	<5	

90-9

000225

ANALYSIS REPORT

American Assay Laboratories Inc.

REPORT : SP 008186 Page 7 of 8

Sample	Au ppb	Au(R) ppb	
9 15	8		
9 20	6		
9 25	8		
9 30	<5		
9 35	<5		
9 40	<5		
9 45	<5		
9 50	<5		
9 55	<5	<5	
9 60	<5		
9 65	6		
9 70	22		
9 75	<5		
9 80	9		
9 85	<5		
9 90	<5		
9 95	<5		
9 100	236	203	= 0.007 opt
9 105	<5		
9 110	13		
9 115	<5		
9 120	6		
9 125	<5	<5	
9 130	<5		
9 135	<5		

000226

Please refer to the cover sheet for further analysis details

ANALYSIS REPORT

American Assay Laboratories Inc.

REPORT : SP 008186 Page 8 of 8

Sample	Au ppb	Au(R) ppb
9 140	<5	
1967	218	

Please refer to the cover sheet for further analysis details.

000227

D.D.H. No. _____

DIAMOND DRILL RECORD

90-10 520°E, -55°

SHEET ____ of ____

DEPTH IN FEET	LITHOLOGY	DESCRIPTION	DEPTH	CORE ANGLE	REMARKS, SAMPLES, ETC.
0 - 5	Silici Ls	LtGray - Lt Pink			
5 - 20	Jasp 50% Ls 50%	Red - Gray some white			
20 - 35 (20-25)	Gy Ls 80% Red Ls 15%	5% Jasp			
35 - 50	Ls	Gray min Red (10%)			
50 - 60	Ls	Gray - Cream 70% Red 30%			
60 - 75	Ls m Jasp	Red Ls 60% Gray 40% 5% Jasp.			
75 - 105	Ls	Gray min. Cream Ls 80% 20% Red Trace Jasp / Si			
105 - 110	Ls / Si Jasp.	70% Red Ls 30% Gray - Tr Jas			
110 - 125	Ls -	70% Gray Ls 30% Red Ls Tr Jasp.			
125 - 140 (20-25')	Si Jasp - milky	70% Jasp (Si) Fe Ox, Minor Felix / Fes, Ls Gray - Red (30%)			
140 - 145		Same as Above 50% Si			
145 - 155	Ls	Ls 70% 30% Red			
155 - 175	Ls	Gray (60%) Red (10%) Tr Si some Hem antrol.			
175 - 200	Ls	LtGray Cream fine grain Same as last hole			

000249

ANALYSIS REPORT

Assay Laboratories

REPORT : SP 010340 Page 1 of 4

Sample	Au ppb	Au(R) ppb
90-10 0-5	16	
90-10 5-10	<5	
90-10 10-15	<5	
90-10 15-20	99	118
90-10 20-25	333	377
90-10 25-30	<5	
90-10 30-35	24	
90-10 35-40	<5	
90-10 40-45	<5	
90-10 45-50	<5	
90-10 50-55	<5	
90-10 55-60	<5	
90-10 60-65	7	
90-10 65-70	5	
90-10 70-75	56	
90-10 75-80	55	66
90-10 80-85	<5	
90-10 85-90	<5	
90-10 90-95	11	
90-10 95-100	<5	
90-10 100-105	<5	
90-10 105-110	<5	
90-10 110-115	<5	
90-10 115-120	7	
90-10 120-125	2269	2358

0.067 opt

000250

Please refer to the cover sheet for further analysis details.

ANALYSIS REPORT

Assay Laboratories

REPORT : SP 010340

Sample	Au ppb	Au(R) ppb	
90-10 125-130	87		
90-10 130-135	183	198	
90-10 135-140	42		
90-10 140-145	249		
90-10 145-150	65		
90-10 150-155	32		
90-10 155-160	26		
90-10 160-165	61		
90-10 165-170	7		
90-10 170-175	<5		
90-10 175-180	<5		
90-10 180-185	<5		
90-10 185-190	<5		
90-10 190-195	<5		
90-10 195-200	14	18	
90-11 0-5	146		
90-11 5-10	54		
90-11 10-15	36		
90-11 15-20	245		
90-11 20-25	230		
90-11 25-30	14		
90-11 30-35	95		
90-11 35-40	1421	1467	= 0.042 opt
90-11 40-45	120		
90-11 45-50	154		

000251

Please refer to the cover sheet for further analysis details.

90-11

DIAMOND DRILL RECORD

?N65W, -55°

Note: Plan maps have 90-11 & 90-12 in reverse positions.

DEPTH IN FEET	LITHOLOGY	DESCRIPTION	DEPTH	CORE ANGLE	REMARKS, SAMPLES, ETC.
0-5	[illegible] Si	[illegible]			
5-15	Ls - 2% Si	Pink-Cream Ls			
15-25	Ls	80% Dk Gray Some Red, some FeOx on fracture			
25-45	Ls-& 25 Jasp	Ls 70% Red, Jasp & 5 white Si			
45-55	Ls -5% Si/Jas	80% Gy-Dk Gy Ls. 20% Red Ls			
55-70	Ls & Jasp	Red Ls 60% Gray Ls - 20% - 20% Si/Jasp			
70-80	Ls	Dnk Gy Ls M/FeOx			
80-100	Ls	Gray - Cream Color			
100-110	Ls Tr Si)	80% Gray Ls. 20% PK-Red Ls. Tr Jasp			
110-120	Ls - Tr Si	50% Gray Ls 50% PK-Red Ls Tr. Jasp			
120-130	Ls	+% Gray Ls min Rd			
130-135	Ls	100% Lt Gray (white)			
135-145	Ls	Gray Min Red			
145-155	Ls chalk white	Lt Gray Cream Min. Red			
155-170	Dolomite	50% Gray 50% Red v minor fizzing probably some Si FeOx on frac.			
170-220	Dolomite	Gray-Lt Gray Trace Red / minor S.S vf grain NOTE! 200-05 Goo?			S.S.? white, Mylonite Fizz!
220-225	Ls, Dol. & min Si 20	Gray Lt Gray (70%) Red (30%)			

000254

DIAMOND DRILL RECORD

90-11 1/6/91 - 1/17/91

U.M.M. NO. _____

SHEET 2 OF _____

DEPTH IN FEET	LITHOLOGY	DESCRIPTION	DEPTH	CORE ANGLE	REMARKS, SAMPLES, ETC.
225-240	Ls & Dol.	Gray Tr. Red			
240-250	Ls - mod Jasp Sl	Gray(70%) Red 30% Jasp 5%			
250-300	Ls (Tr. Dol) V minor Jas.	Gray (95%) Red 5%			
300-350	Ls	L-Brownish Gray & Good Frac			
350-55	Ls Tr Jasp.	50% Red 50% Gray			
355-65	Ls	Gray			
365-70	Ls Tr Jasp.	60% Gray 40% Red			
370-395	Ls	Gray			
395-410	Ls Tr. Jasp.	Gray (90%) Red (10%)			
410-440	Ls	Gray (95%) Min Red Tr Jasp			
440-60	Dol. Tr Jasp	100% Red Minor Fizzing Some S.S.?	440-50 T mod Jasp 50-60 Fe Ox/Fes	none S.S.?	
460-480	Ls min Dol	90% Gray Ls Good Fizz Min Red Dol ss			
480-520	Ls	Gray Good Fizz			
520-35	Ls	90% Gray 10% Red Some Fe Ox on Fract			
535-545	Ls	Gray			
545-550	Ls	70% Gray 30% Red			
550-560	Ls	90% Gray m/Red			
560-5[illegible]	Ls	[illegible]% Gray [illegible]% Red Tr Jasp.			
[illegible]	Ls	90% Gray - m/Red			
[illegible]	Ls	[illegible]% Gray, [illegible]% Red Tr. Jasp.			

000255

ANALYSIS REPORT

American Assay Laboratories

REPORT : SP 010340

Sample	Au ppb	Au(R) ppb	
90-10 125-130	87		
90-10 130-135	183	198	
90-10 135-140	42		
90-10 140-145	249		
90-10 145-150	65		
90-10 150-155	32		
90-10 155-160	26		
90-10 160-165	61		
90-10 165-170	7		
90-10 170-175	<5		
90-10 175-180	<5		
90-10 180-185	<5		
90-10 185-190	<5		
90-10 190-195	<5		
90-10 195-200	14	18	
90-11 0-5	146		
90-11 5-10	54		
90-11 10-15	36		
90-11 15-20	245		
90-11 20-25	230		
90-11 25-30	14		
90-11 30-35	95		
90-11 35-40	1421	1467	= 0.042 oz/t
90-11 40-45	120		
90-11 45-50	154		

000256

ANALYSIS REPORT

Assay Laboratories

REPORT : SP 010340

Sample	Au ppb	Au(R) ppb	
90-11 50-55	87		
90-11 55-60	55		
90-11 60-65	175		
90-11 65-70	104		
90-11 70-75	38		
90-11 75-80	7		
90-11 80-85	17		
90-11 85-90	5		
90-11 90-95	8		
90-11 95-100	13	10	
90-11 100-105	<5		
90-11 105-110	395	375	=0.012 oz/t
90-11 110-115	11		
90-11 115-120	51		
90-11 120-125	6		
90-11 125-130	<5		
90-11 130-135	<5		
90-11 135-140	<5		
90-11 140-145	<5	<5	
90-11 145-150	6		
90-11 150-155	<5		
90-11 155-160	<5		
90-11 160-165	<5		
90-11 165-170	<5	<5	
90-11 170-175	<5		

000257

Please refer to the cover sheet for further analysis details.

ANALYSIS REPORT

Sample	Au ppb	Au(R) ppb
90-11 175-180	<5	
90-11 180-185	<5	
90-11 185-190	<5	
90-11 190-195	<5	
90-11 195-200	6	

Please refer to the cover sheet for further analysis details.

Continued

ANALYSIS REPORT

Assay Laboratories

REPORT : SP 010363

Sample	Au ppb	Au(R) ppb
9-11 200-205	7	
9-11 205-210	6	
9-11 210-215	<5	
9-11 215-220	<5	
9-11 220-225	19	
9-11 225-230	<5	
9-11 230-235	<5	
9-11 235-240	11	
9-11 240-245	5	
9-11 245-250	11	10
9-11 250-255	45	
9-11 255-260	<5	
9-11 260-265	<5	
9-11 265-270	<5	
9-11 270-275	<5	<5
9-11 275-280	<5	
9-11 280-285	10	
9-11 285-290	<5	
9-11 290-295	<5	
9-11 295-300	<5	
9-11 300-305	<5	
9-11 305-310	<5	
9-11 310-315	<5	
9-11 315-320	<5	
9-11 320-325	<5	

000259

Please refer to the cover sheet for further analysis details.

ANALYSIS REPORT

Assay Laboratories

REPORT : SP 010363 Page 2 of 4

Sample	Au ppb	Au(R) ppb	
9-11 325-330	138	103	
9-11 330-335	<5		
9-11 335-340	7		
9-11 340-345	<5		
9-11 345-350	<5	<5	
9-11 350-355	<5		
9-11 355-360	<5	5	
9-11 365-370	<5		
9-11 370-375	20		
9-11 375-380	<5		
9-11 380-385	<5		
9-11 385-390	<5		
9-11 390-395	<5		
9-11 400-405	<5		
9-11 405-410	<5		
9-11 410-415	<5		
9-11 415-420	<5		
9-11 420-425	<5		
9-11 425-430	<5	<5	
9-11 430-435	<5		
9-11 435-440	350	291	
9-11 440-445	1950	1854	6.057 oz/t
9-11 445-450	183	166	
9-11 450-455	12		
9-11 455-460	127		

000260

Please refer to the cover sheet for further analysis details.

ANALYSIS REPORT

American Assay Laboratories

REPORT : SP 010363

Sample	Au ppb	Au(R) ppb
9-11 460-465	<5	
9-11 465-470	<5	
9-11 470-475	31	
9-11 475-480	<5	
9-11 480-485	<5	
9-11 485-490	<5	
9-11 490-495	<5	<5
9-11 495-500	<5	
9-11 500-505	11	9
9-11 505-510	6	
9-11 510-515	<5	
9-11 515-520	29	
9-11 520-525	<5	
9-11 525-530	<5	
9-11 530-535	<5	
9-11 535-540	<5	
9-11 540-545	<5	
9-11 545-550	<5	
9-11 550-555	<5	
9-11 555-560	<5	
9-11 560-565	8	
9-11 565-570	8	
9-11 570-575	<5	
9-11 575-580	<5	
9-11 580-585	<5	

000261

Please refer to the cover sheet for further analysis details

ANALYSIS REPORT

American Assay Laboratories

REPORT : SP 010363 Page 4 of 4

Sample	Au ppb	Au(R) ppb
9-11 585-590	<5	
9-11 590-595	<5	
9-11 595-600	<5	

Please refer to the cover sheet for further analysis details.

000262

D.D.H. No. 90-12

DIAMOND DRILL RECORD

? S30W, -45°

SHEET 1 OF

Note: maps have 90-11 + 90-12 reversed

DEPTH IN FEET	LITHOLOGY	DESCRIPTION	DEPTH	CORE ANGLE	REMARKS, SAMPLES ETC.
*0-5	Ls - Si (minor)	Red - Gray Ls			
5-20 (5-20)	Ls.	Gray fine Grained			
20-35	Ls - Si Minor Jasp	70% Gray - 30% Red			
*35-40	Ls - Jasp. (25%)	50% Gray, 50% Red Fine grain			
45-55	Ls - Si Minor	90% Gray 10% Red			
*55-65	Ls - Jasp Si (25%	50% Gray 50% Red / Note 60-65 went through	← 3-5' void —		
65-75	Ls ——	90 Gray Tr Red			
*75-80	Ls - Si/Jasp (30%)	70% Gray 30% Red			
80-135	Ls Tr. Jasp	95% Gray			
135-150	Ls	50% Gray - Brown 50% Red trace FeOx after FeS			
150-165	Ls	Gray trace Red			
165-190	Ls - [illegible]	FeOx stained hematite on fractures trace FeOx / FeS ?			
190-200	Ls -	Gray - Cream Colored			

000265

ANALYSIS REPORT

American Assay Laboratories

REPORT : SP 010330

Sample	Au ppb	Au(R) ppb	
9/12 0-5	107	90	
9/12 5-10	63	59	
9/12 10-15	367		
9/12 15-20	1993	2091	= 0.0586 oz*
9/12 20-25	79		
9/12 25-30	25		
9/12 30-35	16		
9/12 35-40	33		
9/12 40-45	9		
9/12 45-50	33		
9/12 50-55	38		
9/12 55-60	47	69	
9/12 60-65	587	539	
9/12 65-70	105	131	
9/12 70-75	<5		
9/12 75-80	5		
9/12 80-85	<5		
9/12 85-90	<5		
9/12 90-95	<5		
9/12 95-100	<5		
9/12 100-105	28		
9/12 105-110	7		
9/12 110-115	<5		
9/12 115-120	8		
9/12 120-125	<5		

000266

Please refer to the cover sheet for further analysis details.

ANALYSIS REPORT

Assay Laboratories

REPORT : SP 010330

Sample	Au ppb	Au(R) ppb
9/12 125-130	<5	
9/12 130-135	<5	
9/12 135-140	<5	
9/12 140-145	<5	<5
9/12 145-150	33	
9/12 150-155	6	
9/12 155-160	<5	
9/12 160-165	<5	
9/12 165-170	10	
9/12 170-175	<5	<5
9/12 175-180	<5	
9/12 180-185	<5	
9/12 185-190	<5	
9/12 190-195	<5	
9/12 195-200	<5	

Please refer to the cover sheet for further analysis details.

DIAMOND DRILL RECORD

92-1 -70° 100'W 9@-2 SHEET 6/20/92 1 of

DEPTH IN FEET	LITHOLOGY	DESCRIPTION	DEPTH	CORE ANGLE	REMARKS, SAMPLES, ETC.
0-20	Ls TR Jasp	Fine grain DK Cream colored Ls Jasp Red-Pk			
20-35	Ls	Fine grain DK Cream colored Ls			
35-50	Ls	Fin grain Cream colored Ls			
50-70	Ls TR Jasp.	Fine grain Cream colored Ls. Jasp Red-Pk			
70-90	Ls 25% Jasp	Fine grain cream colored Ls Jasp. Red-Pk			
90-100	Ls	Fine grain cream colored.			
100-105		No Sample			
105-120	Ls	Fine grain cream colored			
120-160	Ls To Jasp	Fine grain. Reddish Cream colored Ls, Mod Fract stain			
160-180	Ls Jasper (90)	Fin grain Red Jasp Red Ls Hvy Fract		20'	
180-200	Ls	Dark Grey - DK Cream Ls Fine Grain			
200-245	Ls	Dark Cream Ls Some Dk Grey			
245-55	Ls - 15% Jas	Dark Cream Ls 15% Jasp Red			
255-275	Ls	Med. Grey Ls			
275-280	Shale	Black Shale contact			
280-90	Shale	RO Baked ?		15'	
290	Ls	Ls Grey			

692089

ANALYSIS REPORT

American Assay Laboratories Inc.

REPORT : SP 018181 Page 1 of 10

Sample	Au ppb	Au(R) ppb	
92-1 0-5	26		
92-1 5-10	1690	1595	ave 1497 ppb
92-1 10-15	1297	1407	1.497 ppm = 0.044 opt
92-1 15-20	252		
92-1 20-25	219		
92-1 25-30	13		
92-1 30-35	10		
92-1 35-40	7	<5	
92-1 40-45	<5		
92-1 45-50	8		
92-1 50-55	8	<5	
92-1 55-60	<5		
92-1 60-65	<5		
92-1 65-70	<5		
92-1 70-75	<5		
92-1 75-80	<5		
92-1 80-85	<5		
92-1 85-90	<5		
92-1 90-95	5		
92-1 95-100	<5		
92-1 100-105	44	51	
92-1 105-110	<5		
92-1 110-115	<5		
92-1 115-120	<5		
92-1 120-125	5		

000290

Please refer to the cover sheet for further analysis details.

ANALYSIS REPORT

American Assay Laboratories Inc.

REPORT : SP 018181

Sample	Au ppb	Au(R) ppb	
92-1 125-130	<5		
92-1 130-135	<5		
92-1 135-140	<5		
92-1 140-145	<5		
92-1 145-150	10		
92-1 150-155	<5		
92-1 155-160	<5	5	
92-1 160-165	<5		
92-1 165-170	6		
92-1 170-175	6		
92-1 175-180	<5		
92-1 180-185	<5		
92-1 185-190	<5		
92-1 190-195	<5		
92-1 195-200	<5		
92-1 200-205	<5		
92-1 205-210	<5		
92-1 210-215	<5		
92-1 215-220	<5		
92-1 220-225	5		
92-1 225-230	<5	<5	
92-1 230-235	<5		
92-1 235-240	<5		
92-1 240-245	587	528	= 0.017 opt.
92-1 245-250	18	21	

Please refer to the cover sheet for further analysis details.

ANALYSIS REPORT

American Assay Laboratories Inc.

REPORT : SP 018181

Sample	Au ppb	Au(R) ppb
92-1 250-255	<5	
92-1 255-260	<5	
92-1 260-265	<5	
92-1 265-270	<5	<5
92-1 270-275	7	
92-1 275-280	15	
92-1 280-285	7	
92-1 285-290	<5	
92-1 290-295	5	
92-1 295-300	9	
92-1 300-305	<5	
92-1 305-310	<5	
92-1 310-315	<5	
92-1 315-320	<5	
92-2 0-5	29	
92-2 5-10	16	
92-2 10-15	6	
92-2 15-20	7	
92-2 20-25	7	
92-2 25-30	10	6
92-2 30-35	<5	
92-2 35-40	13	
92-2 40-45	<5	
92-2 45-50	7	5
92-2 50-55	<5	

000292

Please refer to the cover sheet for further analysis details.

DIAMOND DRILL RECORD -70% W 92-2

D.D.H. NO. _____

SHEET ____ of ____

DEPTH IN FEET	LITHOLOGY	DESCRIPTION	DEPTH	CORE ANGLE	REMARKS, SAMPLES, ETC.
0-10	Ls & Jasp	Surface & Bed Rock - Ls Cream Colored			
10-35	Ls & Jasp	Lt Gray Ls			
35-40	Ls & Jasp	LT Red Ls some Visible Hematite			
40-100	Ls	Lt Gray Cream Colored fine grain			
100-120	Ls	Lt Gray with minor Red Ls			
120-140	Ls	Lt Gray Cream fine Grain			
140-180	Ls	Lt Gray Cream fine Grain with Red Ls Hematite			
180-140	Ls & Jasp	Red Ls w/ Red Jasp some dark gray Ls Hematite Rich			
140-280	Ls	Lt Gray - Cream fine Grain Minor Red Ls			
280-295	Ls & Jasp	Lt - Med gray Ls 25% Red - Lt Red Jasp			
295-305	Ls & Jasp	Lt - Med gray Ls minor Red			
305-310	Ls	Lt - Med gray Ls - To Red			

000293

ANALYSIS REPORT

American Assay Laboratories Inc.

REPORT : SP 018181 Page 3 of 10

Sample	Au ppb	Au(R) ppb
92-1 250-255	<5	
92-1 255-260	<5	
92-1 260-265	<5	
92-1 265-270	<5	<5
92-1 270-275	7	
92-1 275-280	15	
92-1 280-285	7	
92-1 285-290	<5	
92-1 290-295	5	
92-1 295-300	9	
92-1 300-305	<5	
92-1 305-310	<5	
92-1 310-315	<5	
92-1 315-320	<5	
92-2 0-5	29	
92-2 5-10	16	
92-2 10-15	6	
92-2 15-20	7	
92-2 20-25	7	
92-2 25-30	10	6
92-2 30-35	<5	
92-2 35-40	13	
92-2 40-45	<5	
92-2 45-50	7	5
92-2 50-55	<5	

000294

ANALYSIS REPORT

American Assay Laboratories Inc.

REPORT : SP 018181

Sample	Au ppb	Au(R) ppb
92-2 55-60	5	
92-2 60-65	<5	
92-2 65-70	<5	
92-2 70-75	<5	
92-2 75-80	<5	
92-2 80-85	<5	
92-2 85-90	<5	
92-2 90-95	<5	
92-2 95-100	<5	
92-2 100-105	<5	<5
92-2 105-110	<5	
92-2 110-115	14	
92-2 115-120	<5	
92-2 120-125	<5	
92-2 125-130	<5	
92-2 130-135	<5	
92-2 135-140	<5	
92-2 140-145	<5	
92-2 145-150	9	
92-2 150-155	8	
92-2 155-160	<5	
92-2 160-165	<5	<5
92-2 165-170	<5	
92-2 170-175	<5	
92-2 175-180	<5	

000295

Please refer to the cover sheet for further analysis details.

ANALYSIS REPORT

American Assay Laboratories Inc.

REPORT : SP 018181

Sample	Au ppb	Au(R) ppb
92-2 180-185	<5	
92-2 185-190	<5	
92-2 190-195	<5	
92-2 195-200	5	<5
92-2 200-205	<5	
92-2 205-210	<5	
92-2 210-215	<5	
92-2 215-220	<5	
92-2 220-225	<5	
92-2 225-230	5	
92-2 230-235	15	
92-2 235-240	<5	
92-2 240-245	<5	<5
92-2 245-250	<5	
92-2 250-255	<5	
92-2 255-260	<5	
92-2 260-265	<5	
92-2 265-270	<5	
92-2 270-275	<5	
92-2 275-280	<5	
92-2 280-285	<5	
92-2 285-290	<5	
92-2 290-295	<5	
92-2 295-300	<5	
92-2 300-305	<5	<5

000295

Please refer to the cover sheet for further analysis details.

Sample	Au ppb	Au(R) ppb
92-2 305-310	<5	
92-3 0-5	5	
92-3 5-10	5	
92-3 10-15	8	
92-3 15-20	5	
92-3 20-25	<5	
92-3 25-30	<5	
92-3 30-35	<5	
92-3 35-40	9	6
92-3 40-45	9	
92-3 45-50	<5	
92-3 50-55	171	168
92-3 55-60	30	36
92-3 60-65	<5	
92-3 65-70	28	
92-3 70-75	6	
92-3 75-80	8	
92-3 80-85	5	
92-3 85-90	5	
92-3 90-95	5	
92-3 95-100	<5	
92-3 100-105	<5	
92-3 105-110	<5	<5
92-3 110-115	<5	
92-3 115-120	<5	

000297

Please refer to the cover sheet for further analysis details.

92-3 DIAMOND DRILL RECORD

N22W, -70° NW

SHEET 1 of [illegible]

DEPTH IN FEET	LITHOLOGY	DESCRIPTION	DEPTH	CORE ANGLE	REMARKS, SAMPLES, ETC.
0-[illegible]	Ls Tu Jasp to Mod.	Ls Gray [illegible] [illegible])			
		Hematite occurring as coatings and Replacement Huy	Fe([illegible]		[illegible]
[illegible]	Ls Tu Jasp	Ls Gray [illegible] Brown [illegible]			
[illegible]	Ls Tu Jasp	Ls [illegible]			
[illegible]	Ls	Ls gray brown to Gray [illegible]			
[illegible]-200	Ls [illegible]	Ls [illegible] Red [illegible]			
[illegible]	Ls	Ls gray to gravel Brown			
[illegible]-265	Ls Tu Jasp	Ls [illegible] to gravel Brn w/ Jasp Red-white			
265-325	Ls	Ls gray to gravel Brn			
325-350	Ls Tu Jasp	Ls gray to gravel Brown; Jasp Red-white			
[illegible]-376	Ls Jasp	Ls gray to gray Brown [illegible] Jasp 10%			
376-420	Red Ls Jasp	Ls Red Jasp [illegible]			50
420-440	Red Ls Jasp	20% Calcite Ls Gray mostly Red			40
440-[illegible]	Calcite	Pure Calcite			
[illegible]-470	Ls Jasp	Gray - Red Ls [illegible]			
470-[illegible]	[illegible] Shale	Black Mod. Red			
[illegible]	Gray Shale				

000291

ANALYSIS REPORT

REPORT : SP 018181

Sample	Au ppb	Au(R) ppb	
92-2 305-310	<5		
92-3 0-5	5		
92-3 5-10	5		
92-3 10-15	8		
92-3 15-20	5		
92-3 20-25	<5		
92-3 25-30	<5		
92-3 30-35	<5		
92-3 35-40	9	6	
92-3 40-45	9		
92-3 45-50	<5		
92-3 50-55	171	168	= 0.005 opt
92-3 55-60	30	36	
92-3 60-65	<5		
92-3 65-70	28		
92-3 70-75	6		
92-3 75-80	8		
92-3 80-85	5		
92-3 85-90	5		
92-3 90-95	5		
92-3 95-100	<5		
92-3 100-105	<5		
92-3 105-110	<5	<5	
92-3 110-115	<5		
92-3 115-120	<5		

000300

Please refer to the cover sheet for further analysis details.

Sample	Au ppb	Au(R) ppb
92-3 120-125	<5	<5
92-3 125-130	<5	
92-3 130-135	<5	
92-3 135-140	<5	
92-3 140-145	<5	
92-3 145-150	7	
92-3 150-155	<5	
92-3 155-160	5	
92-3 160-165	<5	
92-3 165-170	<5	
92-3 170-175	<5	<5
92-3 175-180	<5	
92-3 180-185	<5	
92-3 185-190	<5	
92-3 190-195	<5	
92-3 195-200	<5	
92-3 200-205	<5	
92-3 205-210	5	
92-3 210-215	<5	
92-3 215-220	<5	
92-3 220-225	<5	
92-3 225-230	<5	
92-3 230-235	<5	
92-3 235-240	<5	
92-3 240-245	<5	

Please refer to the cover sheet for further analysis details.

Sample	Au ppb	Au(R) ppb
92-3 245-250	<5	
92-3 250-255	<5	
92-3 255-260	<5	<5
92-3 260-265	<5	
92-3 265-270	<5	
92-3 270-275	<5	
92-3 275-280	<5	
92-3 280-285	<5	
92-3 285-290	<5	
92-3 290-295	<5	
92-3 295-300	<5	
92-3 300-305	<5	<5
92-3 305-310	<5	
92-3 310-315	<5	
92-3 315-320	<5	
92-3 320-325	<5	
92-3 325-330	<5	
92-3 330-335	<5	
92-3 335-340	<5	
92-3 340-345	<5	
92-3 345-350	<5	
92-3 350-355	<5	<5
92-3 355-360	<5	
92-3 360-365	<5	
92-3 365-370	<5	

000302

Please refer to the cover sheet for further analysis details.

Sample	Au ppb	Au(R) ppb
92-3 370-375	<5	
92-3 375-380	<5	
92-3 380-385	<5	
92-3 385-390	5	
92-3 390-395	<5	
92-3 395-400	23	24
92-3 400-405	6	
92-3 405-410	47	
92-3 410-415	141	
92-3 415-420	492	= 0.0145 oz
92-3 420-425	154	
92-3 425-430	159	
92-3 430-435	23	
92-3 435-440	10	
92-3 440-445	5	
92-3 445-450	9	
92-3 450-455	14	
92-3 455-460	11	10
92-3 460-465	5	
92-3 465-470	<5	
92-3 470-475	<5	
92-3 475-480	<5	<5
92-3 480-485	6	
92-3 485-490	5	
92-3 490-495	35	

000303

Please refer to the cover sheet for further analysis details.

ANALYSIS REPORT

Assay Laboratories Inc.

REPORT : SP 018181

Sample	Au ppb	Au(R) ppb
92-3 495-500	5	
92-3 500-505	<5	
92-3 505-510	<5	
92-3 510-515	<5	
92-3 515-520	6	
92-3 520-525	<5	
92-3 525-530	<5	<5

Please refer to the cover sheet for further analysis details.

List of Companies receiving

Zebra 1998 Exploration Package

Zebra 1990 Exploration Package sent to:

2/23 David May - Noranda
2/26 Jim Newman - Atlas
2/26 Bob Metz - Battle Mtn.
2/26 David Giles - Corona Gold
2/26 Thomas Shrake - Tenneco
2/26 Robert Thomas - Meridian Minerals
2/26 Robert Roe - Kerr-McGee
2/27 Ed Kerr - Homestake
2/26 Bob Suda - Cominco
2/27 Jim Mayor - Newmont
2/27 Peter Kirwin - INCO
2/27 Richard Jink - Cyprus
2/27 Keith Hansen - Kennecott also Linus Keating 3/13
2/27 Rawno Perttu - N. Lily
2/27 William Danley - Amax
3/12 Ellen Westhoff - Quartz Mtn Gold

Kennecott Utah Copper, Inc.
PO Box 525
Bingham Canyon, Utah 84006
801-569-6000

Reports / Assays from Visiting Companies

Atlas Precious Metals Inc

Lusot Management

KCC

Atlas Precious Metals, Inc.

A Subsidiary of Atlas Corporation

395 Freeport Blvd., Suite 12 Sparks, Nevada 89431
(702) 356-6086

April 4, 1989

MinSearch, Inc.
Attn: Mary Barraco
11930 Menaul NE, Suite 112
Albuquerque, New Mexico 87112

Dear Mary:

Attached, please find the Skyline geochemical results for the pulps obtained from the Iron King Lab. As you can see, there appears to be no significant variances.

Also attached, are the geochemical results from my sampling at Zebra and Cowboy Pass.

Please let me know if you obtain any additional information on the Cowboy Pass Prospect.

Sincerely,

James W. Newman
Rocky Mountain District Manager

JWN:jv

Attachments

89-1-5
10
15
20
25
30
35
40

89-1-50
55
60
65

10-13

8

4

89-2-20
25
30
35
40
45
50
55
60

9

89-3-60
65
70
75

4

89-4-30
35
40
45
50
55
60

7

89-5-185
190
195
200
205

5

89-5-305
310
315
320
325

5

(42)

0002871

SKYLINE LABS, INC.
1775 W. Sahuaro Dr. • P.O. Box 50106
Tucson, Arizona 85703
(602) 622-4836

REPORT OF ANALYSIS

JOB NO. VJU 003
March 21, 1989
MSC 3637-1 TO MSC 3639-65

ATLAS PRECIOUS METALS
Attn: Mr. Jim Newman
395 Freeport Blvd. #12
Sparks, NV 89434

Analysis of 42 Pulp Samples

ITEM	SAMPLE NUMBER	FIRE ASSAY Au* (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)
1	MSC 3637-1	.320	.20	55.	16.
2	MSC 3637-2	.055	.05	<2.	2.
3	MSC 3637-3	.046	.05	<2.	<2.
4	MSC 3637-4	.220	.55	<2.	<2.
5	MSC 3637-5	3.000	.45	<2.	4.
6	MSC 3637-6	<.002	.10	8.	<2.
7	MSC 3637-7	<.002	<.05	<2.	<2.
8	MSC 3637-8	.500	.10	<2.	4.
9	MSC 3637-10	<.002	.10	<2.	<2.
10	MSC 3637-11	.008	.10	<2.	<2.
11	MSC 3637-12	.055	.10	<2.	<2.
12	MSC 3637-13	.160	.05	<2.	8.
13	MSC 3637-32	.140	3.50	<2.	<2.
14	MSC 3637-33	<.002	.10	<2.	<2.
15	MSC 3637-34	.006	.05	2.	<2.
16	MSC 3637-35	<.002	.05	2.	<2.
17	MSC 3637-36	<.002	.05	14.	<2.
18	MSC 3637-37	2.500	1.00	8.	14.
19	MSC 3637-38	<.002	.15	12.	<2.
20	MSC 3637-39	.006	<.05	2.	<2.
21	MSC 3637-40	<.002	<.05	<2.	<2.
22	MSC 3638-12	<.002	.05	<2.	<2.
23	MSC 3638-13	<.002	<.05	<2.	<2.
24	MSC 3638-14	.002	<.05	<2.	<2.
25	MSC 3638-15	<.002	<.05	4.	2.

000288

Charles E. Thompson
Arizona Registered Assayer No. 9427

William L. Lehmbeck
Arizona Registered Assayer No. 9425

James A. Martin
Arizona Registered Assayer No. 11122

SKYLINE LABS, INC.
1775 W. Sahuaro Dr. • P.O. Box 50106
Tucson, Arizona 85703
(602) 622-4836

JOB NO. VJU 003
March 21, 1989

ITEM	SAMPLE NUMBER	FIRE ASSAY Au* (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)
26	MSC 3638-26	.002	.15	4.	2.
27	MSC 3638-27	.003	.05	4.	6.
28	MSC 3638-28	<.002	.20	90.	24.
29	MSC 3638-29	.012	.25	42.	14.
30	MSC 3638-30	.065	.35	12.	<2.
31	MSC 3638-31	.005	.20	18.	2.
32	MSC 3638-32	.004	.20	12.	<2.
33	MSC 3639-37	.005	<.05	<2.	<2.
34	MSC 3639-38	.018	<.05	14.	<2.
35	MSC 3639-39	.030	<.05	26.	<2.
36	MSC 3639-40	.030	<.05	16.	<2.
37	MSC 3639-41	.024	.05	20.	<2.
38	MSC 3639-61	.012	<.05	16.	8.
39	MSC 3639-62	.012	<.05	10.	4.
40	MSC 3639-63	.065	<.05	14.	4.
41	MSC 3639-64	.016	<.05	4.	<2.
42	MSC 3639-65	.005	<.05	<2.	2.

000289

Charles E. Thompson
Arizona Registered Assayer No. 9427

William L. Lehmbeck
Arizona Registered Assayer No. 9425

James A. Martin
Arizona Registered Assayer No. 11122

SKYLINE LABS, INC.
1775 W. Sahuaro Dr. • P.O. Box 50106
Tucson, Arizona 85703
(602) 622-4836

JOB NO. VJU 003
March 21, 1989

ITEM	SAMPLE NUMBER	Zn (ppm)	Mo (ppm)	As (ppm)
1	MSC 3637-1	28.	<2.	4.
2	MSC 3637-2	105.	<2.	2.
3	MSC 3637-3	34.	<2.	<2.
4	MSC 3637-4	85.	<2.	2.
5	MSC 3637-5	195.	<2.	4.
6	MSC 3637-6	110.	<2.	6.
7	MSC 3637-7	46.	<2.	8.
8	MSC 3637-8	40.	2.	18.
9	MSC 3637-10	34.	<2.	2.
10	MSC 3637-11	16.	<2.	6.
11	MSC 3637-12	24.	<2.	12.
12	MSC 3637-13	345.	<2.	38.
13	MSC 3637-32	65.	<2.	4.
14	MSC 3637-33	190.	<2.	<2.
15	MSC 3637-34	60.	<2.	<2.
16	MSC 3637-35	28.	<2.	<2.
17	MDS 3627-36	26.	<2.	4.
18	MSC 3637-37	245.	<2.	2.
19	MSC 3637-38	50.	<2.	8.
20	MSC 3637-39	18.	<2.	<2.
21	MSC 3637-40	6.	<2.	<2.
22	MSC 3638-12	36.	<2.	4.
23	MSC 3638-13	135.	<2.	6.
24	MSC 3638-14	50.	<2.	12.
25	MSC 3638-15	22.	2.	16.

000290

Charles E. Thompson
Arizona Registered Assayer No. 9427

William L. Lehmbeck
Arizona Registered Assayer No. 9425

James A. Martin
Arizona Registered Assayer No. 11122

SKYLINE LABS, INC.
1775 W. Sahuaro Dr. • P.O. Box 50106
Tucson, Arizona 85703
(602) 622-4836

ITEM	SAMPLE NUMBER	Zn (ppm)	Mo (ppm)	As (ppm)
26	MSC 3638-26	36.	2.	8.
27	MSC 3638-27	44.	4.	6.
28	MSC 3638-28	40.	10.	38.
29	MSC 3638-29	425.	4.	16.
30	MSC 3638-30	55.	2.	12.
31	MSC 3638-31	40.	<2.	8.
32	MSC 3638-32	50.	2.	<2.
33	MSC 3639-37	100.	<2.	4.
34	MSC 3639-38	26.	4.	4.
35	MSC 3639-39	38.	6.	2.
36	MSC 3639-40	28.	4.	<2.
37	MSC 3639-41	110.	4.	2.
38	MSC 3639-61	100.	2.	6.
39	MSC 3639-62	24.	2.	6.
40	MSC 3639-63	26.	4.	8.
41	MSC 3639-64	16.	<2.	2.
42	MSC 3639-65	115.	<2.	<2.

*NOTE: Method of analysis by combination fire assay and atomic absorption based on a one assay-ton sample.

000291

Charles E. Thompson
Arizona Registered Assayer No. 9427

William L. Lehmbeck
Arizona Registered Assayer No. 9425

James A. Martin
Arizona Registered Assayer No. 11122

SKYLINE LABS, INC.
1775 W. Sahuaro Dr. • P.O. Box 50106
Tucson, Arizona 85703
(602) 622-4836

REPORT OF ANALYSIS

JOB NO. VJU 002
March 13, 1989
PROJECT NO.: 4290
562 TO 570

ATLAS PRECIOUS METALS
Attn: Mr. J. Newman
395 Freeport Blvd. #12
Sparks, NV 89434

Analysis of 9 Rock Chip Samples

	ITEM	SAMPLE NO.	FIRE ASSAY Au* (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)
			oz/ton Au	oz/ton Ag	oz/ton Cu	oz/ton Pb
Zebra	1	562	.027 .920	.20 .006	16. .464	32. .928
	2	563	.29 >10.000**	4.00 .116	12. .348	12. .348
	3	564	.003 .090	.15 .004	<2.	18. .522
	4	565	.038 .960	.35 .010	6. .174	12. .348
	5	566	.044 1.500	3.20 .093	2. .058	6. .174
Cowboy Pass	6	567	.038	.15	<2.	24.
	7	568	.004	.10	<2.	30.
	8	569	.090	.10	<2.	26.
	9	570	.034	.20	2.	18.

000292

Charles E. Thompson
Arizona Registered Assayer No. 9427

William L. Lehmbeck
Arizona Registered Assayer No. 9425

James A. Martin
Arizona Registered Assayer No. 11122

SKYLINE LABS, INC.
1775 W. Sahuaro Dr. • P.O. Box 50106
Tucson, Arizona 85703
(602) 622-4836

JOB NO. VJU 002
March 13, 1989

ITEM	SAMPLE NO.	Zn (ppm)	As (ppm)	Sb (ppm)	Hg (ppm)	
1	562	80.	90.	2.	.03	
2	563	32.	4500.	75.	1.60	
3	564	28.	20.	<1.	<.01	
4	565	20.	135.	11.	.08	
5	566	18.	55.	<1.	<.01	
6	567	48.	30.	2.	.01	
7	568	34.	22.	4.	.10	
8	569	10.	14.	2.	.05	
9	570	55.	55.	20.	.12	

*NOTE: Method of analysis by combination fire assay and atomic absorption based on a one assay-ton sample.

**NOTE: Greater than normal geochemical range. Please advise if fire assay is needed.

000293

Charles E. Thompson
Arizona Registered Assayer No. 9427

William L. Lehmbeck
Arizona Registered Assayer No. 9425

James A. Martin
Arizona Registered Assayer No. 11122

Minsearch
505-296-1067

August 27, 1989

On Wednesday, August 22, Mary Barraco and I visited the Zebra property near Tombstone, Arizona. The property is controlled by Ken Cabianca. The property has been mapped and surface sampled by Minsearch who have drilled 18 shallow reverse-circulation holes in two areas of the property. Several of the surface samples and four of the drill holes encountered gold mineralization.

Although the report on the property was not encouraging, the property could be better than the report suggests. It may have potential for hidden ore deposits in three areas, one of which is to the southeast of the current property position. At this stage, it is difficult to say how attractive an exploration target exists on the Zebra property. Approximately 10 man-days of field work and sampling would determine if easily definable targets exist. Limited trenching and reverse-circulation drilling would be based on the results of the field work. The field work could be conducted for about $5,000.00. The cost of the trenching and drilling would depend on the targets defined and the intent of the program.

The property, which is slightly more than two sections in size, consists of a northwest-trending, east-sloping ridge surrounded by alluvial flats. The ridge is underlain by Permian limestone beds which have been folded and thrust-faulted. The beds were subsequently cut by high-angle faults, including a large northwest-trending Basin and Range fault which forms the boundary between the ridge and the valley to the west. The limestone has been locally intruded by Tertiary sialic igneous rocks which are associated with the gold mineralization.

Eight holes were drilled in the northwestern part of the ridge, and four holes encountered five to fifteen feet of shallow 0.x gold mineralization in grey limestone. The four holes were all adjacent to each other, across a length of some 300 feet. The mineralization appears to be associated with hematitic alteration and brecciation in the limestones. The alteration increases locally to the southeast of the drill holes and step-outs in that direction should encounter mineralization, possibly of better grade. Mary and I surface sampled in the area, and the assays could help to confirm that the limestone breccias are mineralized. A sialic shallow intrusive occurs several hundred feet northwest of the mineralized drill holes and appears to be associated with the mineralization.

Geologic mapping, select sampling and limited grid sampling of the large flat to the east of the drill area could very helpful in

defining a hidden ore body if it exists.

The other area in which Minsearch drilled is about a mile southeast of the first area. This second area is near the south end of the ridge, at the southern property boundary. The area contains impressive boulders and outcrops of layered carbonates, or "zebra rock". These hot springs-deposited rocks, according to Mary, carry 0.07 oz/ton gold. Minsearch drilled 8 holes in the area, but never hit the hot springs carbonates. When I reviewed the drilling, it was not surprising that the vertical holes missed the nearly vertical plumbing system for the "zebra rock". The local plumbing control appears to be a N20E high-angle fault which we sampled. This fault appears to have first accommodated steam venting, then the hot-springs system. The distribution of the "zebra rock" suggests that the hidden nearby northwest-trending Basin and Range fault was probably the main plumbing control. The distribution of secondary minerals suggests that the ore-depositing system was active early in the development of the Basin and Range fault and became locally inactive as movement along the fault uplifted the ridge. The main hot springs system would have been on the downdropped (valley) side of the fault, and would now be hidden in the valley.

The hidden fault to the west is an obvious target for an ore body. Limited geological work and two angle holes would help to determine whether a mineralized hot springs system exists in the valley to the west. A shallow angle hole into the plumbing system for the "zebra rock" might also be useful in determining if enough mineralized rock exists on the east side of the fault to be a development target.

From the south end of the ridge, I noticed a low, reddish hill in the distance to the southeast, in the middle of a large alluvial basin which is off of the property. Mary told me that it appears to be composed of altered limestone which has never been sampled. This hill and its surroundings need geological mapping and sampling.

Kennecott Corporation
Exploration
1515 East 100 South
P.O. Box 11248
Salt Lake City, Utah 84147
1) 322-7000
AX (801) 583-3129

Kennecott

May 14, 1990

Ms Mary Barraco
MinSearch, Inc.
11930 Menaul NE, Ste 12
Albuquerque, NM 87112

Dear Mary:

Thanks for bringing the Zebra property to our attention. I had Micky Fulp visit the property and do some sampling and mapping. His results are enclosed.

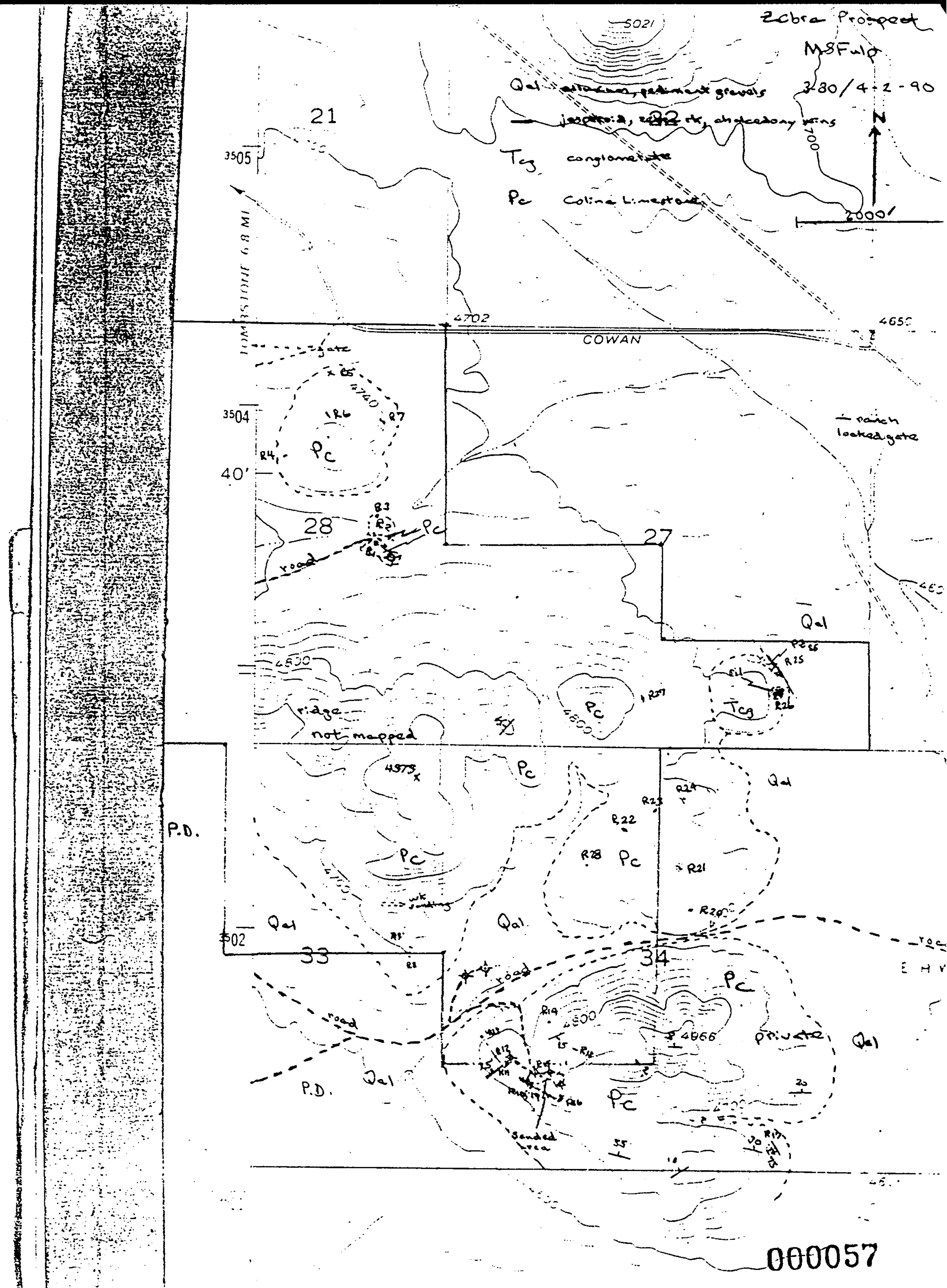
We were unable to come up with a significant target on the property. Although we can't deny the existence of great geochem, it seems that you have drilled the best shots. Frankly, we're at a loss to explain the alteration or its source. If you get any new insights, we'd be happy to look at the property again.

Micky is currently reviewing the rest of your submittals and as soon as he gets done, I will be in touch with you.

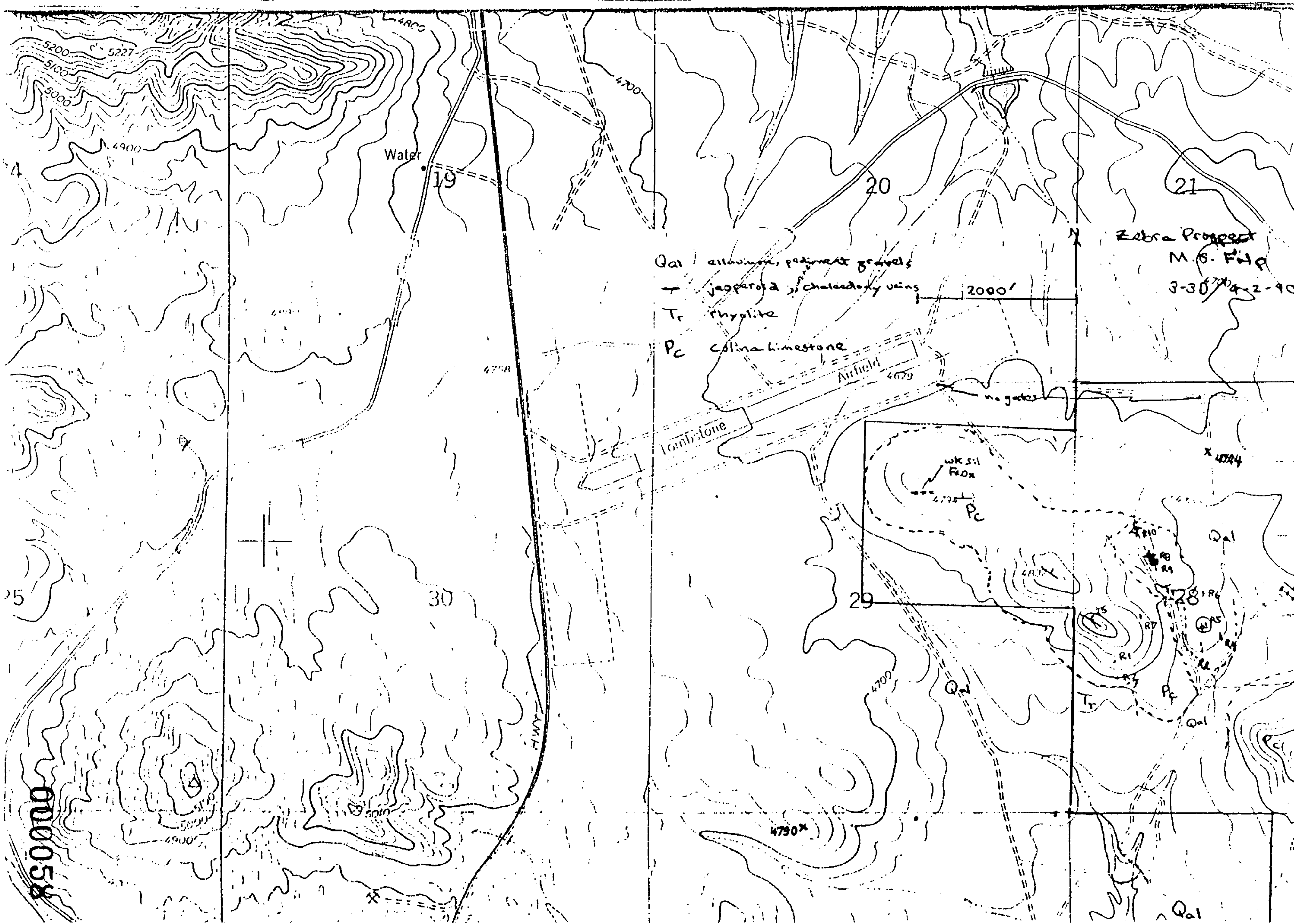
Sincerely,

Linus T. Keating,
Geologist

000056


Zebra Prospect
3-30/4-2-90
Qal alluvium, pediment gravels
Tcg conglomerate
Pc Colina Limestone
N
2000'
5021
21
22
3505
3504
40'
4702
COWAN
gate
Pc
28
27
road
Qal
ridge not mapped
4600
Tcg
4973
P.D.
3502
33
34
private
4866
Sanded area

000057


Zebra Prospect
M.G. F+P
3-30/4-2-90
Qal alluvium, pediment gravels
jasperoid, chalcedony veins
Tr rhyolite
Pc Colina Limestone
2000'
N
no gates
wk sil
FeOx
Pc
Qal
Tr
4724
4790
4700
4800
4900
5000
5100
5200
5227
5010
Water
19
20
21
28
29
30
Tombstone
Airfield
4679
HWY

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SKYLINE LABS, INC.
1775 W. Sahuaro Dr. • P.O. Box 50106
Tucson, Arizona 85703
(602) 622-4836

REPORT OF ANALYSIS

JOB NO. VGN 079A
May 2, 1990
TST R 1 to
HMT R 28

KENNECOTT EXPLORATION
Attn: Mr. Linus Keating
1515 Minerals Square
Salt Lake City, UT 84112

Analysis of 4 Pulp Samples

ITEM	SAMPLE NUMBER	FIRE ASSAY Au (oz/t)	Ag (oz/t)
2	TST R 2	.490	<.01
5	TST R 5	1.615	<.01
7	TST R 7	.395	.06
9	TST R 9	.600	<.01

cc: Mr. Mickey Fulp
Consulting Geologist
2421 Topia SW
Albuquerque, NM 87105

000059

Charles E. Thompson
Arizona Registered Assayer No. 9427

William L. Lehmbeck
Arizona Registered Assayer No. 9425

James A. Martin
Arizona Registered Assayer No. 11122

SKYLINE LABS, INC.
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REPORT OF ANALYSIS

JOB NO. VGN 079
April 18, 1990
TST R 1 to
HMT R 28

KENNECOTT EXPLORATION
Attn: Mr. Linus Keating
1515 Minerals Square
Salt Lake City, UT 84112

Analysis of 40 Rock Chip Samples

ITEM	SAMPLE NUMBER	FIRE ASSAY Au* (ppm)	Bi (ppm)	Te (ppm)	Ag (ppm)	Sb (ppm)
1	TST R 1	.060	<.1	<.1	<.05	.3
2	TST R 2	>10.000**	<.1	<.1	1.80	16.0
3	TST R 3	.350	<.1	<.1	.45	2.3
4	TST R 4	3.400	<.1	<.1	2.00	13.0
5	TST R 5	>10.000**	<.1	<.1	2.10	55.0
6	TST R 6	.650	.2	<.1	.80	3.1
7	TST R 7	>10.000**	<.1	<.1	4.20	18.0
8	TST R 8	2.500	8.5	<.1	.35	3.0
9	TST R 9	>10.000**	1.5	<.1	1.00	13.0
10	TST R 10	2.300	.1	<.1	.05	2.3
11	TST R 11	1.000	<.1	<.1	2.80	5.5
12	TST R 12	.700	<.1	<.1	.40	6.0
13	HMT R 1	.420	<.1	<.1	.55	1.8
14	HMT R 2	.340	<.1	<.1	.55	1.1
15	HMT R 3	.550	<.1	<.1	.30	7.5
16	HMT R 4	.014	<.1	<.1	.65	1.5
17	HMT R 5	.120	<.1	<.1	.05	.6
18	HMT R 6	1.900	<.1	<.1	.10	1.7
19	HMT R 7	.020	<.1	<.1	<.05	9.5
20	HMT R 8	.600	<.1	<.1	2.40	2.9
21	HMT R 9	.700	<.1	<.1	.50	3.6
22	HMT R 10	.220	<.1	<.1	4.00	2.6
23	HMT R 11	3.400	<.1	<.1	2.50	1.8
24	HMT R 12	1.500	<.1	<.1	.40	.5
25	HMT R 13	.034	<.1	<.1	.20	.3

Micky
FIRE A

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ITEM	SAMPLE NUMBER	FIRE ASSAY Au* (ppm)	Bi (ppm)	Te (ppm)	Ag (ppm)	Sb (ppm)
26	HMT R 14	.290	<.1	<.1	.20	.4
27	HMT R 15	.028	<.1	<.1	<.05	.6
28	HMT R 16	1.300	<.1	<.1	.40	1.0
29	HMT R 17	.350	<.1	<.1	3.10	2.2
30	HMT R 18	.390	<.1	<.1	4.20	1.1
31	HMT R 19	.890	<.1	<.1	.60	.5
32	HMT R 20	.004	<.1	<.1	<.05	.7
33	HMT R 21	.034	<.1	<.1	.05	.3
34	HMT R 22	.016	<.1	<.1	<.05	.6
35	HMT R 23	<.002	<.1	<.1	<.05	<.1
36	HMT R 24	.040	<.1	<.1	.05	.2
37	HMT R 25	.070	<.1	<.1	.10	1.1
38	HMT R 26	.050	<.1	<.1	.35	.8
39	HMT R 27	.036	<.1	<.1	.05	.3
40	HMT R 28	.038	<.1	<.1	.10	.3

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JOB NO. VGN 079
April 18, 1990

ITEM	SAMPLE NUMBER	As (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
1	TST R 1	3.0	6.	22.	20.
2	TST R 2	540.0	6.	8.	55.
3	TST R 3	42.0	12.	14.	14.
4	TST R 4	330.0	6.	10.	32.
5	TST R 5	2850.0	10.	10.	20.
6	TST R 6	70.0	6.	12.	14.
7	TST R 7	1150.0	6.	10.	10.
8	TST R 8	280.0	36.	46.	65.
9	TST R 9	750.0	6.	4.	22.
10	TST R 10	165.0	6.	16.	12.
11	TST R 11	70.0	8.	10.	12.
12	TST R 12	55.0	24.	14.	18.
13	HMT R 1	7.0	10.	24.	8.
14	HMT R 2	26.0	4.	22.	10.
15	HMT R 3	60.0	4.	34.	10.
16	HMT R 4	3.0	6.	12.	14.
17	HMT R 5	55.0	<2.	4.	10.
18	HMT R 6	190.0	55.	10.	36.
19	HMT R 7	12.0	26.	6.	14.
20	HMT R 8	105.0	18.	4.	8.
21	HMT R 9	95.0	14.	10.	10.
22	HMT R 10	18.0	16.	14.	8.
23	HMT R 11	80.0	12.	8.	8.
24	HMT R 12	13.0	10.	8.	10.
25	HMT R 13	8.0	10.	2.	10.

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ITEM	SAMPLE NUMBER	As (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
26	HMT R 14	10.0	10.	8.	6.
27	HMT R 15	4.8	6.	8.	14.
28	HMT R 16	340.0	24.	95.	36.
29	HMT R 17	11.0	6.	12.	8.
30	HMT R 18	6.5	8.	6.	6.
31	HMT R 19	32.0	8.	10.	12.
32	HMT R 20	10.0	8.	8.	8.
33	HMT R 21	1.2	8.	6.	6.
34	HMT R 22	1.8	8.	6.	6.
35	HMT R 23	<.2	6.	8.	6.
36	HMT R 24	2.4	8.	4.	4.
37	HMT R 25	3.2	6.	8.	10.
38	HMT R 26	18.0	8.	6.	10.
39	HMT R 27	2.4	6.	4.	4.
40	HMT R 28	2.0	6.	18.	22.

*NOTE: Method of analysis by combination fire assay and atomic absorption.

**NOTE: Fire assay results to follow as VGN 079-A.

cc: Mr. Mickey Fulp
Consulting Geologist
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Albuquerque, NM 87105

REGISTERED ASSAYER
CERTIFICATE NO.
9425
WILLIAM L.
LEHMBECK
ARIZONA U.S.A.

William L. Lehmbeck
Manager

4/18/90

000063