87-307-16093

REDGOLD CLAIMS

BULLDOZER TRENCHING AND INDUCED POLARIZATION SURVEY

Specific Claims Involved:

Shik #1	Record #4331
Shik #2	Record #4332
Redgold #2	Record #7813
Redgold #3	Record #7814
Redgold #4	Record #7817
Shik Fr.	Record #7818

Mining Division: Cariboo

Specific NTS Location: 93A/6W

Latitude: 52° 27.5'N

FILMED

Longitude: 121° 27'W

Owner of Claims: Sedona Resources Corp.

Operator: Sedona Resources Corp.

Author: J. W. Morton

Date: December, 1986.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,093

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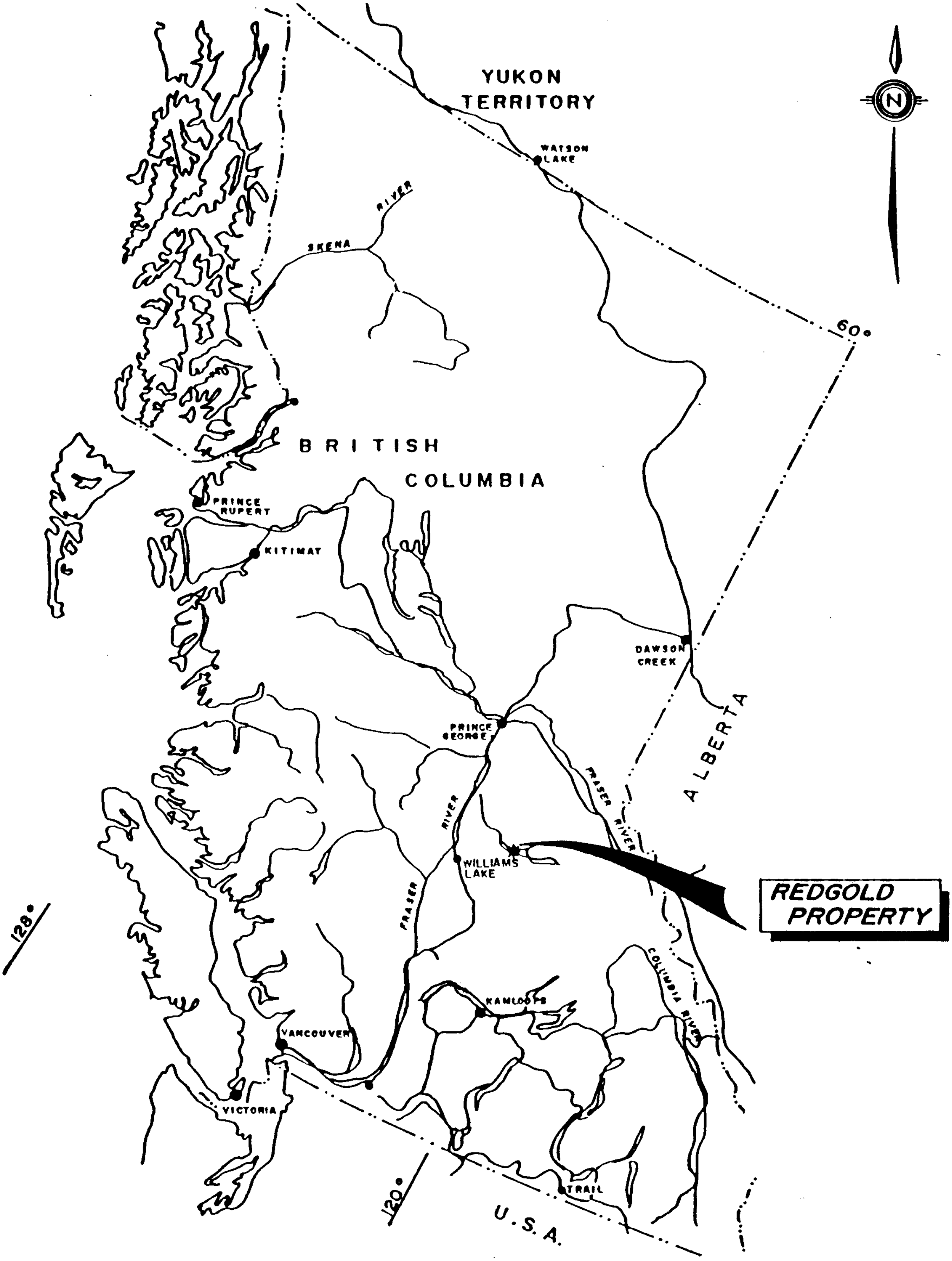


1:6.4 MILLION (APPROX)

0 100 200 300 400 KM

100 miles 0 100 200 miles

FIG.

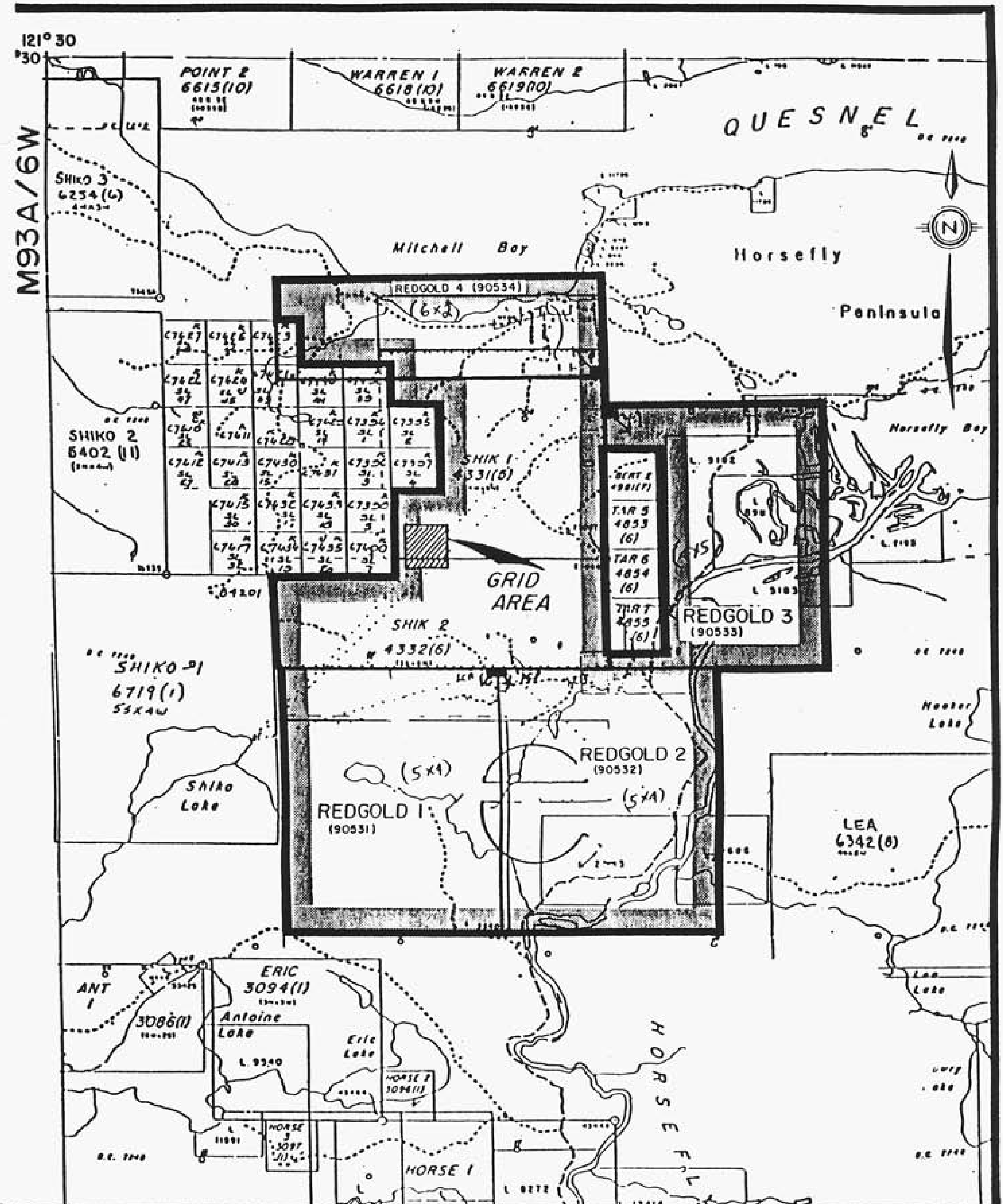
SEDONA RESOURCES CORP.

REDGOLD PROPERTY

LOCATION MAP

NTS: 93A/6W — CARIBOO M.D. OCTOBER 1986

Fig. 1



NTS: 93A/6W

1:50,000

0 500 1000 1500m

CARIBOO M.D.

October, 1986

FIG.

SEDONA RESOURCES CORP.

REDGOLD PROPERTY

CLAIM LOCATION MAP

Fig 2

Location, Access and Physiography

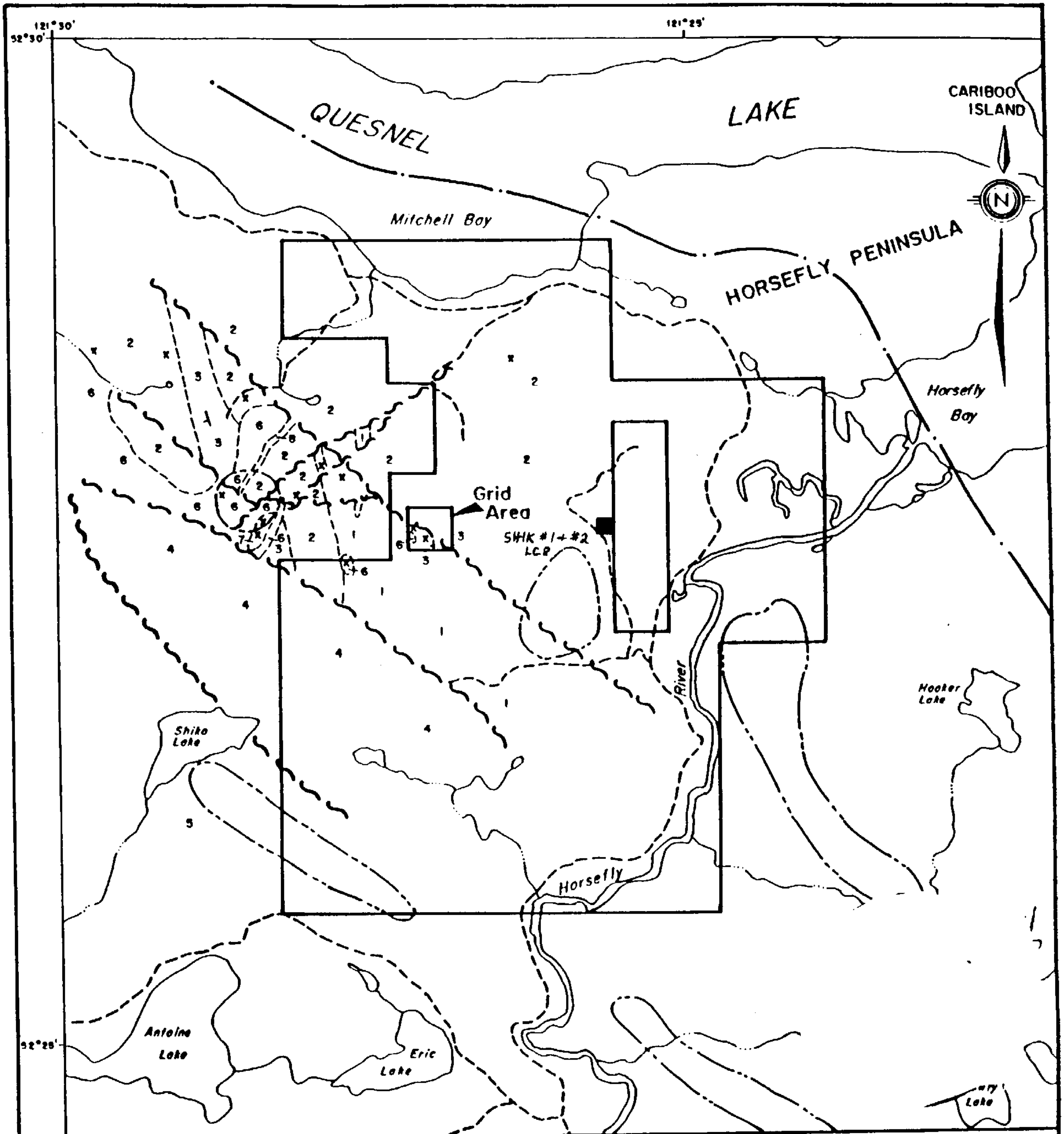
The Redgold property is located approximately sixty kilometers northeast of the town of Williams Lake, at longitude 121°27' west and latitude 52°27' north. The property lies within the Cariboo Mining Division in the northwestern corner of N.T.S. map sheet 93A/6W. The northern border of the property cuts Mitchell Bay, in Quesnel Lake; the eastern boundary follows the Horsefly River.

Access to the property is gained by one hundred kilometers of paved and all-weather gravel road leading from Williams Lake to the village of Horsefly and, subsequently, along the Mitchell Bay Forest Access Road. Clear-cut logging over large portions of the property has allowed excellent summer access to most of the property via spur roads.

The terrain underlying the property is characterized by low rolling hills with elevations ranging from 730 to 1,000 meters. Areas of thick conifer growth are separated by large tracts of clear-cut logged areas which have been burned and are generally clear of impeding debris or second growth.

Property Definition

The most significant single geological structure in the Horsefly area is called the Quesnel Trough. The Quesnel Trough is a Mesozoic Belt to the east and the oceanic deposited rocks of the Paleozoic Cache Creek group to the west. Deposition within the trough has been predominantly by Triassic-Jurassic volcanics and their minor intercalated volcaniclastic sediments. The volcanic pile, in large, is derived from phreatic eruption and submarine laharic activity. Phreatic centers are identified by the presence of comagmatic felsic intrusives (often with a subvolcanic habit). The Quesnel Trough is an extensive feature, thought to have formed by an Upper Triassic to Lower Jurassic active island arc system. It more or less extends from the United States border to the Yukon border where it becomes known as the Whitehorse Trough. Throughout its length, composition of rocks varies between calc-alkaline and distinctly alkaline. In the Horsefly area the trough has a higher alkaline habit. During the late nineteenth century, major placer gold occurrences were worked in several locations within the Horsefly River watershed.



SYMBOLS

- x Copper occurrence
- Road
- Lake, stream
- Property boundary
- Bedding attitude
- Fault-interpreted
- >4500 gamma airborne magnetic high
- Lead edge of regional isomagnetic trend.
- Geologic contact

(Adapted from Fox, 1973)

GEOLOGIC UNITS

INTRUSIVE ROCKS

- 8 Skarn
- 7 Syenitic
- 6 Dioritic

SEDIMENTS

- 5 Limestone

VOLCANICS

- 4 Andesite and related flow breccias
- 3 Laminated tuffaceous sediments
- 2 Massive tuff breccia
- 1 Basalt flows and breccias

SEDONA RESOURCES CORP.

REDGOLD PROPERTY

LOCAL GEOLOGY

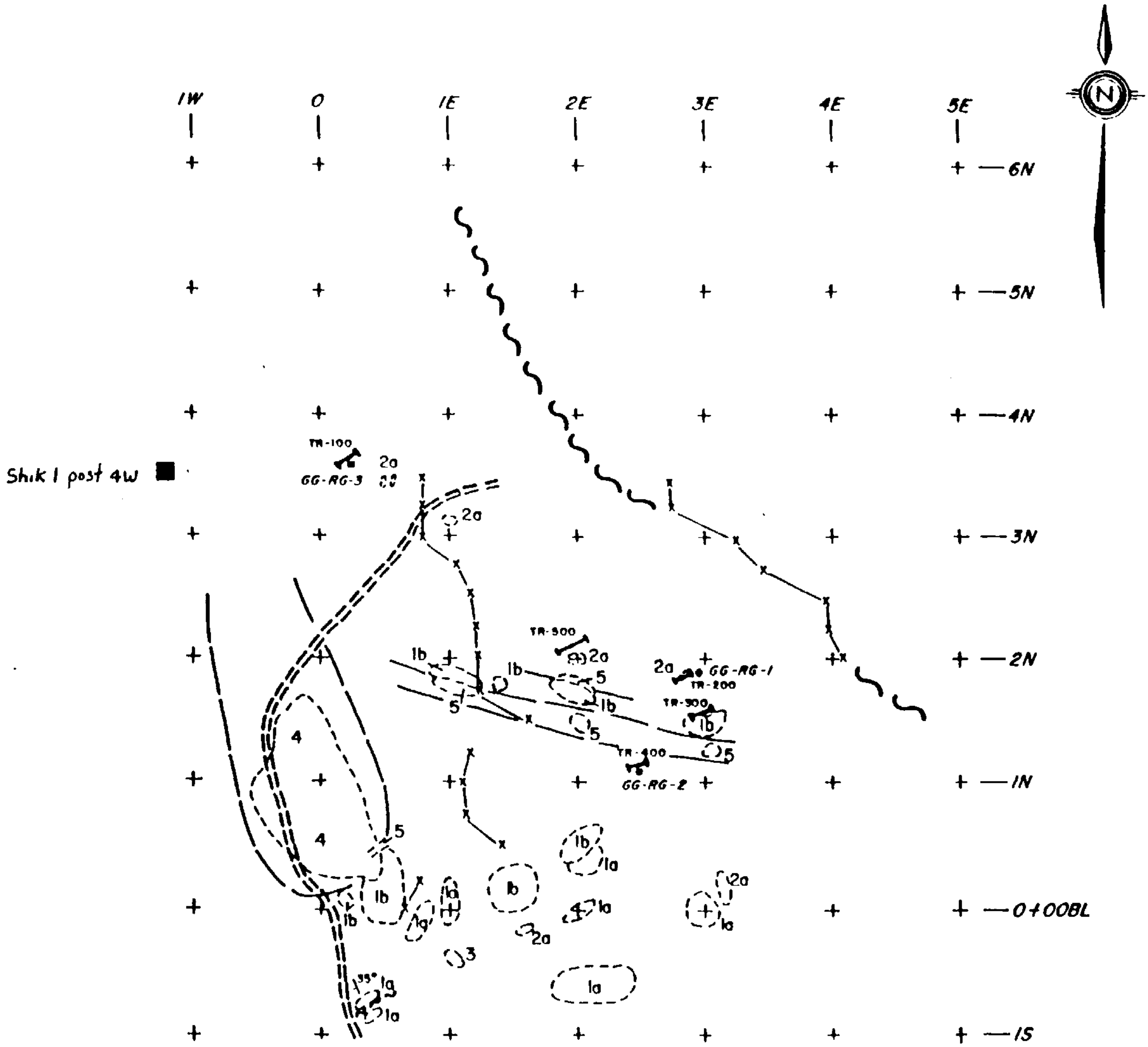
Scale 1:50,000

0 1 2 km

Cariboo M.D.
93A/6W

Fig. 3

October, 1986



SYMBOLS

- GG-RG-3 Chip sample
- GG-RG-1 Grab sample
- TR-100 Trench
- Geologic contact-inferred
- Road
- Outcrop
- Grid Station
- Shear Zone, Fault
- 35° Bedding Attitude
- x——x VLF-EM Cross-over

ROCK TYPES

5	Monzodiorite Dyke
4	Syenodiorite Intrusive Breccia
3	Polylithic Trachyte Debris Breccia
2b	Sheared, Chloritized and Sericitized Lapilli Breccia
2a	Propylitized Lapilli Breccia
1b	Augite-Kspar Porphyry Autobreccia
1a	Augite Porphyry Autobreccia

SEDONA RESOURCES CORP.

REDCOLD PROPERTY

GRID AREA GEOLOGY

Scale 1:5,000

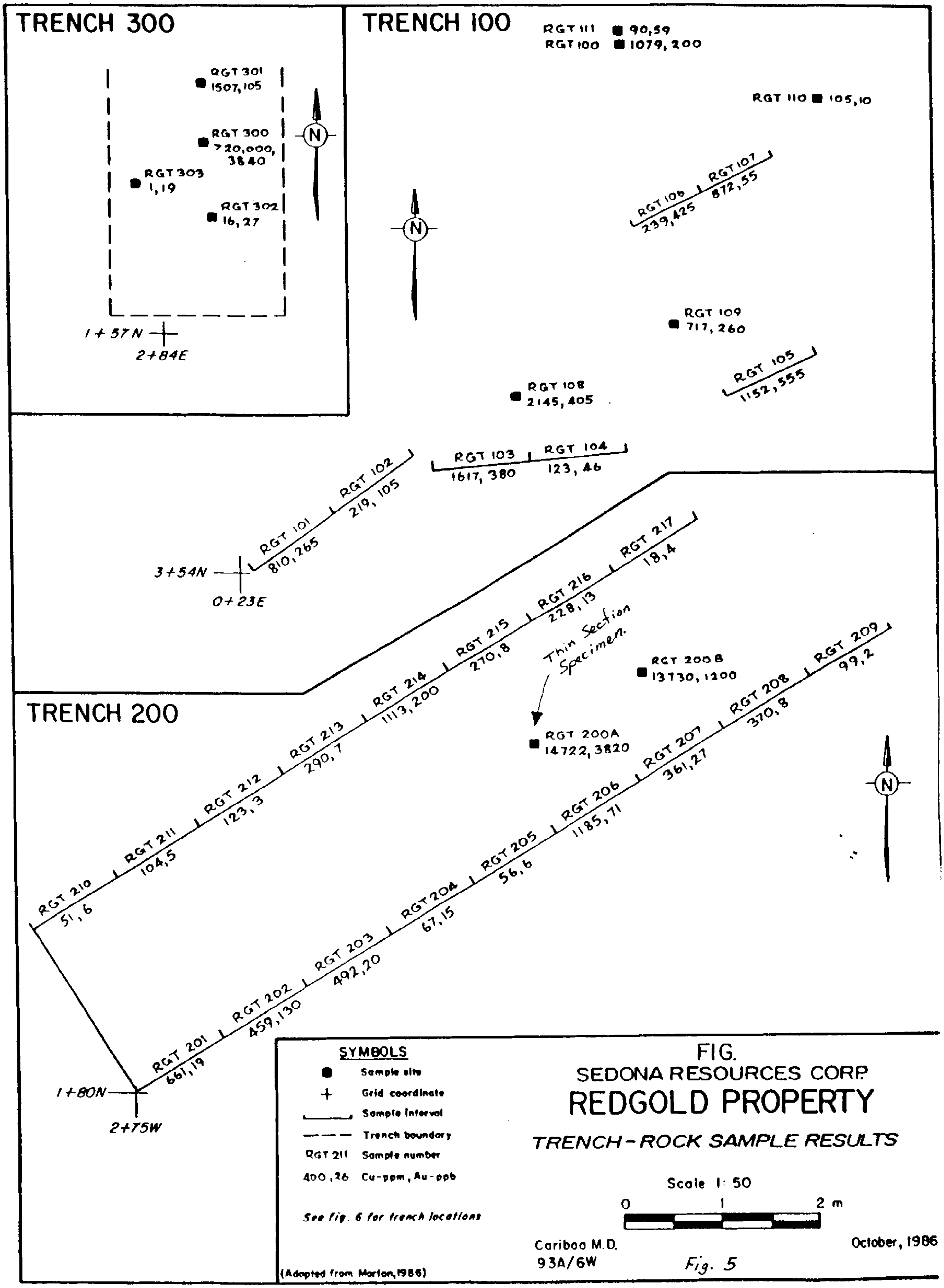
0 100 200m

Cariboo M.D.

October, 1986

Fig. 4

SHIK #1 i.d. Post 4W at 3 + 50N, 1 + 07W.



Property Definition (continued)

At the Redgold property basalts (augite-feldspar-porphyry) have been intruded by a diorite stock and a syenite intrusive breccia. Pervasive propylitic alteration has occurred in the basalts with variable amounts of pyrite and chalcopyrite being deposited. Native gold has been identified within chalcopyrite in fractures in pyrite. Chalcopyrite is not fractured suggesting that it was remobilized during deformation. Grab samples exceeding 8.5 grams per tonne gold have been obtained from propylitically altered sections.

Conclusions and Recommendations

Several moderate to strong chargeability anomalies are indicated in Alan Scott's Induced Polarization Survey Report (1986) which is included as an appendix to this report. Alan Scott notes that these anomalies are significant and warrant further testing. A noticeable northwesterly striking resistivity gradient occurs in the vicinity of trenches 200 and 300 where significant gold values were obtained in 1986. Petrographic analyses of mineralized rock from these trenches suggests that chalcopyrite with native gold has been mobilized into fractured pyrite. The resistivity gradient may reflect a fracture zone and may therefore be significant. Additional trenching should be completed along this gradient.

Itemized Cost Statement

Trenching Program (July 12 - July 22, 1986):	
Bulldozer contract July 19, 1986	$ 720.00
Morton, supervision and sampling, 5 days @ $200/day	1,000.00
Analytical costs - 35 samples @ $14.50/sample	507.00
Vehicle Costs (Vancouver-Williams Lk return plus 3 trips Williams Lk-Property)	375.00
Induced Polarization Survey (Sept 1 - Sept 15, 1986):	
Contract Costs, Alan Scott Geophysicist	5,600.00
Room and Board, 25 man days @ $40/day	1,000.00
Vehicle Costs, (Vancouver-Williams Lk plus 4 trips Horsefly-Quesnel Lk return) 1,500 km @ $0.25/km	375.00
Morton, supervision Sept 1-Sept 5 5 days @ $200/day	1,000.00
Report preparation	500.00
Total	$ 11,077.00

Author's Qualifications

I, JAMES WILLIAM MORTON, CERTIFY THE FOLLOWING:

I graduated from Carleton University, Ottawa, in 1971 with a Bachelor of Science in Geology.

I graduated from the University of British Columbia, Vancouver, in 1976 with a Master of Science in Soil Science.

I have worked for various mining and exploration companies since 1969.

I supervised all of the work described in this report.

J. W. Morton, M.Sc.
Geologist

LOGISTICAL REPORT

INDUCED POLARIZATION SURVEY

REDGOLD PROPERTY

HORSEFLY AREA, B.C.

on behalf of

SEDONA RESOURCES CORPORATION
Suite 501 - 321 Water Street
Vancouver, B.C. V6B 1B8

contact: Mr. Bill Morton
(604) 732 5871

Field work completed: September 1 to 5, 1986

by

Alan Scott, Geophysicist
4013 West 14th Avenue
Vancouver, B.C. V6R 2X3
(604) 228 0237

September 5, 1986

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1. INTRODUCTION

Induced polarization and resistivity surveys were conducted over portions of the Redgold Property, Horsefly Area, B.C. on behalf of Sedona Resources Corporation, in the period September 1 to 5, 1986. The work was performed by Alan Scott, Geophysicist.

The pole dipole electrode array at an "a" spacing of 25 meters, and "n" separations of 1, 2, 3, 4, and 5, was used on the induced polarization survey. The current electrode was to the west of the receiving electrodes on all survey lines.

2. SURVEY LOCATION

The Redgold Property is located some 10 kilometers north of Horsefly, B.C. Access is via the Horsefly River road from Horsefly.

3. SURVEY GRID AND SURVEY COVERAGE

A total of 6.55 line kilometers were surveyed over 11 lines on the Redgold Property. Details of survey coverage are given in the previously submitted production reports.

4. PERSONNEL

Alan Scott operated the IPR-11 receiver. Dave Carr, Ken Moir, Steve Davies and Spencer Robinson made up the survey crew.

Bill Morton was the project geologist on site on behalf of Sedona.

5. INSTRUMENTATION

A Scintrex IPR-11 time domain microprocessor based induced polarization receiver and a Scintrex IPC-7 2.5 kw transmitter were used on the survey. The IPR-11 operates on an alternating square wave transmitted current pulse train, and samples the decay curve at ten semilogarithmically spaced times after cessation of each pulse. A 2 second on/2 second off pulse was used on the survey. The data is continually averaged until the operator is satisfied convergence has occurred, and is filed into solid state memory. The eighth slice (from 690 to 1050 milliseconds after shutoff: midpoint at 870 milliseconds) is the value that has been plotted on the plans and pseudosections.

The survey data was archived, processed, and plotted using a Corona PPC 400 microcomputer running the Scintrex Soft II software. All decay curves were submitted to spectral analysis by a curve matching procedure.

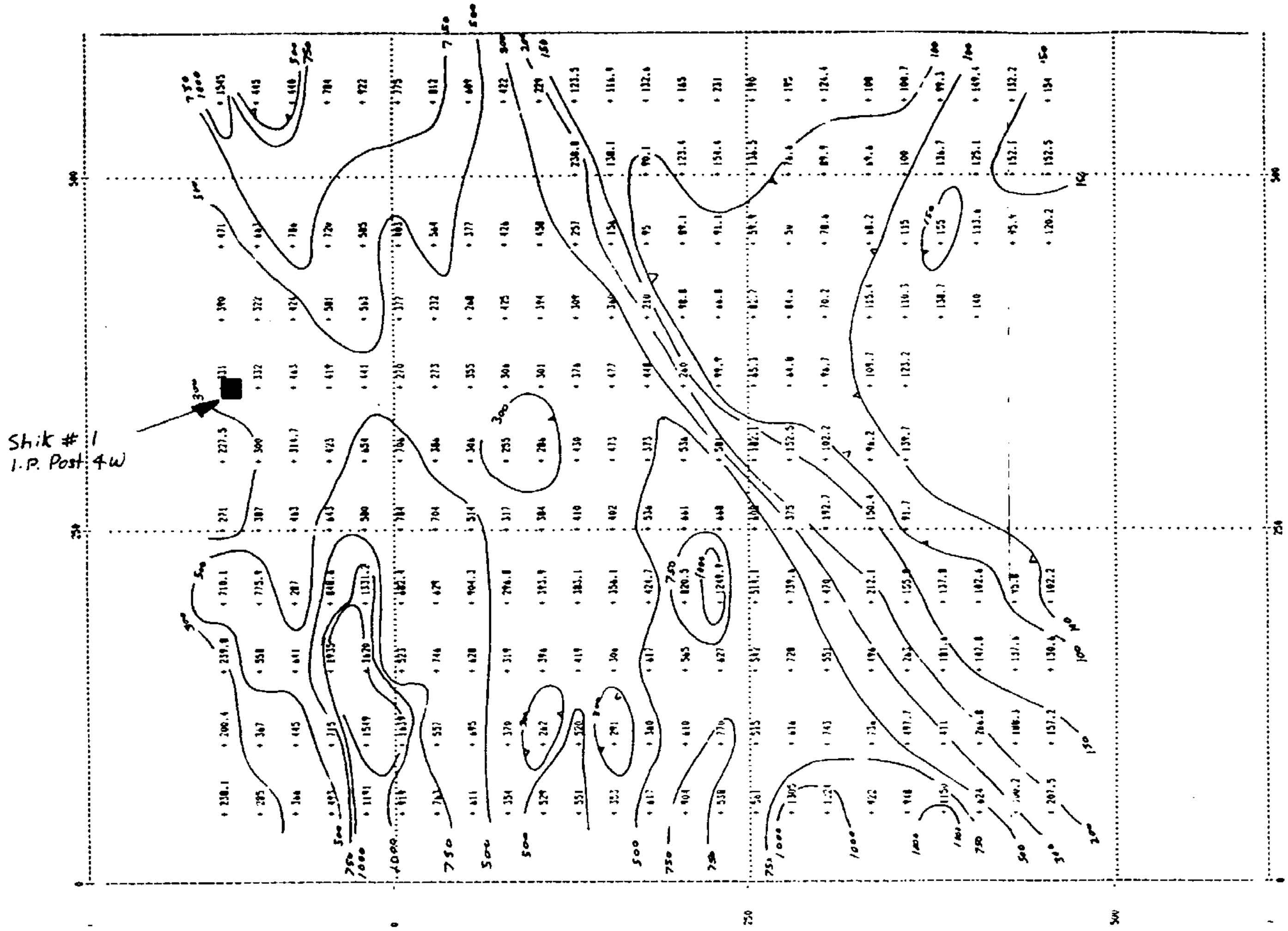
6. RECOMMENDATIONS

A preliminary examination of the results from the IPR11 survey on the Redgold Property indicates the presence of moderate to strong amplitude chargeability highs that merit further investigation.

A detailed interpretation of these results, and correlation to the geological and geochemical data bases, is recommended in order to define specific targets for drilling and/or trenching.

Respectfully Submitted,

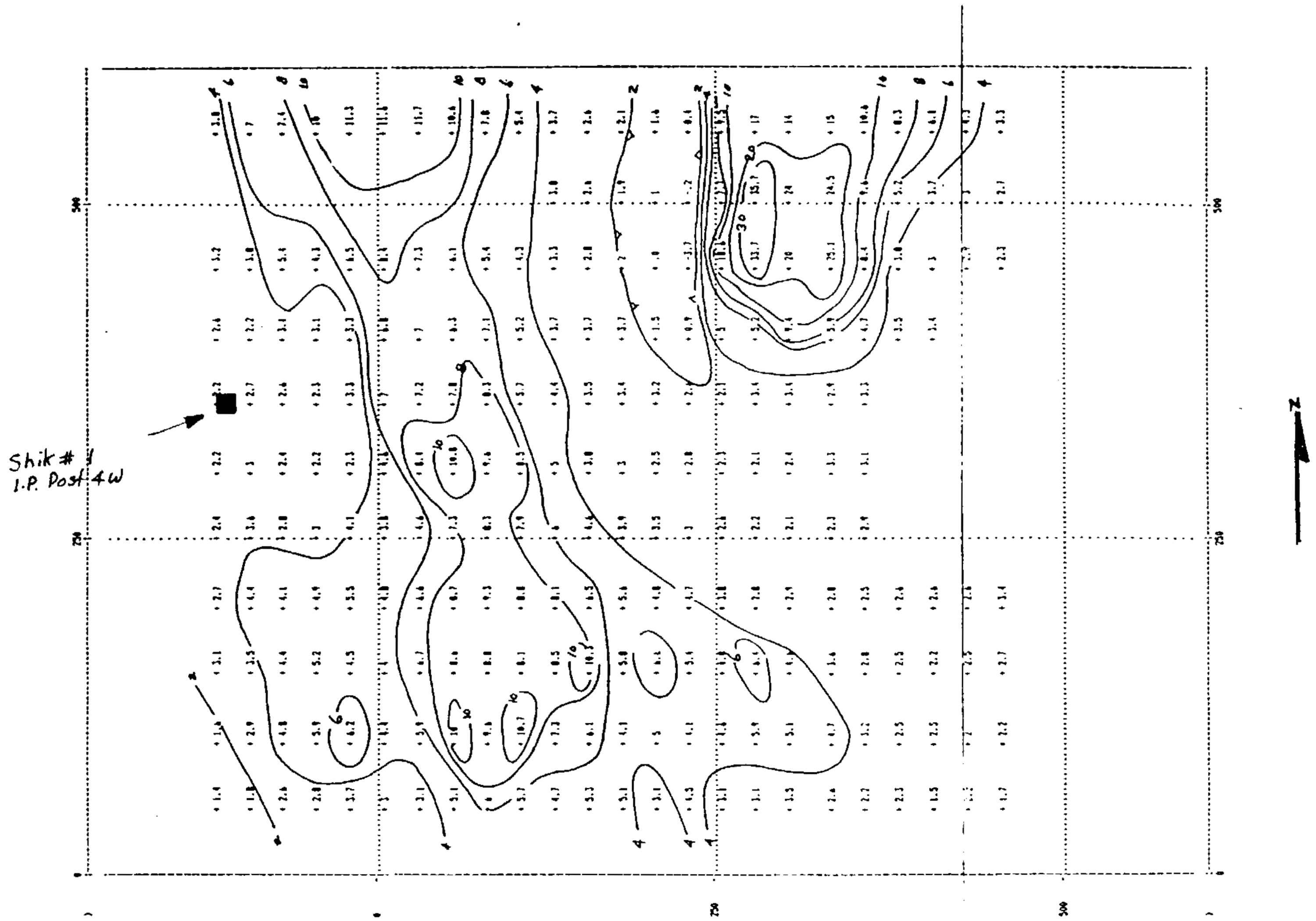
Alan Scott,
Geophysicist



SEDONA RESOURCES CORPORATION
REDGOLD PROPERTY

INDUCED POLARIZATION SURVEY
Array:Pole-dipole C1 pos:W Dir:E A= 25
Field: RES. Sep: 2
1:5000 DATE:September 4, 1986
Scale User:Alan Scott

Resistivity (N=2)



SEDONA RESOURCES CORPORATION
REDGOLD PROPERTY

INDUCED POLARIZATION SURVEY
Array:Pole-dipole CI pos:N Dir:E A= 25
Field: N? Sep: 2
DATE:September 4, 1986
Scale User:Alan Scott

1:5,000

Chargeability (N=2)

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B.C.
Canada V7P 2R5
Phone: (604) 985-0681
Telex: 04-352667

Geochemical Lab Report

REPORT: 128-3769

SAMPLE NUMBER	ELEMENT UNITS	Th PPM	W PPM	U PPM	Yb PPM	Zn PPM
R2 CR-1006		2.5	4	1.2	<5	290
R2 CR-1009		<9.3	<48	<3.8	56	590
R2 JR-2004		<12.0	<250	<13.0	260	<1100
R2 JR-2009A		2.4	<2	1.1	<5	<200
R2 RG-T-100		1.9	<2	2.2	<5	<200
R2 RG-T-200A		1.6	<2	1.6	<5	270
R2 RG-T-200B		1.4	<2	1.9	<5	260
R2 RG-T-300		1.0	<2	2.2	<5	250
R2 WR-9		<0.5	<2	<0.5	<5	<200
R2 WR-10		<0.5	<2	<0.5	<5	<200

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PROJECT: WASHINGTON

SAMPLE NUMBER	ELEMENT UNITS	Ir PPB	Fe PCT	La PPM	Mo PPM	Ni PPM	Rb PPM	Sc PPM	Se PPM	Ag PPM	Ta PPM	Tb PPM
R2 CR-1006		<100	1.3	11	<2	<50	31	2.1	<10	<5	<1	<1
R2 CR-1009		<270	14.0	21	<18	150	79	4.7	<45	<14	<1	[illegible]
R2 JR-2004		<1100	<2.7	<30	<55	<290	<210	<3.7	<150	<48	<5	[illegible]
R2 JR-2009A		<100	1.4	13	<2	<50	41	2.0	<10	<5	<1	[illegible]
R2 RG-T-100		<100	6.6	10	7	52	<10	19.0	<10	<5	<1	[illegible]
R2 RG-T-200A		<100	8.2	10	<2	65	<10	13.0	<10	5	<1	<1
R2 RG-T-200B		<100	6.9	10	<2	83	11	15.0	<10	<5	<1	<1
R2 RG-T-300		<100	9.2	9	17	<50	<10	12.0	<10	11	<1	<1
R2 WR-9		<100	6.6	<5	<2	<50	<10	30.0	<10	<5	<1	<1
R2 WR-10		<100	5.8	<5	<2	<50	<10	6.7	<10	<5	<1	<1

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Canada V7P 2R5
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Telex: 04-352667

BONDAR-CLEGG

Geochemical Lab Report

NEUTRON ACTIVATION

REPORT: 126-3769

PROJECT: WASHINGTON

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Au PPB	Sb PPM	As PPM	Ba PPM	Cd PPM	Cs PPM	Cr PPM	Co PPM	Eu PPM	Hf PPM
R2 CR-1006		28	<5	1.6	168	650	<10	2	<50	<10	<2	4
R2 CR-1009		26	1190	50.3	>30000	770	<74	4	<240	<10	<4	<8
R2 JR-2004		26	4760	>3000.0	8570	<1700	<320	<12	2000	<40	57	<34
R2 JR-2009A		2	14	46.7	445	510	<10	3	<50	<10	<2	[illegible]
R2 RG-T-100		920	200	29.7	37	140	<10	<1	350	27	<2	[illegible]
R2 RG-T-200A		8200	1600	13.0	122	<100	<10	<1	290	200	<2	<2
R2 RG-T-200B		13700	603	8.9	39	<100	<10	<1	330	78	<2	<2
R2 RG-T-300		>20000	3840	6.7	41	<100	<10	<1	240	150	<2	<2
R2 WR-9		192	6	6.6	9	170	<10	2	<50	24	<2	<2
R2 WR-10		53	<5	3.0	5	<100	<10	<1	<50	19	<2	<2

Red gold.

barium depletion with gold.
copper and cobalt association with gold.

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK CHIPS AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: AUG 21 1986 DATE REPORT MAILED: Aug 27/86 ASSAYER. D. Toye .DEAN TOYE. CERTIFIED B.C. ASSAYER.

RELIANT RESOURCES FILE # 86-2192 PAGE 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
CR-1001	4	52	16	50	.6	49	14	479	2.23	489	5	ND	1	135	1	7	2	28	2.75	.095	11	38	.11	30	.01	6	.54	.02	.12	1	19
CR-1002	1	43	2	37	.3	4	5	697	1.94	21	5	ND	1	50	1	26665✓	2	3	2.22	.004	2	2	1.01	1	.01	8	.12	.01	.06	1	1040
CR-1004	1	30	4	56	.1	3	7	630	2.91	153	5	ND	1	27	1	296	2	27	.46	.040	2	4	.79	51	.11	2	1.26	.01	.08	1	18
CR-1005	1	10	2	30	.1	3	5	287	1.24	43	5	ND	1	13	1	1088	2	22	.63	.049	2	3	.43	8	.18	3	.82	.03	.02	1	3
CR-1006	5	31	19	406	.5	1	6	130	16.06	151690✓	5	2	1	21	9	42	17	9	.09	.036	2	1	.04	50	.01	6	.29	.01	.11	1	1870
CR-1007	1	93	9	159	.3	8	15	1821	4.63	506	5	ND	1	61	1	25	2	41	1.75	.053	5	6	.61	44	.01	6	1.16	.03	.12	1	13
CR-1008	1	86	6	113	.2	1	5	318	5.60	2207	5	ND	1	25	1	3	2	2	.14	.066	6	1	.30	47	.01	6	.75	.04	.13	1	16
CR-1010	1	100	9	30	.4	4	7	127	4.38	1003	5	ND	1	27	1	17	2	23	.04	.018	2	4	.17	36	.01	8	.58	.04	.10	1	4
CR-1012	1	7	6	83	.7	10	11	1546	4.60	4838	6	ND	4	27	1	7	2	54	11.88	.032	2	14	.32	76	.01	7	.17	.01	.08	1	195
CR-1013	1	45	252	425	3.2	6	14	758	5.17	5307	5	ND	1	14	11	99	3	16	.31	.041	4	5	.14	49	.01	6	.57	.01	.15	29	1330
CR-1111	1	142	3	53	.2	8	20	1711	4.10	134	5	ND	3	65	1	2	2	120	8.35	.022	2	21	2.30	22	.14	6	3.09	.01	.04	1	7
CR-1112	1	13	11	83	.1	4	5	859	3.09	77	5	ND	1	6	1	13	2	16	.17	.050	6	4	.47	19	.03	3	.92	.05	.03	1	4
JR-2001	1	60	5	146	.3	16	12	378	4.00	40	5	ND	2	9	1	2	2	48	.17	.049	8	24	1.14	44	.04	3	2.07	.02	.14	1	1
JR-2005	1	50	8	95	.2	8	15	1043	4.35	32	5	ND	1	34	1	2	2	84	2.91	.072	2	14	1.43	71	.22	3	2.42	.13	.34	1	2
JR-2007	1	59	17	137	.8	2	13	916	3.59	7975	5	ND	1	133	1	7217✓	4	9	.70	.075	2	4	.06	64	.01	12	.39	.01	.14	1097	410
JR-2008	1	111	31	117	.7	8	11	619	2.81	14917	5	6	1	62	1	7707✓	3	6	.76	.032	2	2	.21	10	.01	9	.20	.01	.10	21	5050✓
JR-2009	1	9	9	99	.2	3	4	886	3.22	81	5	ND	1	35	1	44	2	10	1.75	.089	2	2	.72	50	.16	4	1.81	.01	.09	36	8
JR-2010	2	42	8	128	.4	22	13	979	3.02	595	7	ND	2	122	1	29	2	38	3.94	.077	4	25	1.33	28	.01	6	.97	.01	.14	1	39
JR-2011	1	13	6	76	.3	2	9	940	3.31	134	5	ND	1	49	1	4	3	41	3.74	.051	4	4	.71	32	.06	8	1.33	.04	.07	3	20
JR-2012	1	41	4	30	.2	5	7	729	2.57	25	5	ND	2	141	1	3	2	32	6.78	.015	2	3	.91	24	.01	3	.74	.03	.05	1	3
JR-2013	3	45	6	70	.2	16	9	204	3.04	176	5	ND	2	18	1	5	2	47	.10	.031	2	20	.64	48	.04	4	1.25	.03	.22	1	4
JR-2014	3	372	7	187	.4	4	57	2000	13.70	361	5	ND	1	12	1	2	14	135	.11	.064	2	6	3.18	38	.01	2	3.48	.01	.14	1	7
JR-2014A	2	278	7	72	1.1	6	22	470	10.73	767	5	ND	1	25	1	4	4	43	.10	.067	4	6	.49	24	.01	5	.95	.02	.11	1	44
MR-3002	1	50	10	95	.3	6	12	923	3.32	21	5	ND	1	77	1	2	2	61	3.47	.074	2	6	.93	61	.09	5	2.51	.22	.13	1	8
MR-3003	1	43	10	84	.2	6	14	848	4.80	46	5	ND	1	40	1	2	2	106	1.09	.056	2	9	1.77	60	.08	7	2.44	.12	.16	1	10
MR-3004	2	193	4	51	.6	8	25	445	6.24	418	5	ND	1	13	1	2	2	59	.18	.104	4	12	.68	47	.01	3	1.23	.02	.23	1	15
RG-T-100	9	1079	15	53	1.0	46	70	339	1.52	30	5	ND	2	143	1	2	2	24	5.01	.154	2	29	1.94	10	.09	5	.35	.01	.01	1	200
RG-T-200A	2	14722✓	61	244	11.2	35	304	285	2.98	116	5	4	1	364	2	2	2	38	1.77	.135	2	35	.14	14	.09	8	.08	.01	.01	1	3820
RG-T-200B	2	18730✓	62	246	5.1	25	55	268	2.75	17	5	ND	1	231	2	2	2	38	3.20	.138	2	30	.22	12	.11	7	1.21	.01	.01	1	1200
RG-T-300	10	12447✓	28	254	4.3	39	114	360	2.75	14	5	2	1	270	1	2	2	55	2.23	.121	2	62	.44	24	.15	6	1.18	.01	.01	1	2200
MR-1	1	279	58	144	5.4	12	24	779	6.75	812	5	2	1	47	1	10	96	32	.16	.089	5	8	.62	50	.01	4	1.82	.03	.20	1	18500✓
MR-2	1	248	9	110	.4	11	16	623	4.60	30	5	ND	1	83	1	2	2	97	1.76	.052	2	13	1.27	76	.14	5	3.95	.41	.29	1	90
MR-3	4	103	10	74	.2	7	9	394	2.56	15	5	ND	1	77	1	2	2	65	.84	.039	2	13	.86	97	.11	3	2.51	.26	.32	1	15
MR-4	22	86	2	42	.3	10	12	264	2.66	2	5	ND	1	121	1	2	2	84	2.45	.068	2	13	.52	58	.13	2	3.71	.43	.19	1	1
MR-5	1	69	7	154	.3	14	20	873	4.77	12	5	ND	1	97	1	2	2	151	1.88	.040	2	26	1.41	173	.22	5	3.86	.51	.67	1	2
MR-6	12	2320	3	100	1.7	17	13	451	3.54	15	5	ND	1	49	1	2	2	73	.94	.080	9	39	1.45	369	.02	5	1.49	.05	.10	1	21
STD C/AU 0.5	21	65	43	135	7.1	66	30	1090	3.92	42	21	8	32	47	18	17	17	62	.48	.108	34	59	.88	174	.08	36	1.73	.06	.13	12	500

Redgold.

✓ Assay required for correct result

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H20 AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
\- SAMPLE TYPE: ROCK CHIPS AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: JULY 23 1986 DATE REPORT MAILED: July 25/86 ASSAYER.. D Toye. DEAN TOYE. CERTIFIED B.C. ASSAYER.

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SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
101	2	810	10	125	.7	43	17	857	2.16	17	5	ND	1	232	1	2	2	72	2.98	.183	2	81	1.06	22	.18	5	1.37	.05	.02	1	265
102	3	219	12	75	.3	52	15	723	1.77	16	5	ND	1	199	1	2	2	55	2.40	.196	3	74	.90	21	.15	3	1.11	.04	.02	1	105
103	4	1617	13	109	1.0	75	39	1038	2.19	13	5	ND	1	81	1	2	2	50	1.71	.188	2	99	.80	27	.15	4	.93	.05	.03	1	380
104	4	123	15	81	.1	69	25	985	2.20	17	5	ND	1	92	1	2	2	52	1.63	.176	2	92	.82	26	.13	3	1.02	.05	.02	1	46
105	5	1152	29	207	1.9	53	22	488	1.47	82	5	ND	1	135	1	3	2	38	2.31	.167	2	34	.46	27	.12	3	.68	.04	.02	1	555
106	4	239	14	296	.6	43	69	614	1.56	17	5	ND	1	143	1	2	2	45	1.80	.171	3	42	.22	20	.14	3	.89	.03	.02	1	425
107	3	872	22	278	.4	42	45	583	1.56	18	5	ND	1	155	1	2	2	48	1.83	.179	2	40	.19	17	.15	4	.86	.03	.02	2	55
108	5	2145	20	36	1.4	51	99	656	1.60	21	5	ND	1	106	1	2	2	36	1.90	.153	2	37	.57	13	.12	3	.73	.04	.01	1	405
109	1	717	19	84	.5	42	19	539	1.37	11	5	ND	1	133	1	2	2	38	1.93	.176	2	39	.33	13	.12	4	.75	.03	.01	1	260
110	4	105	8	146	.1	31	33	422	1.20	6	5	ND	1	162	1	2	2	43	1.79	.178	2	46	.25	14	.14	3	.76	.03	.01	1	10
111	2	90	5	124	.1	29	47	621	1.35	9	5	ND	1	129	1	2	3	44	1.84	.169	3	35	.46	17	.14	4	.89	.03	.01	1	54
201	2	661	30	133	.3	178	13	1193	3.62	11	5	ND	1	114	1	2	2	109	1.83	.172	3	216	2.11	31	.21	10	1.97	.06	.04	1	19
202	1	459	13	159	.3	137	18	972	3.38	14	5	ND	1	109	1	2	2	105	1.63	.194	2	227	1.71	29	.18	9	1.56	.06	.06	1	130
203	1	492	11	130	.2	62	6	573	1.64	7	5	ND	1	237	1	2	3	64	3.06	.163	2	93	.62	14	.15	6	1.43	.04	.02	2	20
204	1	67	12	48	.1	59	5	518	1.67	9	7	ND	1	213	1	2	2	68	2.51	.171	2	110	.72	13	.18	6	1.28	.04	.03	1	15
205	1	56	9	77	.2	83	7	679	2.47	9	5	ND	1	139	1	2	2	87	2.00	.169	2	171	1.27	36	.18	8	1.41	.09	.07	2	6
206	1	1185	9	128	.5	46	15	543	2.01	10	7	ND	1	242	1	3	2	71	3.06	.144	2	112	.74	33	.17	6	1.24	.08	.04	1	71
207	1	361	10	137	.2	102	10	1027	4.24	15	6	ND	1	59	1	3	2	118	2.59	.168	4	238	1.89	41	.17	18	2.05	.08	.06	2	27
208	1	370	6	135	.2	109	11	1291	4.55	14	5	ND	1	63	1	2	2	122	2.31	.174	3	241	2.16	42	.17	12	2.15	.08	.05	3	8
209	2	99	4	90	.1	106	10	1078	3.81	14	9	ND	1	63	1	2	2	126	2.43	.158	5	219	2.27	54	.19	10	2.19	.07	.08	2	2
210	1	51	12	67	.2	40	5	534	1.70	9	5	ND	1	367	1	2	2	61	3.75	.144	2	84	.81	15	.14	7	1.32	.05	.02	1	6
211	1	104	13	128	.1	113	9	1142	3.25	8	5	ND	1	136	1	2	2	96	2.32	.157	2	188	1.81	29	.16	12	2.01	.06	.04	1	5
212	2	123	9	106	.1	127	9	1024	3.96	18	5	ND	1	87	1	2	2	121	2.57	.156	4	230	2.01	38	.20	19	2.31	.07	.04	2	3
213	1	290	7	114	.2	37	6	769	2.53	6	5	ND	1	156	1	2	2	61	1.72	.122	4	67	1.18	53	.13	9	1.56	.07	.07	2	7
214	1	1113	27	274	.8	52	24	808	2.19	17	5	ND	1	143	1	2	2	56	2.61	.119	5	67	1.22	67	.13	7	1.63	.07	.09	1	200
215	1	270	7	94	.1	75	8	867	3.51	10	5	ND	1	72	1	2	2	114	2.39	.160	4	231	1.66	87	.20	13	1.89	.11	.08	1	8
216	1	228	9	109	.1	78	11	836	2.66	10	5	ND	1	154	1	2	2	76	2.39	.133	2	141	1.41	47	.15	9	1.74	.06	.06	2	13
217	1	18	7	104	.1	118	10	1114	3.93	8	8	ND	1	84	1	2	2	122	2.75	.163	3	237	2.26	46	.21	13	2.04	.08	.07	1	4
301	1	1570	7	193	.9	55	35	404	2.15	16	8	ND	1	538	1	5	2	61	2.58	.154	3	48	.66	9	.16	9	1.27	.04	.01	2	105
302	1	27	4	49	.1	40	4	484	1.49	6	5	ND	1	261	1	2	2	66	4.36	.133	2	82	.53	10	.16	11	1.74	.05	.01	2	16
303	1	19	14	118	.1	140	10	951	3.29	10	11	ND	1	211	1	3	2	110	3.34	.181	2	209	2.15	21	.20	17	2.40	.07	.02	2	1
401	1	495	14	122	.4	114	8	886	4.19	11	5	ND	1	95	1	2	2	124	2.81	.159	4	270	2.04	52	.22	18	1.91	.08	.04	2	47
402	1	14	12	55	.2	13	9	693	4.39	13	5	ND	1	135	1	2	2	152	2.95	.155	5	16	1.43	90	.21	15	1.68	.08	.08	1	12
501	1	29	3	52	.1	96	7	662	3.01	14	5	ND	1	90	1	2	2	105	2.45	.166	3	198	1.57	77	.18	13	1.71	.08	.08	1	1
502	2	76	7	24	.1	59	4	492	2.17	8	5	ND	1	114	1	2	2	80	5.14	.158	3	161	.94	36	.19	6	1.10	.07	.07	1	2
STD C/AU-0.5	21	59	39	138	7.0	72	29	1116	3.98	41	21	7	34	48	18	15	19	69	.48	.106	36	59	.89	182	.08	36	1.72	.08	.14	14	480

Red gold.

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	Hg PPB
1+50E 146N	1	28	12	90	.1	74	13	838	2.59	5	5	ND	2	148	1	2	2	96	7.98	.169	3	226	1.07	25	.17	14	2.04	.08	.02	1	1	-
1+50E 2+60N	2	44	32	87	.2	79	38	837	2.48	10	6	ND	2	190	1	2	2	88	4.61	.159	2	150	1.13	53	.19	10	1.49	.07	.05	1	50	-
1+50E 1+43N	7	1473	17	134	1.6	60	133	653	2.68	11	5	ND	2	206	1	2	2	78	4.69	.174	2	143	.50	78	.18	6	.91	.05	.04	1	205	-
1+50E 1+00N	2	321	2	70	.5	85	26	929	2.34	9	11	ND	1	129	1	3	2	79	3.11	.183	2	158	.84	88	.21	7	.84	.05	.07	1	35	-
1+55E 1+00N	1	597	9	69	.7	108	16	832	2.76	2	5	ND	2	108	1	2	2	78	2.73	.176	2	190	1.45	316	.19	9	1.06	.07	.09	1	40	-
145E 1+00N	2	1392	7	81	2.9	132	13	1091	3.69	9	5	ND	1	97	1	3	2	111	2.63	.175	2	201	1.52	160	.22	6	1.32	.10	.19	1	140	-
BK 480E 90N	1	90	7	74	.3	19	23	927	5.25	2	5	ND	2	78	1	2	2	197	4.06	.122	6	52	2.20	87	.18	9	1.75	.13	1.04	1	1	34000
BK 550E 160N	1	109	9	91	.3	46	22	1490	4.66	6	5	ND	3	145	1	2	2	114	13.51	.076	6	71	2.08	40	.01	13	2.06	.09	.15	1	1	800
A-6	4	315	4	34	.3	31	10	335	7.35	13	5	ND	2	78	1	2	2	152	.64	.204	9	92	1.46	25	.30	6	1.43	.09	.18	1	90	-
A-11-B	1	164	4	39	.1	119	23	465	3.75	4	5	ND	3	81	1	9	2	129	1.69	.223	10	162	2.88	365	.27	5	1.97	.25	1.20	1	12	-
RE-4 313E	1	12	4	107	.1	60	16	805	3.34	2	6	ND	1	204	1	2	2	94	1.91	.109	4	86	2.10	32	.30	6	2.12	.09	.03	1	13	-
SHELLEN	2	14	2	54	.1	6	15	677	3.74	2	6	ND	1	9	1	3	4	12	.23	.013	2	4	.54	18	.02	5	.84	.07	.12	1	1	-
STD C/AU-0.5	20	62	39	142	7.0	74	29	1150	3.96	39	21	8	35	49	19	16	19	71	.48	.109	38	62	.88	187	.09	38	1.72	.09	.13	15	510	-

SEDONA RESOURCES FILE # 86-1611

Red gold.

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	Hg PPB
1+50E 146N	1	28	12	90	.1	74	13	838	2.59	5	5	ND	2	148	1	2	2	96	7.98	.169	3	226	1.07	25	.17	14	2.04	.08	.02	1	1	-
1+50E 2+60N	2	44	32	87	.2	79	38	837	2.48	10	6	ND	2	190	1	2	2	88	4.61	.159	2	150	1.13	53	.19	10	1.49	.07	.05	1	50	-
1+50E 1+43N	7	1473	17	134	1.6	60	133	653	2.68	11	5	ND	2	206	1	2	2	78	4.69	.174	2	143	.50	78	.18	6	.91	.05	.04	1	205	-
1+50E 1+00N	2	321	2	70	.5	85	26	929	2.34	9	11	ND	1	129	1	3	2	79	3.11	.183	2	158	.84	88	.21	7	.84	.05	.07	1	35	-
1+55E 1+00N	1	597	9	69	.7	108	16	832	2.76	2	5	ND	2	108	1	2	2	78	2.73	.176	2	190	1.45	316	.19	9	1.06	.07	.09	1	40	-
145E 1+00N	2	1392	7	81	2.9	132	13	1091	3.69	9	5	ND	1	97	1	3	2	111	2.63	.175	2	201	1.52	160	.22	6	1.32	.10	.19	1	140	-
BK 480E 90N	1	90	7	74	.3	19	23	927	5.25	2	5	ND	2	78	1	2	2	197	4.06	.122	6	52	2.20	87	.18	9	1.75	.13	1.04	1	1	34000
BK 550E 160N	1	109	9	91	.3	46	22	1490	4.66	6	5	ND	3	145	1	2	2	114	13.51	.076	6	71	2.08	40	.01	13	2.06	.09	.15	1	1	800
A-6	4	315	4	34	.3	31	10	335	7.35	13	5	ND	2	78	1	2	2	152	.64	.204	9	92	1.46	25	.30	6	1.43	.09	.18	1	90	-
A-11-B	1	164	4	39	.1	119	23	465	3.75	4	5	ND	3	81	1	9	2	129	1.69	.223	10	162	2.88	365	.27	5	1.97	.25	1.20	1	12	-
RE-4 313E	1	12	4	107	.1	60	16	805	3.34	2	6	ND	1	204	1	2	2	94	1.91	.109	4	86	2.10	32	.30	6	2.12	.09	.03	1	13	-
SHELLEN	2	14	2	54	.1	6	15	677	3.74	2	6	ND	1	9	1	3	4	12	.23	.013	2	4	.54	18	.02	5	.84	.07	.12	1	1	-
STD C/AU-0.5	20	62	39	142	7.0	74	29	1150	3.96	39	21	8	35	49	19	16	19	71	.48	.109	38	62	.88	187	.09	38	1.72	.09	.13	15	510	-

RG-200 Epidote-(Diopside) Skarn with Sulfide-bearing band containing Chalcopyrite-Pyrite-(Tetrahedrite-Gold)

The sample is a fine-grained skarn dominated by epidote with scattered fine to medium grains of diopside. Near one end is a band containing abundant sulfide patches intergrown with silicates. Sulfides are dominated by chalcopyrite and pyrite, with lesser tetrahedrite. Minor native gold occurs with chalcopyrite in fractures in pyrite. The rock is moderately to strongly brecciated and granulated; slufides were present during brecciation, with pyrite fracturing and Cu-bearing sulfides recrystallizing in place and into fractures in pyrite.

epidote	70-75%
diopside	10-15
chalcopyrite	4- 5
pyrite	2- 3
tetrahedrite	0.5
native gold	trace
covellite	0.3
quartz	minor
hematite/magnetite	0.1

The rock is dominated by anhedral, fine-to locally medium-grained epidote in granular aggregates. Locally, epidote is recrystallized to coarser grained aggregates containing some prismatic grains.

Diopside forms subhedral prismatic to equant grains averaging 0.3-1 mm in size.

Intergrown with epidote and diopside are relic, corroded grains and clusters of hematite/magnetite averaging 0.05-0.15 mm in size.

Sulfides are concentrated near one end as irregular patches intimately intergrown with silicates. Pyrite forms anhedral grains up to 1 mm in size. These are strongly fractured, with fractures filled in part by chalcopyrite. Chalcopyrite forms anhedral patches up to 2 mm across. It is very slightly altered along borders of patches to extremely fine-grained covellite. Tetrahedrite occurs with chalcopyrite and pyrite as clusters of anhedral grains up to 0.5 mm across. Intergrown with tetrahedrite are wispy lenses of chalcopyrite. Tetrahedrite is moderately altered along grain borders to covellite.

Quartz occurs locally as very fine grains interstitial to aggregates of chalcopyrite and pyrite where they are in contact with silicates.

Native gold occurs with chalcopyrite as grains up to 0.01 mm in size within fractures in pyrite. Most grains are elongated parallel to the fracture. Native gold is pale yellow indicating a moderate silver content.

The rock is strongly brecciated along irregular seams and to a lesser extent pervasively. Silicates are granulated into extremely fine-grained aggregates. Pyrite is fractured along a series of sub-parallel to irregular fractures. Copper sulfides do not show fractures; they were recrystallized during deformation, and some chalcopyrite was remobilized into fractures in pyrite.