TABLE OF CONTENTS

FIGURES

APPENDICES

SUMMARY

The Oropex Minerals property is located in the Shootamook Creek area of the Wolf Lake Map Sheet (NTS 105 B 10, 11, 14 and 15). Shootamook Creek is a tributary of Scurvy Creek approximately 55 miles (92 Km.) north of Rancheria Lodge situated at Mile 710 (Km. 1143) of the Alaska Highway.

The property is underlain by Late Proterozoic to Early Cambrian meta-sediments. These sediments have been deformed in at least three phases. The first of these apparently resulted in east to northeast axial plane folds. The second phase resulted in west or southwest axial plane folds. Third phase folds are open folds inferred to be related to the intrusion of the Marker Lake batholith and the Cabin Creek and Gravel Creek stocks of late Early Cretaceous age.

Exploration work on the Oropex Minerals property was performed from September 10, 1989 to October 21, 1989. This work can be divided into two categories: work directed at the entire property area and work directed at the Winnie Showing area.

Property Area Exploration

- Regional stream sediment and rock sampling
- Regional geological mapping
- Blast hole trenching and sampling

Winnie Showing Area Exploration

- Soil sampling and VLF-EM surveys
- Geological mapping, trenching and sampling
- Relogging and sampling of previously drilled diamond drill holes

INTRODUCTION

From September 10, 1989 to October 21, 1989, the writer supervised an exploration program on the large Oropex Minerals property. The object of this report is to summarize the information obtained from the program. Of central importance are the 12 figures on which data have been assembled.

LOCATION, ACCESS AND CLAIMS

The Oropex Minerals Inc. property is located in the Shootamook Creek area of NTS Map Sheets 105 B 10, 11, 14 and 15 in the Watson Lake Mining District, Yukon. Shootamook Creek is a tributary of Scurvy Creek approximately 55 miles (92 Km.) north of Rancheria Lodge situated at Mile 710 (Km. 1143) of the Alaska Highway. Access to the property during the 1989 exploration program was by helicopter. As the exploration program was being completed, an airstrip was under construction on the property (See Figure 3).

Oropex Minerals Inc. has an option on 288 claims in 6 claim blocks called the Matt, Hugh, Bud, Sam, Sid and Ron (See Figures 1 and 2). Other claims in the area are owned by Yukon Yellow Metal Exploration Ltd. and Mel Holloway, the president of Oropex. All claims in the area are in good standing at this time.

HISTORY

The history of the Oropex Minerals Inc. property was completely described by the writer in the qualifying report. The reader is

referred to this report.

REGIONAL GEOLOGY

The geology of the Gravel Creek (105 B 10) and Irvine Lake (105 B 11) map sheets was mapped at 1 : 50,000 scale by Donald Murphy during the summer of 1987. This work has recently been released as Open File 1988 - 1.

Mr. Murphy's work has shown that the Oropex Minerals property is underlain by Late Proterozoic to Early Cambrian meta-sediments. These sediments have been deformed in at least three phases. The first of these apparently resulted in east to northeast axial plane folds. The age of this deformation is considered to be early Middle Jurassic in age. The second phase resulted in west or southwest axial plane folds. These folds deform the first phase folds and are cross-cut by the late Early Cretaceous Marker Lake batholith and Cabin and Gravel Creek stocks. Third phase folds are open folds inferred to be related to these Cretaceous intrusives.

PROPERTY GEOLOGY

General

Evidence of the first two phases of deformation was located during traverses and the regional stream sediment and rock chip sampling programs (See Figures 1 and 2). Several of the folds observed on the property have axial plane faults. Such faults are thought to be responsible for the strongly developed

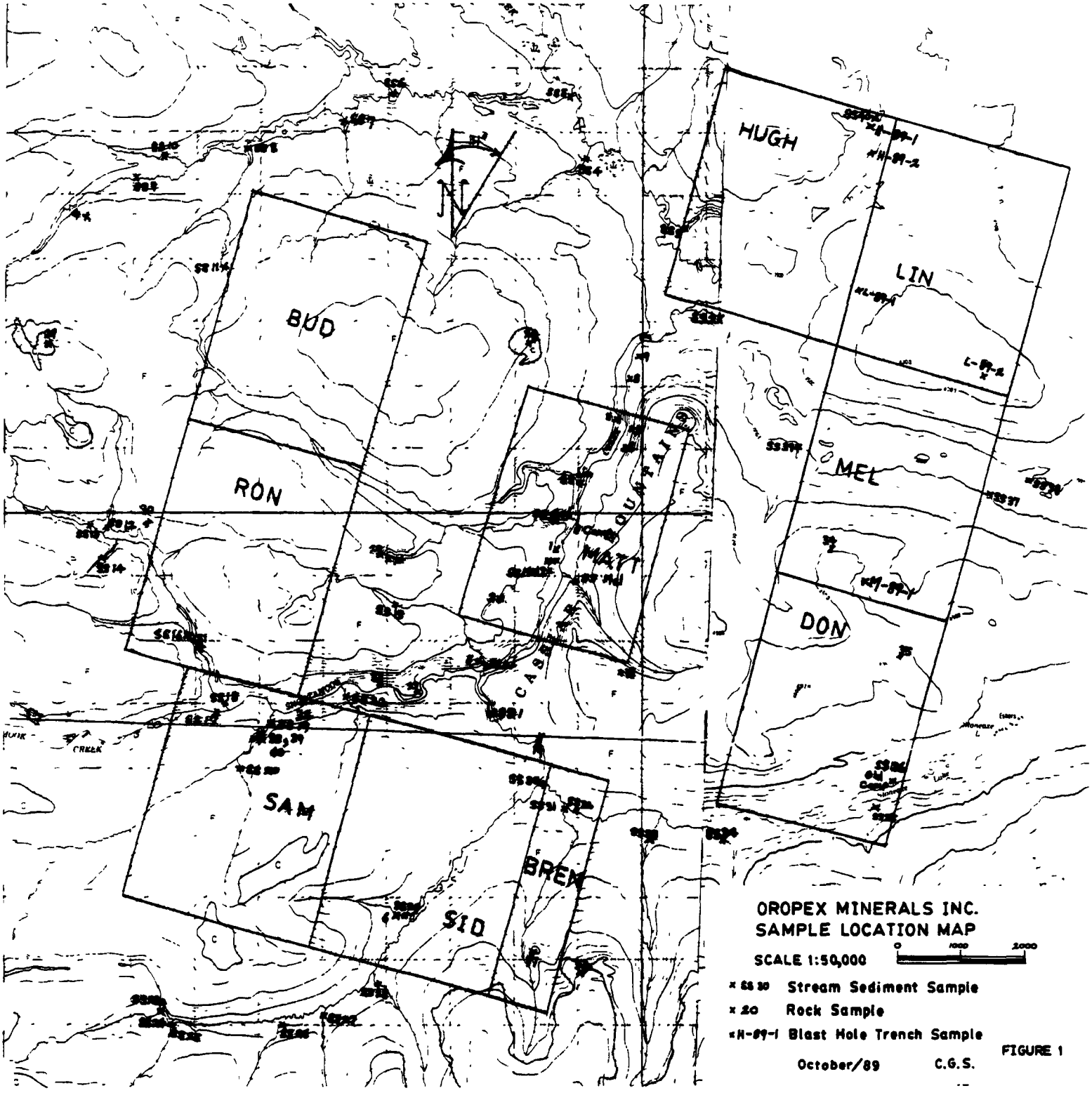

HUGH
LIN
BUD
RON
MEL
DON
MATT
SAM
BREM
SID
OROPEX MINERALS INC.
SAMPLE LOCATION MAP
SCALE 1:50,000
0
1000
2000
x 5830 Stream Sediment Sample
x 20 Rock Sample
H-89-1 Blast Hole Trench Sample
October/89
C.G.S.

FIGURE 1

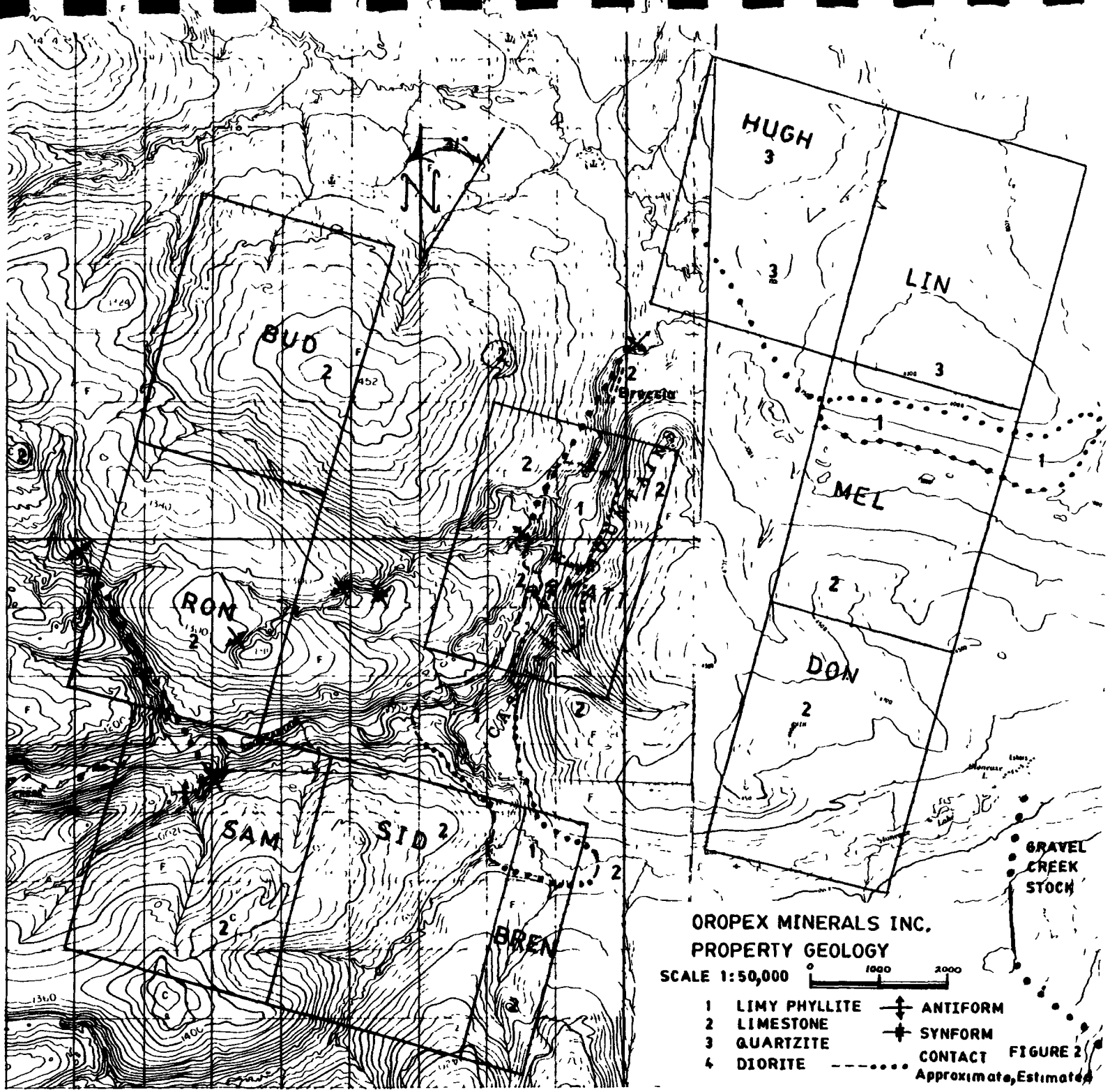

HUGH
LIN
MEL
DON
BUD
RON
SAM
SID
BREN
GRAVEL CREEK STOCK
OROPEX MINERALS INC.
PROPERTY GEOLOGY
SCALE 1:50,000
0
1000
2000
1 LIMY PHYLLITE
2 LIMESTONE
3 QUARTZITE
4 DIORITE
ANTIFORM
SYNFORM
CONTACT
Approximate, Estimated

FIGURE 2

northeast striking ridges west of Shootamook Creek. This conclusion is supported by the locating of two northeast striking antiforms at this location which may be connected (See Figure 2). An approximately 1 metre wide axial plane fault dipping 52° NW was observed in the southwest occurrence. Several northwest striking folds were observed in the gulch at the head of Red Creek. The strongest of these folds strikes through the Sam and Ron Claim groups.

Geological mapping on the Oropex Minerals property is hampered by a lack of outcrop. Outcrop is chiefly located in stream cuts and on cliff faces. The oldest rocks seen on the property are black to dark grey limy graphitic phyllite. This phyllite is altered to sericitic phyllite and silicified sericitic phyllite in areas of faulting and hydrothermal activity. In the area of the Matt Claims, this phyllite grades up into a light to dark grey, fine grained limestone. This limestone in turn grades up into a light grey to white, fine grained to sugary limestone. The writer concluded that this transition may be the result of a rising sea floor. This transition proved useful in locating some of the folds on the property. North of Scurvy Creek in the Hugh Claim group, a light grey to white, fine grained to sugary quartzite appears to overlie the limy phyllite. The quartzite is probably resting unconformably on the phyllite.

Vein-Fault Mineralization and Cross-Faulting

The 1989 work porgram has resulted in a better geological understanding of the Winnie Zone. A diorite or granodiorite

intrusive has been traced for a minimum of 500 metres from the outcrop upstream from the Winnie (See Figure 2) into the Winnie where it has been exposed by trenching (See Figure 11). The composition of this diorite is extremely different from that of the Gravel Creek stock southeast of the property. The diorite may be a more mafic phase of the granitic Gravel Creek stock but a more likely explanation is that it is a Middle Jurassic diorite related to the Slide Mountain terrane which is exposed southwest of the property. If this is the case, the diorite could have been emplaced at about the same time as the first phase of deformation discussed earlier. This intrusive may extend along this deformation and down Shootamook Creek. This may explain the silicified limestone breccia zone (See Figure 2) mapped by the writer approximately 3 Km. (2 miles) north of the Winnie. The breccia zone is about 30 metres (100 ft.) wide and was traced for approximately 300 metres (1000 ft.). A sample (ORO-9) of this material returned a value of 236 ppm. arsenic and 13 ppb. gold (See Appendix A). Further work is warranted in this area.

In the area of the Winnie Showing, a fault has followed the diorite contact resulting in the deposition of the disseminated hydrothermal (and replacement ?) pyrite, quartz, arsenic and gold mineralization. The dioritic plug at the Winnie is thought to have been emplaced relatively close to the surface because the sediments in the area have been domed, columnar jointing and minute vugs are seen in the outcrop, also the grain size seems to increase with depth in the outcrop. The fault may have formed as

a brittle response to the intrusion of the Cretaceous Gravel Creek stock approximately 13 Km. (8 miles) to the southeast (See Figure 2). A cross-fault striking down Matt Creek has exposed at the Winnie. This cross-fault is thought to be post mineralization displacing the northern portion of the Winnie to the east. However, at least two phases of mineralization were observed during the relogging of the diamond drill core and in the exposures. Should cross-faulting predate a later phase of mineralization, they too could be mineralized.

The writer and other geologists, who have visited the property, originally considered that a rhyolitic phase of the diorite existed at the Winnie. Another possible explanation for this rhyolitic appearing material is extremely strong phyllic and argillic alteration totally destroying the original textures of the diorite and the limy graphitic phyllite country rock. Further work is required to determine if a rhyolitic intrusion exists in the area. The writer believes that this alteration in conjunction with intense silicification, probably preferentially directed toward limestone zones, is required for the deposition of the pyrite, arsenic, pyrrhotite (?) and gold mineralization.

The soil sampling and VLF-EM programs covering the area of the Winnie Showing have demonstrated the existence of at least two northeast striking structures (See Figures 4 - 10). The structure striking through the Winnie has been traced for at least 1000 metres from the diorite outcrop at approximately 4 + 50 N, 5 + 50 E (See Figure 2) to 15 + 00 N, 10 + 00 E. The

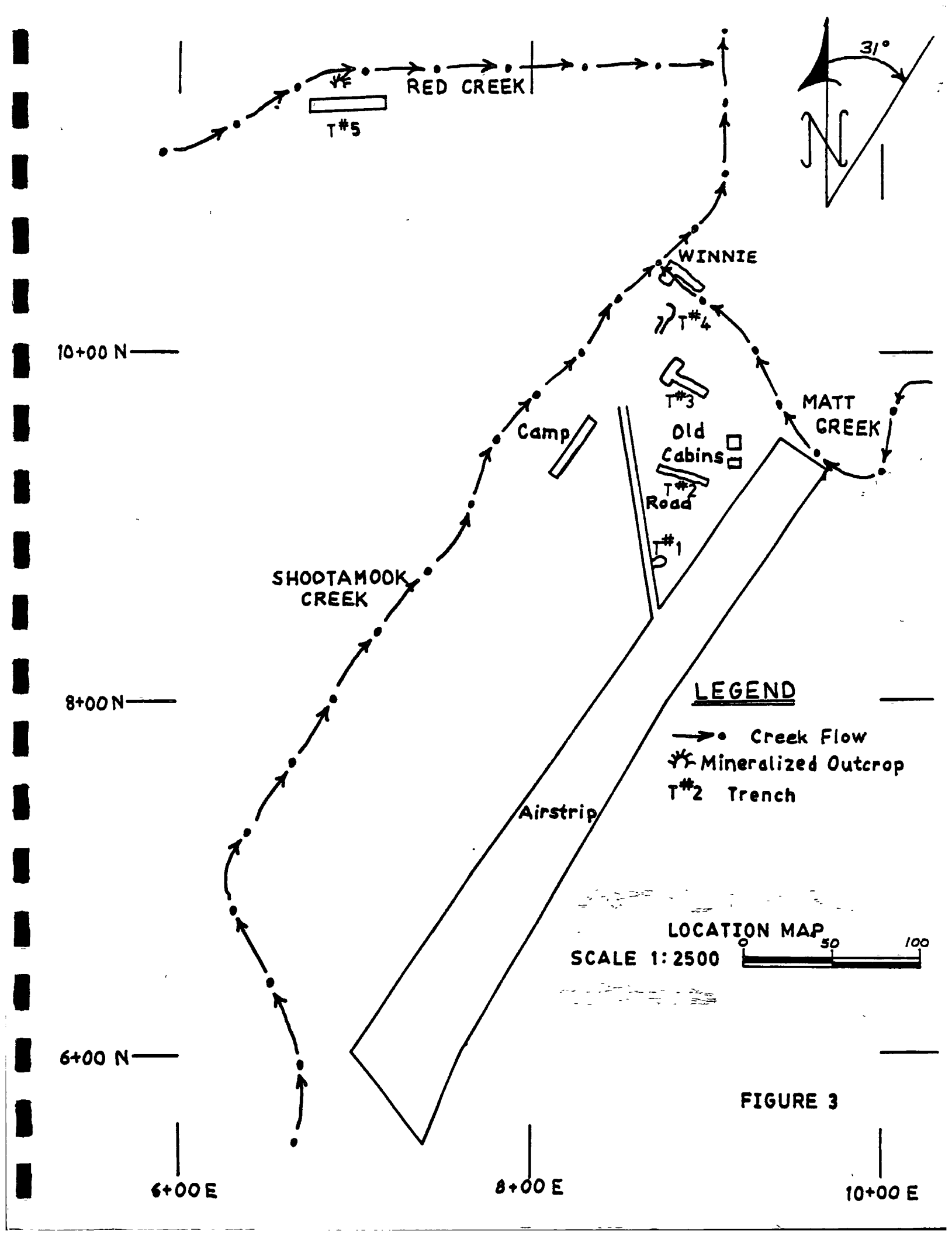

RED CREEK
T#5
31°
N
WINNIE
T#4
10+00 N
T#3
MATT
CREEK
Camp
Old
Cabins
T#2
Road
T#1
SHOOTAMOOK
CREEK
8+00 N
LEGEND
Creek Flow
Mineralized Outcrop
T#2 Trench
Airstrip
LOCATION MAP
SCALE 1:2500
0
50
100
6+00 N
6+00 E
8+00 E
10+00 E

FIGURE 3

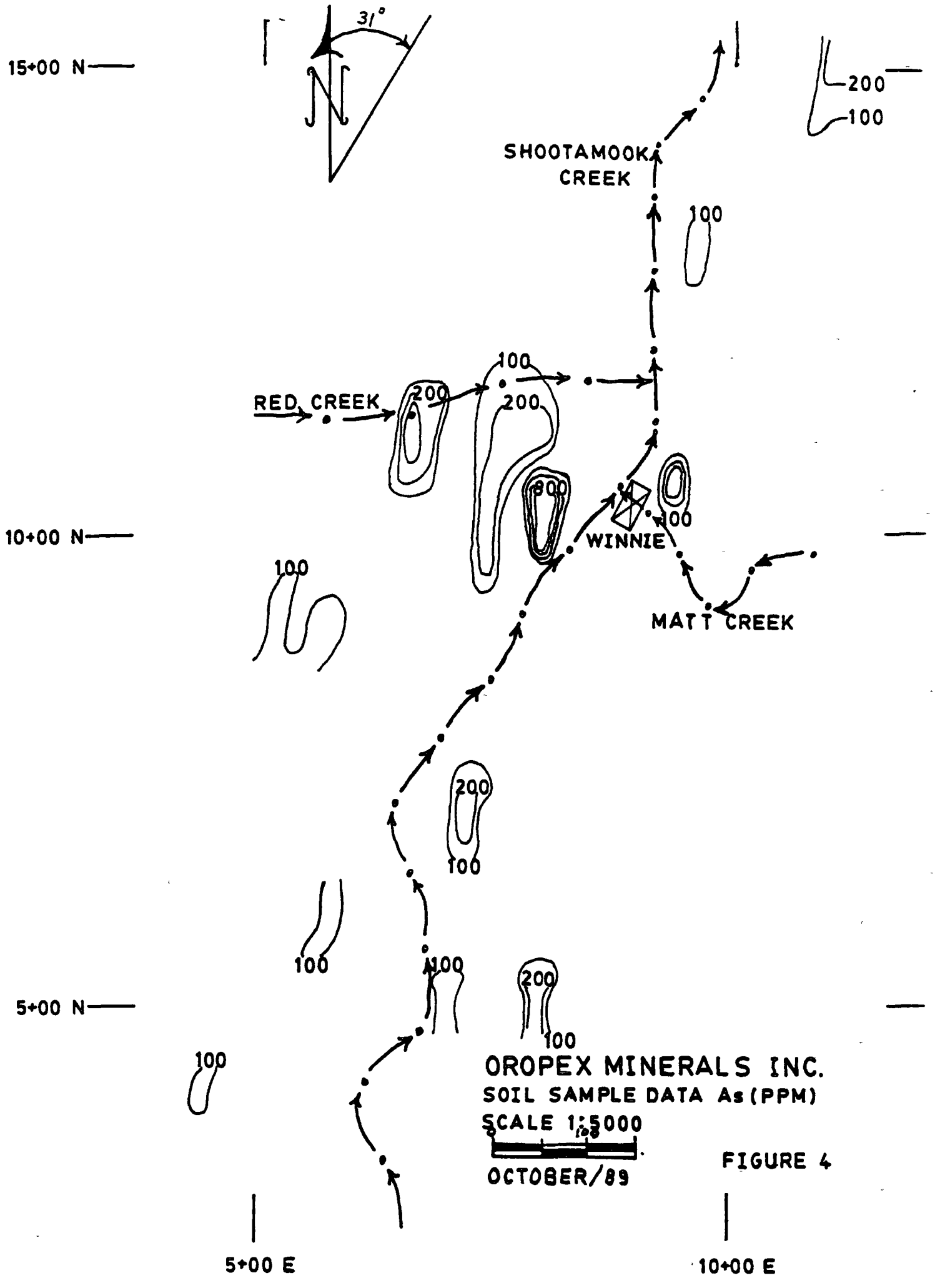
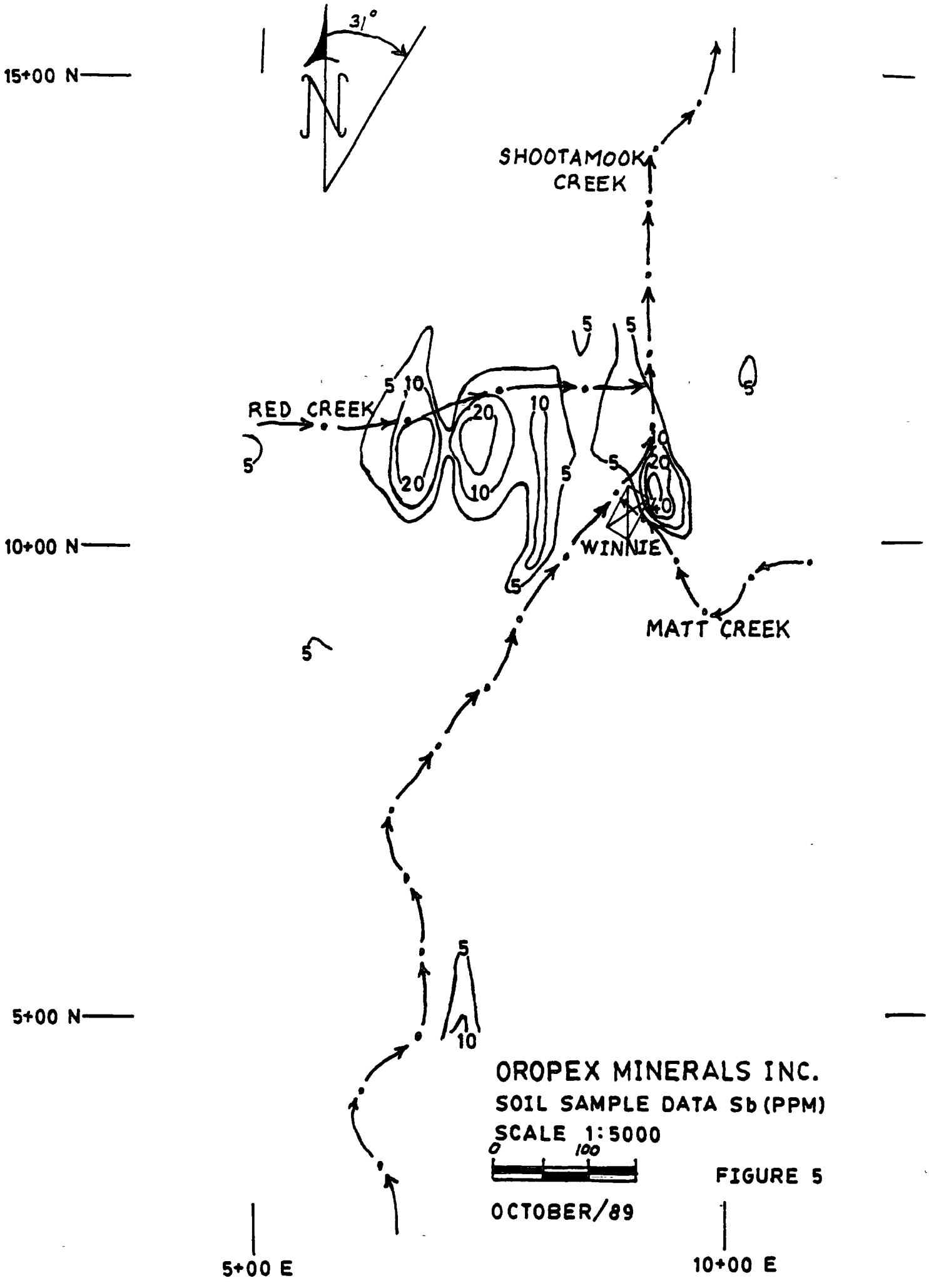

15+00 N
10+00 N
5+00 N
5+00 E
10+00 E
31°
SHOOTAMOOK CREEK
RED CREEK
WINNIE
MATT CREEK
100
200
300
OROPEX MINERALS INC.
SOIL SAMPLE DATA As (PPM)
SCALE 1:5000
OCTOBER/89

FIGURE 4


31°
15+00 N
10+00 N
5+00 N
SHOOTAMOOK CREEK
RED CREEK
WINNIE
MATT CREEK
5
10
20
5+00 E
10+00 E
OROPEX MINERALS INC.
SOIL SAMPLE DATA Sb (PPM)
SCALE 1:5000
0
100
OCTOBER/89
FIGURE 5

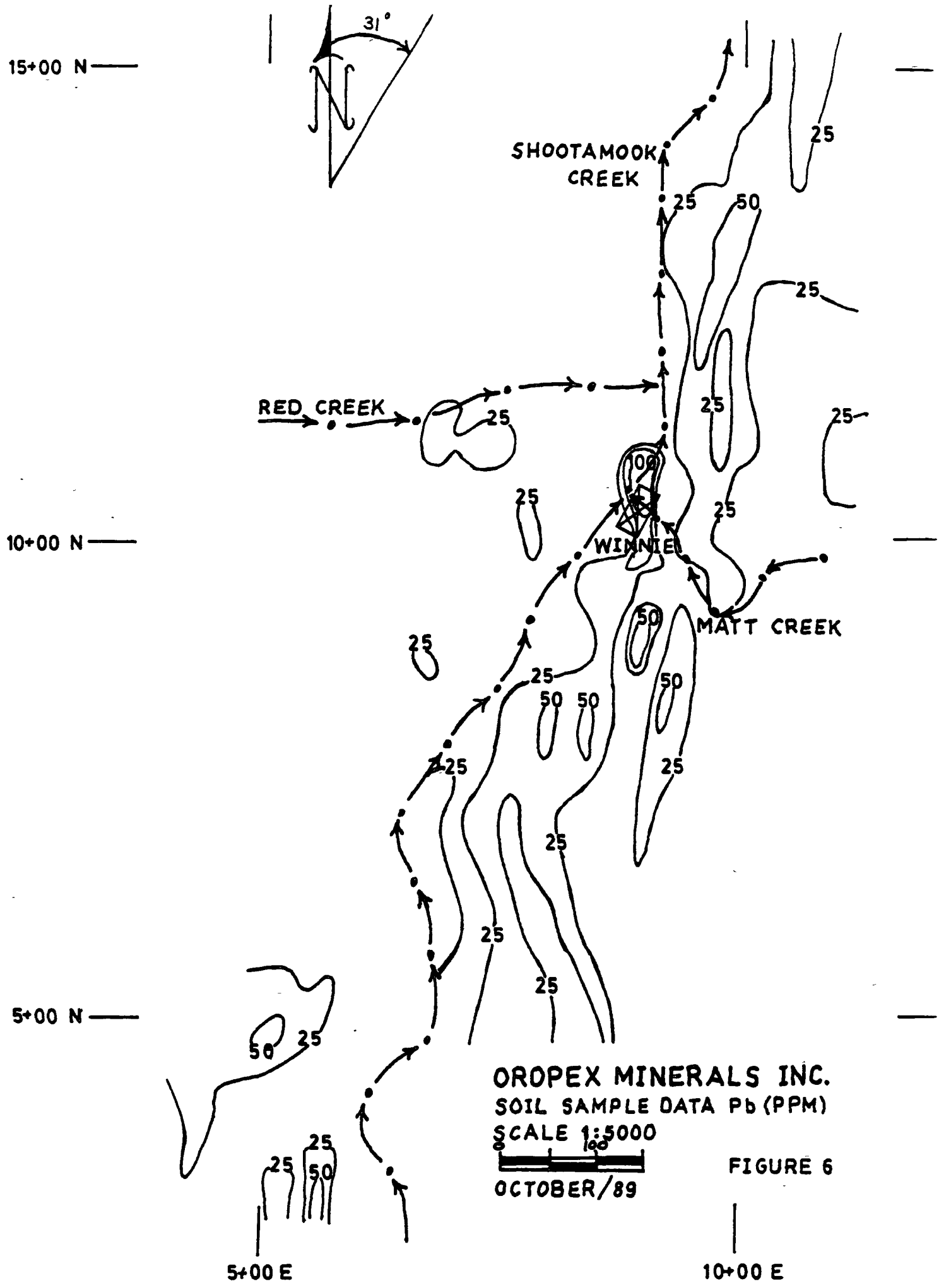
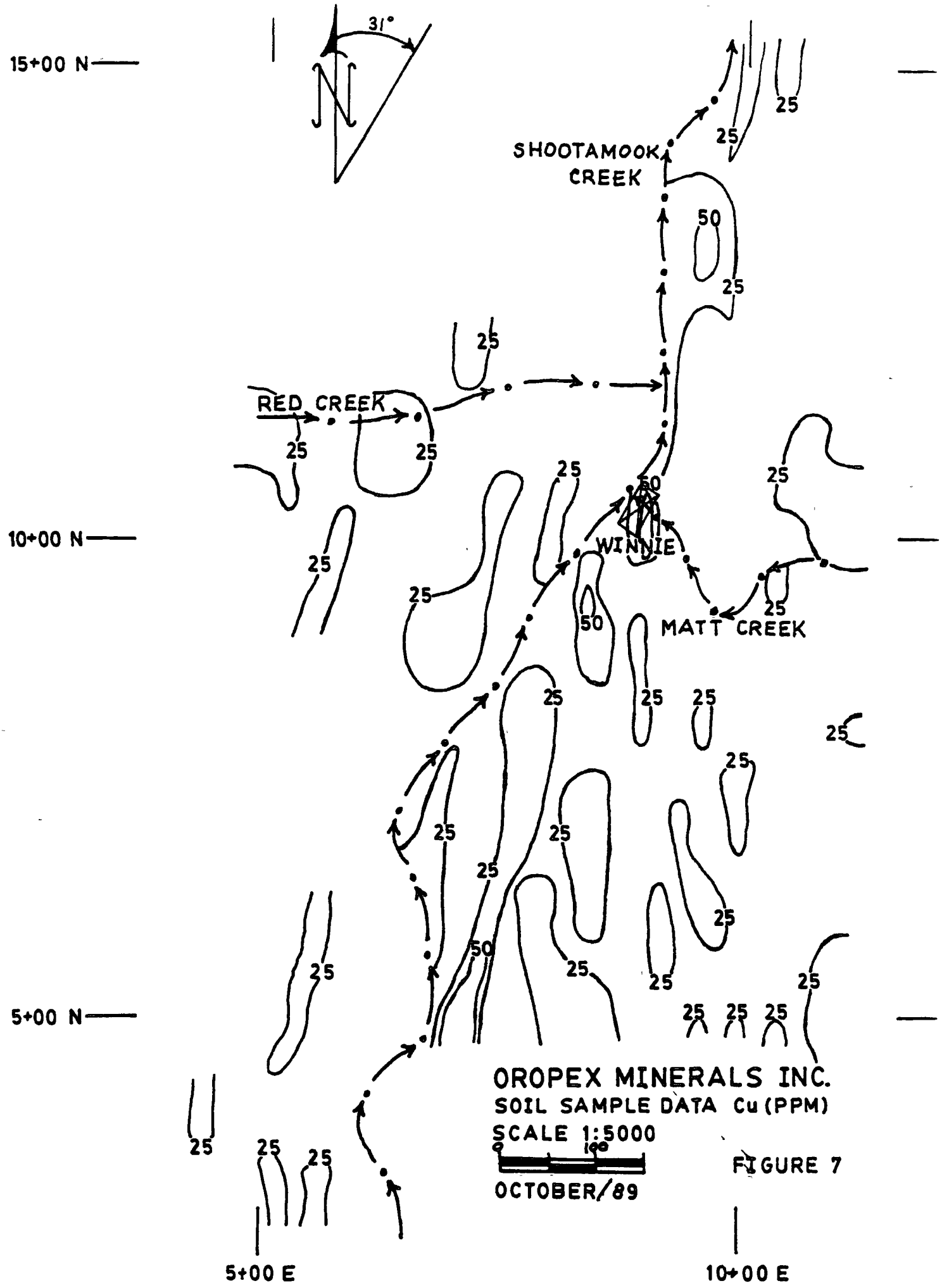
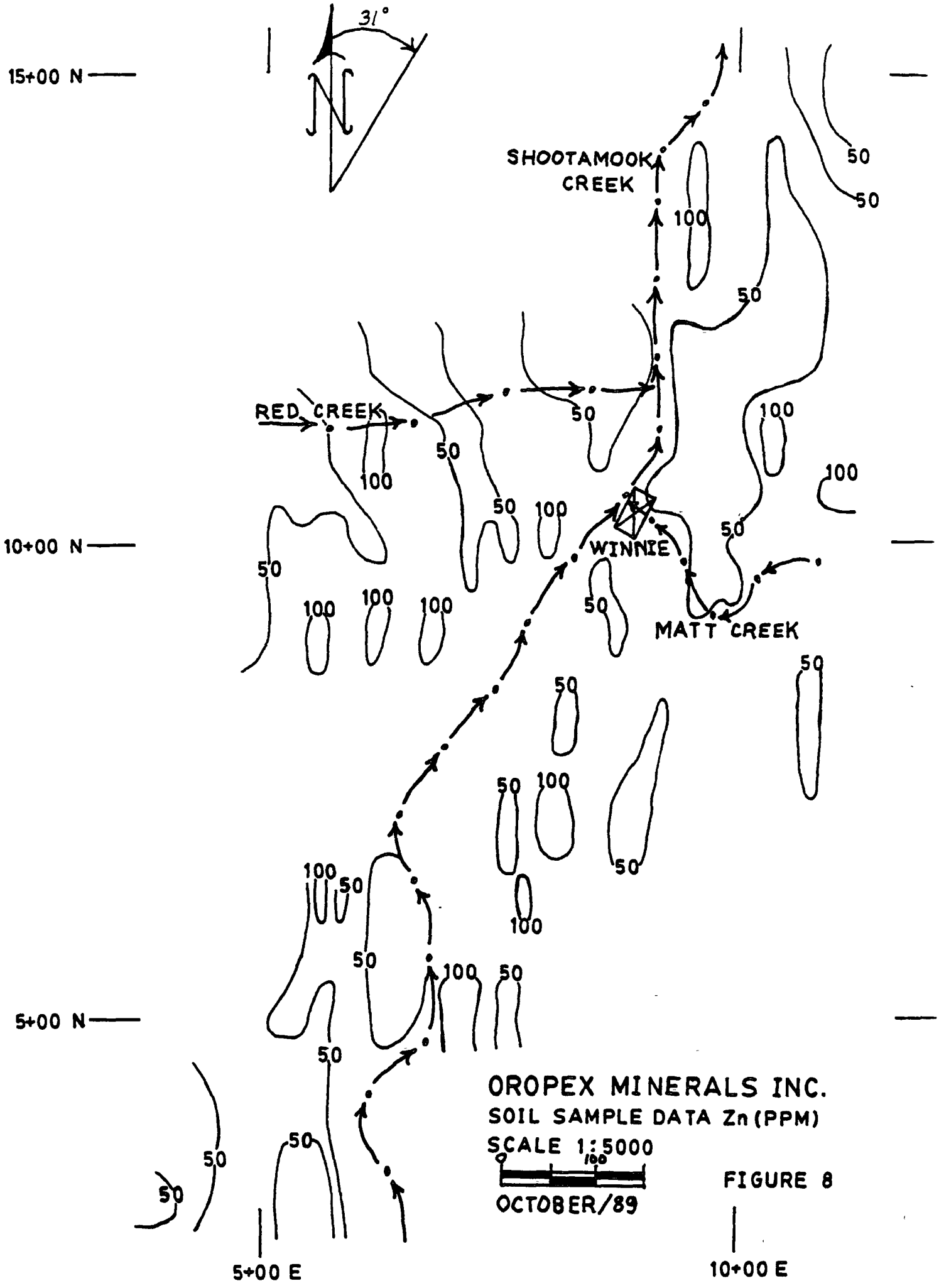
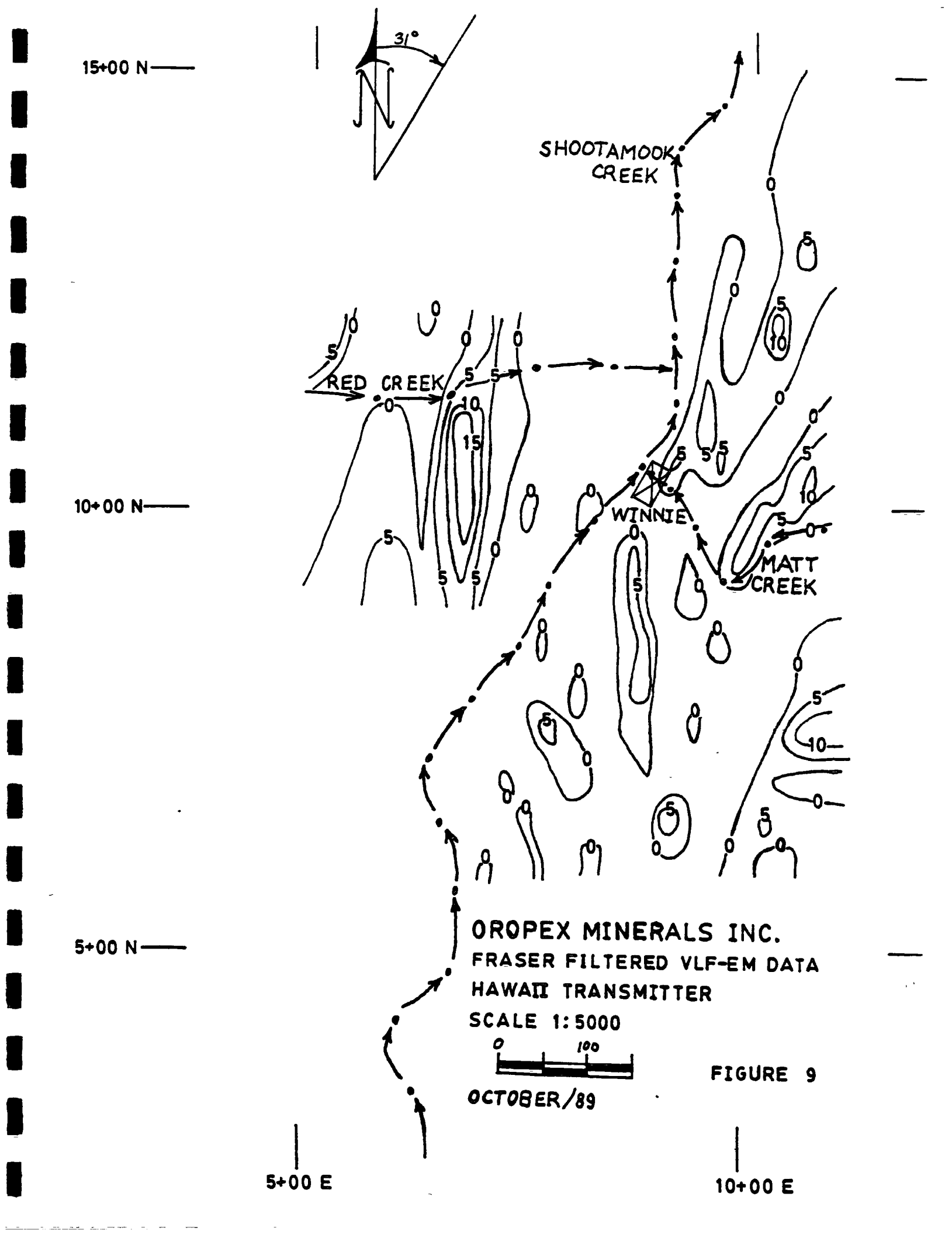

15+00 N
10+00 N
5+00 N
5+00 E
10+00 E
31°
SHOOTAMOOK CREEK
RED CREEK
WINNIE
MATT CREEK
25
50
100
OROPEX MINERALS INC.
SOIL SAMPLE DATA Pb (PPM)
SCALE 1:5000
0
100
OCTOBER/89

FIGURE 6


15+00 N
10+00 N
5+00 N
5+00 E
10+00 E
31°
SHOOTAMOOK CREEK
RED CREEK
WINNIE
MATT CREEK
25
50
OROPEX MINERALS INC.
SOIL SAMPLE DATA Cu (PPM)
SCALE 1:5000
0
100
OCTOBER/89
FIGURE 7


31°
15+00 N
10+00 N
5+00 N
5+00 E
10+00 E
SHOOTAMOOK CREEK
RED CREEK
WINNIE
MATT CREEK
50
100
OROPEX MINERALS INC.
SOIL SAMPLE DATA Zn (PPM)
SCALE 1:5000
0 100
OCTOBER/89
FIGURE 8


15+00 N
10+00 N
5+00 N
5+00 E
10+00 E
31°
N
SHOOTAMOOK CREEK
RED CREEK
WINNIE
MATT CREEK
OROPEX MINERALS INC.
FRASER FILTERED VLF-EM DATA
HAWAII TRANSMITTER
SCALE 1:5000
0
100
OCTOBER/89
FIGURE 9

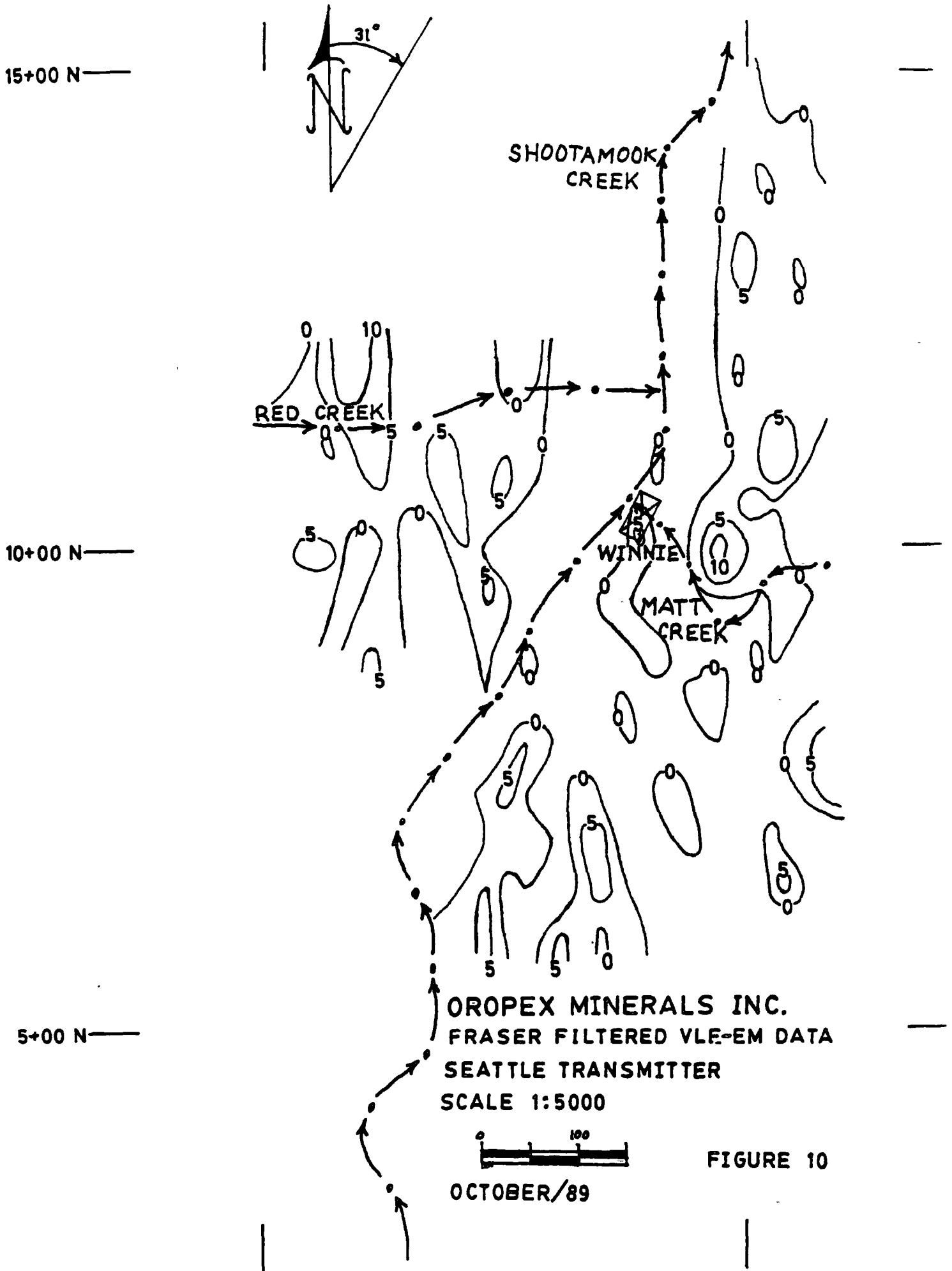

15+00 N
10+00 N
5+00 N
5+00 E
10+00 E
31°
N
SHOOTAMOOK CREEK
RED CREEK
WINNIE
MATT CREEK
OROPEX MINERALS INC.
FRASER FILTERED VLF-EM DATA
SEATTLE TRANSMITTER
SCALE 1:5000
0
100
OCTOBER/89

FIGURE 10

OROPEX MINERALS INC.
ASSAY OVERLAY
WINNIE SHOWING
SCALE: 1 inch = 10 ft.

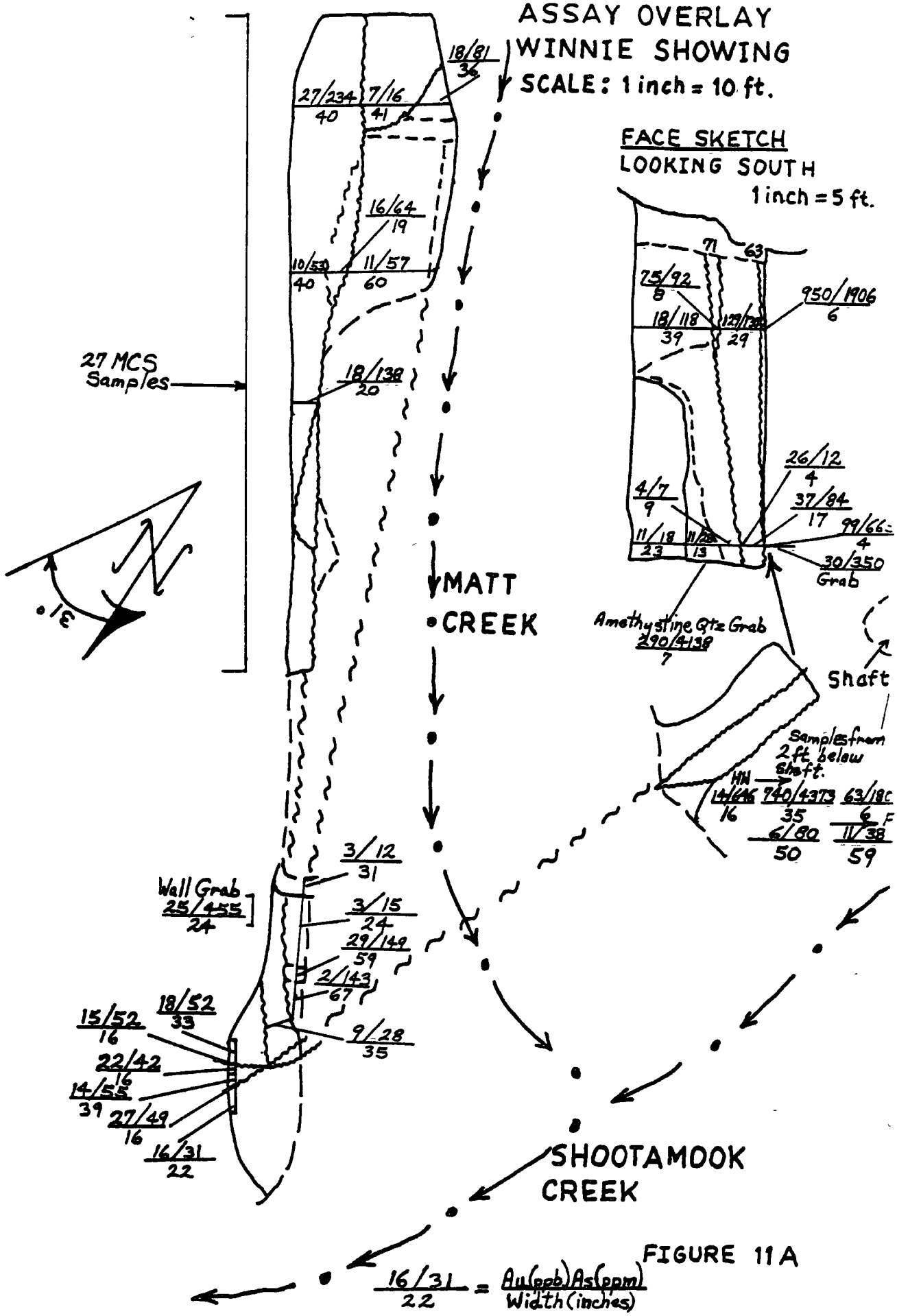


FIGURE 11A

$\frac{16/31}{22} = \frac{Au(ppb)\ As(ppm)}{Width\ (inches)}$

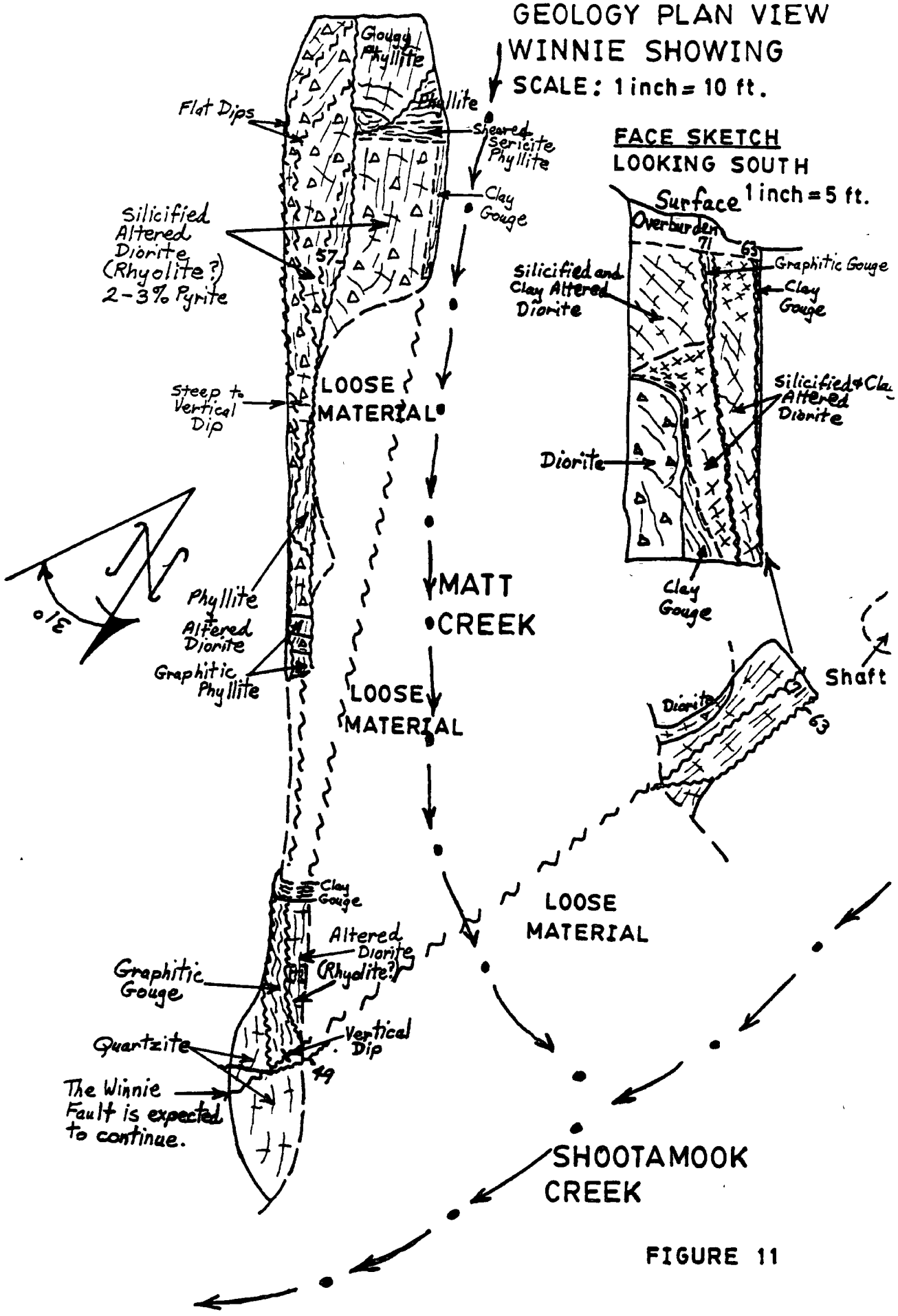

OROPEX MINERALS INC.
GEOLOGY PLAN VIEW
WINNIE SHOWING
SCALE: 1 inch = 10 ft.
Gouge
Phyllite
Flat Dips
Phyllite
Sheared Sericite Phyllite
Clay Gouge
Silicified Altered Diorite (Rhyolite?) 2-3% Pyrite
57
LOOSE MATERIAL
Steep to Vertical Dip
MATT CREEK
Phyllite
Altered Diorite
Graphitic Phyllite
LOOSE MATERIAL
Clay Gouge
Altered Diorite (Rhyolite?)
Graphitic Gouge
Vertical Dip
Quartzite
49
The Winnie Fault is expected to continue.
LOOSE MATERIAL
SHOOTAMOOK CREEK
FACE SKETCH
LOOKING SOUTH
1 inch = 5 ft.
Surface
Overburden
71
63
Graphitic Gouge
Clay Gouge
Silicified and Clay Altered Diorite
Silicified & Clay Altered Diorite
Diorite
Clay Gouge
Shaft
Diorite
63

FIGURE 11

other structure striking across Red Creek 200 metres (800 ft.) west of the Winnie has been traced for at least 300 metres and is open both to the north and the south. Continuing the VLF-EM and soil sampling programs will most likely result in the extension of this structure. Late in the 1989 program, a bulldozer trench (Trench #5, Figure 3) was partially completed across this structure. A large gougy fault zone which is a minimum of 4 metres (15 ft.) wide was located. Mineralization similar to that found at the Winnie returned an assay of 9 ppm. arsenic and 36 ppb. gold over a 1.8 metres (6 ft.) width (See Samples ORO-74 to 77 in Appendix A).

CONCLUSIONS

The 1989 exploration program carried out on the huge Oropex Minerals Inc. property has resulted in confirming the existence of a large scale disseminated gold-bearing hydrothermal system. In particular:

1. Soil sampling, VLF-EM surveys, and overburden removal have demonstrated the existence of two northeast striking structures mineralized by this hydrothermal system.

   One structure striking through the Winnie has been traced for at least 1,000 metres. The other structure, known previously because of outcrop, has been traced for 300 metres and is still open at both ends.

2. Notwithstanding the fact that the gold values obtained in the 1989 program were not sufficient to indicate economic precious metal grades near the surface of the domed Winnie structure, the writer recommends extensive diamond drilling of this hydrothermal structure.

   This recommendation is based on the existence of low base and precious metal values combined with intense phyllic and argillic alteration in the extensively mineralized surface exposures which place the precious metal horizon at greater depth (See page 8 and Appendix 4 of the Addendum Report included in the prospectus).

Further trenching would be less desirable than drilling due to much of the known strike length of the structure having subcrop below the water table of Shootamook Creek.

3. In addition to the Winnie system, geological mapping has resulted in the discovery of a significant and previously unknown breccia zone 3 kilometres (2 miles) north and on strike with the Winnie. Further work is warranted to verify the relationship between this structure and the known structures.

4. Folding, faulting, gossaning and evident mineralization have now been inspected on the 30 square kilometres of land held by Oropex and have a good chance of proving to contain mineralization consistent with that now demonstrated on the Matt Claim block.

In summary, the 1989 program has demonstrated the existence of strong folds and faulting and at least three hydrothermal structures striking up Shootamook Creek. This information strengthens the writer's belief, expressed in the summary of the Addendum Report (See prospectus), that additional mineral deposits will most likely be located on the Sam, Sid and Hugh Claim groups on strike with these structures.

The extent and grade of these potentially extensive hydrothermal structures can best be determined by a substantial diamond drilling program. Given positive drilling results on the Winnie system, and positive pre-drilling results on the outlying areas held by Oropex, the implication would then exist for a large precious metal mining camp.

RECOMMENDATIONS AND PROPOSED WORK PROGRAM

1. A diamond drilling program consisting of a minimum of 3050 metres (10,000 ft.) be performed on the Winnie structure. Holes previously drilled into the structure show the structure extends to a minimum of 125 metres (410 ft.) below the surface. These holes, because they were drilled in a fan, did not cut the entire structure. The structure at surface (See Figure 11) is at least 25 metres (80 ft.) wide.

2. Soil sampling and VLF-EM surveys be extended or carried out on the Red Creek structure and the silicified limestone breccia structure. These surveys should be followed by trenching, mapping and sampling of areas of interest.

3. Further geological mapping and rock chip sampling in areas of other Oropex Minerals Claim groups is needed to maintain them in good standing and has a good chance of locating other mineralized areas.

PROPOSED 1990 BUDGET

Wages and Benefits		$ 40,000.00
Camp Rental		$ 20,000.00
Room and Board		$ 8,000.00
Geological Services		$ 20,000.00
Aircraft and Helicopter		$ 15,000.00
Fuel and Supplies		$ 15,000.00
3050 metres (10,000 ft.) NQ core		$ 350,000.00
Assaying		$ 7,000.00
Contingencies		$ 55,000.00
	Total	$ 530,000.00

REFERENCES

1. Carlyle, L. W., (1989) "Report and Addendum on the Matt-Mathew and Hugh Creek Claims, Watson Lake Mining District, Yukon". Report to Oropex Minerals Inc.

2. Fekete, Mark (1988) "Assessment Report - Shootamook Creek Property". Private report to Total Erickson Resources.

3. Fekete, Mark (1988) "Evaluation Report - Shootamook Creek Property". Private report to Total Erickson Resources.

4. Murphy, D. C., (1988) "Geology of Gravel Creek(105 B 10) and Irvine Lake (105 B 11) Map Areas, Southeastern Yukon". Open File 1988-1, Canada Yukon E.D.A.

STATEMENT OF QUALIFICATIONS

I, LARRY W. CARLYLE, do certify:

1. That I am a professional geologist operating a business registered as CARLYLE GEOLOGICAL SERRVICES LTD. with an office at 74 Tamarack Drive, Whitehorse, Yukon Y1A 4Y6.

2. That I hold a B. Sc. degree in geology from the University of British Columbia (1970).

3. That I am a Fellow of the Geological Association of Canada (F - 4355).

4. That I am a Registered Professional Geologist in the Association of Professional Engineers, Geologists and Geophysicists of the Province of Alberta (41097).

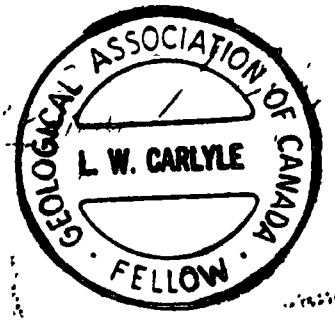
5. That I am a Member of the Canadian Institute of Mining and Metallurgy.

6. That I have practiced my profession as a mine and exploration geologist for fifteen years.

7. The conclusions and recommendations in the attached report are based on a work program I supervised on the property and a review of all available private and public reports on the property.

8. That I hold no interest in the property or in the shares of Oropex Minerals Inc.

DATED at Whitehorse, Yukon, this 6 day of November, 1989.



APPENDIX A

ASSAY CERTIFICATES

Northern Analytical Laboratories ltd.

November 3. 1989

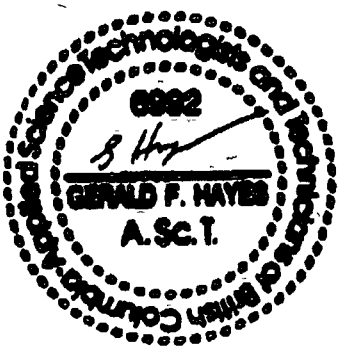
Mel Holloway
Oropex Minerals Inc.
#203 - 303 Jarvis St.
Whitehorse, Yukon
Y1A 2H3

ASSAY CERTIFICATE FOR SAMPLES PROVIDED

WORK ORDER # 34517

Sample	ppb Au	ppm Ag	ppm As
W1	36	0.9	<10
W2	21	0.7	60
W3	50	1.1	30
W4	52	1.4	<10
W5	4187	5.1	13500
W6	40	1.6	30

Au 15g Fire Assay/AAS
Metals - Aqua Regia Digestion/AAS



105 Copper Road, Whitehorse, YT, Y1A 2Z7 Ph: (403) 668-4968 Fax: (403) 668-4890

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .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 SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: p1-p2 SOIL p3-p4 ROCK

DATE RECEIVED: OCT 26 1989 DATE REPORT MAILED: Nov 1/89 SIGNED BY. C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Oropex Minerals Inc. File # 89-4493 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
6+00N 5+00E	1	5	5	21	.1	3	1	168	.56	7	5	ND	1	1508	1	2	3	1	30.09	.045	9	1	.17	11	.01	4	.11	.01	.01	1
6+00N 5+20E	1	6	8	17	.1	5	3	248	1.33	5	5	ND	1	342	1	2	2	7	5.75	.027	12	2	.08	26	.01	2	.57	.02	.02	1
6+00N 5+40E	1	9	15	22	.1	9	5	313	2.28	3	5	ND	1	678	1	2	2	5	10.47	.051	26	4	.14	34	.01	6	.51	.01	.02	2
6+00N 5+60E	1	32	9	100	.1	45	22	185	3.96	30	5	ND	15	262	1	2	2	5	5.03	.037	39	12	.56	16	.01	2	.91	.01	.02	2
6+00N 5+80E	1	23	15	50	.1	30	19	299	4.49	116	5	ND	5	392	1	2	2	14	7.64	.036	25	16	.61	51	.01	2	1.18	.01	.03	2
6+00N 6+00E	1	15	11	53	.1	20	9	266	2.65	20	5	ND	8	549	1	2	2	8	11.80	.051	21	11	.67	18	.01	2	.71	.01	.02	1
6+00N 6+20E	1	16	15	46	.1	20	8	224	2.32	20	5	ND	5	610	1	2	2	6	13.13	.046	17	9	.49	27	.01	5	.60	.01	.01	1
6+00N 6+40E	1	15	16	43	.1	18	8	233	2.11	18	5	ND	5	589	1	2	2	6	13.02	.049	17	8	.50	24	.01	6	.58	.01	.01	1
6+00N 6+60E	1	17	17	48	.1	21	9	345	2.48	18	5	ND	6	571	1	2	2	6	11.58	.044	18	10	.56	24	.01	2	.66	.01	.02	3
5+00N 5+00E	1	17	43	48	.1	37	23	778	6.54	72	5	ND	10	39	1	2	2	31	.43	.034	24	27	.47	143	.02	2	2.87	.01	.02	3
5+00N 5+20E	1	11	50	53	.1	34	16	461	5.01	37	5	ND	11	31	1	2	2	27	.57	.023	26	26	.71	181	.02	7	2.26	.01	.02	1
5+00N 5+40E	1	33	27	53	.1	37	22	381	5.05	75	5	ND	6	342	1	2	2	20	7.07	.051	25	19	.60	99	.02	6	1.11	.01	.03	1
5+00N 5+60E	1	19	29	44	.1	31	18	520	4.70	36	5	ND	5	145	1	2	3	22	2.35	.039	33	23	.61	74	.01	4	1.48	.01	.03	2
5+00N 5+80E	1	29	17	64	.1	35	15	195	4.19	54	5	ND	9	281	1	2	2	11	5.08	.044	28	18	.87	49	.01	4	1.32	.01	.02	1
5+00N 6+00E	1	12	16	57	.1	21	9	184	2.59	18	5	ND	6	307	1	2	2	10	6.09	.058	22	15	.62	53	.01	4	.89	.01	.02	1
5+00N 6+20E	1	15	12	49	.2	20	9	220	2.37	20	5	ND	6	553	1	2	2	7	12.36	.044	19	10	.61	21	.01	2	.63	.01	.01	1
5+00N 6+45E	1	15	11	49	.1	21	8	257	2.29	23	5	ND	7	537	1	2	2	6	12.16	.043	21	10	.63	20	.01	2	.68	.01	.01	1
4+00N 4+00E	1	17	15	60	.1	23	10	107	3.16	21	5	ND	7	225	1	2	2	8	3.89	.035	46	15	.61	28	.01	2	1.02	.01	.02	1
4+00N 4+20E	1	15	26	90	.1	29	18	223	4.69	14	5	ND	8	58	1	2	2	30	.59	.020	19	32	.78	92	.02	6	3.12	.01	.09	1
4+00N 4+40E	1	37	33	80	.1	54	27	305	6.28	108	5	ND	9	132	1	3	2	18	1.65	.042	55	24	.93	62	.01	2	2.35	.01	.04	1
4+00N 4+60E	1	17	18	45	.1	29	13	245	3.47	32	5	ND	5	184	1	2	2	27	4.23	.027	23	21	.62	62	.04	7	1.52	.01	.04	1
4+00N 4+80E	1	17	22	43	.1	27	14	380	3.40	28	5	ND	4	190	1	2	2	24	3.16	.036	22	19	.47	84	.02	6	1.35	.01	.04	2
4+00N 5+00E	1	22	17	41	.1	29	14	216	3.26	33	5	ND	7	345	1	2	2	11	7.95	.037	27	15	.94	44	.01	2	1.21	.01	.02	1
4+00N 5+20E	1	9	13	31	.1	13	8	454	2.12	11	5	ND	1	99	1	2	2	11	1.50	.026	17	10	.42	54	.01	4	1.05	.02	.03	1
4+00N 5+40E	1	15	17	46	.1	24	10	176	3.03	42	5	ND	9	414	1	2	3	12	10.87	.049	24	17	1.05	33	.01	4	1.08	.01	.02	2
4+00N 5+60E	1	16	11	35	.1	20	8	223	2.77	27	5	ND	2	165	1	2	2	12	2.36	.037	20	12	.76	51	.01	7	1.10	.01	.01	1
4+00N 5+70E	1	15	10	55	.1	22	10	222	2.33	17	5	ND	7	459	1	2	2	7	9.28	.046	21	12	.61	22	.01	3	.73	.01	.02	1
3+00N 4+00E	1	13	10	49	.1	23	11	205	2.89	33	5	ND	9	370	1	2	2	9	8.31	.047	26	14	.95	24	.01	3	1.19	.01	.01	2
3+00N 4+20E	1	19	21	61	.1	28	11	169	3.78	23	5	ND	9	69	1	2	2	15	1.08	.038	41	21	.83	52	.01	6	1.49	.01	.02	1
3+00N 4+40E	1	16	13	50	.1	23	11	164	3.09	33	5	ND	8	184	1	2	2	12	3.81	.043	35	17	.67	27	.01	2	1.09	.01	.02	1
3+00N 4+60E	1	18	5	26	.1	15	8	185	1.49	7	5	ND	1	492	1	2	2	4	9.84	.047	23	4	.15	30	.01	6	.54	.01	.02	1
3+00N 4+80E	1	22	7	43	.1	23	9	118	2.22	10	5	ND	8	745	1	2	2	4	15.33	.044	40	8	.52	14	.01	2	.77	.01	.01	1
3+00N 5+00E	1	13	7	23	.2	12	4	171	1.17	2	5	ND	1	161	1	2	2	6	2.55	.030	19	4	.11	29	.01	3	.42	.02	.02	1
3+00N 5+20E	1	29	38	55	.1	29	17	1055	5.16	33	5	ND	1	156	1	2	2	22	2.54	.079	28	18	.56	110	.01	2	1.49	.01	.03	1
3+00N 5+40E	1	22	19	60	.1	25	11	301	3.49	21	5	ND	2	112	1	2	2	12	1.64	.045	24	13	.44	63	.01	2	1.14	.01	.02	1
3+00N 5+60E	1	32	58	86	.1	42	19	481	4.91	31	5	ND	19	53	1	2	2	10	.29	.025	76	21	.73	50	.01	2	1.95	.01	.03	1
STD C	18	59	39	132	6.6	67	29	937	3.98	41	20	7	37	47	18	16	18	57	.48	.090	37	55	.90	174	.06	36	1.95	.06	.13	13

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
3+00N 5+80E	1	15	11	49	.1	23	10	309	2.37	18	5	ND	8	570	1	2	2	10	11.69	.048	20	12	.57	28	.01	2	.64	.01	.02	1	-
3+00N 6+00E	1	19	13	61	.1	23	11	358	2.70	15	5	ND	9	562	1	2	2	7	9.94	.046	22	13	.60	32	.01	2	.80	.01	.02	1	-
3+00N 6+21E	1	21	12	58	.1	23	10	224	2.45	16	5	ND	9	467	1	2	2	8	8.84	.047	23	13	.52	43	.01	2	.75	.01	.02	1	-
L-89-1	1	19	11	43	.1	26	12	330	2.88	11	5	ND	9	21	1	2	2	18	.43	.025	28	23	.44	73	.01	2	1.37	.01	.08	1	3

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
L-89-2	3	4	2	1	.1	11	1	10	.30	2	5	ND	1	3	1	2	2	1	.01	.002	3	8	.01	2	.01	2	.03	.01	.02	1	3
H-89-1	3	3	3	1	.1	11	2	78	.71	2	5	ND	1	23	1	2	2	1	.42	.086	4	7	.02	8	.01	2	.07	.01	.04	1	4
H-89-2	3	6	4	7	.1	11	2	54	1.26	4	5	ND	3	28	1	2	3	1	.18	.122	9	9	.01	19	.01	4	.12	.01	.05	1	1
H-89-1	1	1	2	1	.1	1	1	30	.09	4	5	ND	2	1159	1	2	2	1	38.20	.005	2	1	.13	5	.01	2	.01	.01	.01	1	3
MCS 1-1	2	30	25	6	.1	43	10	3	2.52	138	5	ND	23	82	1	22	2	14	.67	.222	63	24	.02	45	.01	4	.84	.01	.09	4	8
MCS 1-2	2	17	30	5	.2	16	4	7	2.94	85	5	ND	14	111	1	33	2	5	1.91	.033	27	10	.03	15	.01	6	.47	.01	.18	4	17
MCS 1-3	2	12	17	17	.5	21	8	7	3.70	89	5	ND	6	12	1	29	2	3	.07	.020	23	9	.01	13	.01	7	.28	.01	.07	3	6
MCS 1-4	1	22	50	13	.4	17	5	8	6.26	218	5	ND	22	97	1	28	2	13	.14	.222	59	20	.03	51	.01	3	.57	.01	.10	15	11
MCS 1-5	2	7	10	3	.5	15	3	6	1.66	69	5	ND	3	8	1	13	2	2	.02	.005	8	9	.01	24	.01	5	.24	.01	.12	1	10
MCS 1-6	1	27	12	13	2.1	34	13	9	8.70	97	5	ND	15	48	1	43	2	7	.08	.015	29	10	.02	8	.01	3	.60	.01	.14	4	19
MCS 2-1	1	78	35	90	.1	148	28	202	2.70	6	5	ND	39	47	1	4	4	49	.97	.283	144	102	1.41	16	.01	10	2.45	.01	.03	12	2
MCS 2-2	1	40	38	13	.1	70	18	14	5.40	26	5	ND	37	78	1	15	4	20	.49	.252	86	38	.10	17	.01	2	1.05	.01	.04	16	4
MCS 2-3	1	25	28	114	.1	70	20	6	5.22	83	5	ND	20	25	1	38	2	17	.26	.078	74	19	.04	29	.01	6	.85	.01	.14	9	18
MCS 2-4	2	50	20	47	.4	39	12	13	3.86	663	6	ND	16	97	1	20	2	11	.20	.136	93	21	.03	40	.01	21	1.42	.01	.12	14	60
MCS 2-5	1	42	27	51	3.1	146	36	2	12.62	439	5	ND	23	72	1	96	2	11	.23	.065	60	13	.02	7	.01	7	.56	.01	.10	4	39
MCS 2-6	1	22	17	108	2.7	97	29	7	9.08	242	5	ND	9	70	1	56	2	8	.30	.030	31	9	.03	11	.01	5	.66	.01	.19	2	32
MCS 3-1	1	26	29	78	.1	102	22	9	3.04	34	6	ND	23	69	1	60	2	11	.54	.222	96	18	.01	32	.01	8	.78	.01	.03	8	3
MCS 3-2	1	22	19	53	.1	81	16	11	4.08	31	5	ND	18	29	1	58	2	9	.36	.140	69	17	.01	22	.01	8	.65	.01	.03	5	12
MCS 3-3	1	25	18	59	.1	94	22	9	6.99	41	5	ND	20	28	1	55	2	12	.39	.156	73	17	.01	16	.01	2	.73	.01	.03	8	8
MCS 3-4	16	256	27	42	.1	38	24	22	11.24	28	5	ND	8	18	1	68	2	11	.73	.267	26	8	.01	7	.01	14	.59	.01	.01	12	3
MCS 3-5	1	22	31	59	.6	79	18	10	4.36	129	5	ND	22	22	1	42	2	11	.41	.152	73	13	.01	27	.01	23	.69	.01	.10	6	26
MCS 4-1	5	43	20	99	.4	115	27	22	3.72	96	6	ND	25	18	1	30	2	16	.45	.152	76	22	.02	26	.01	19	.97	.01	.08	9	17
MCS 4-2	2	32	23	57	.6	107	23	8	3.67	44	5	ND	21	18	1	68	2	12	.52	.199	74	17	.01	26	.01	8	.74	.01	.02	8	14
MCS 4-3	5	37	25	43	.2	48	13	12	5.35	75	5	ND	16	39	1	31	2	11	.38	.179	60	12	.01	23	.01	5	.73	.01	.07	7	12
MCS 4-4	1	33	22	55	.3	91	26	8	7.64	42	5	ND	23	13	1	38	3	13	.48	.192	89	18	.01	10	.01	2	.72	.01	.02	6	7
MCS 5-1	1	19	22	32	1.3	72	16	14	4.52	98	5	ND	13	41	1	87	2	12	.36	.187	53	18	.01	21	.01	7	.60	.01	.07	5	15
MCS 5-2	1	5	20	40	.2	56	13	15	.98	44	5	ND	20	33	1	29	4	13	.55	.271	99	17	.01	29	.01	7	.74	.01	.09	6	2
MCS 5-3	2	19	20	39	1.2	50	11	15	5.16	330	5	ND	5	24	1	85	2	7	.16	.070	25	12	.01	14	.01	22	.46	.01	.08	4	32
MCS 5-4	2	32	24	81	.8	91	25	8	5.35	56	5	ND	19	19	1	39	4	13	.38	.140	67	18	.01	17	.01	9	.82	.01	.06	7	6
MCS 5-5	1	33	33	116	.1	68	20	2	9.34	21	5	ND	14	18	1	19	2	10	.20	.054	63	10	.02	16	.01	3	.77	.01	.11	8	2
MCS 5-6	1	31	23	64	.3	29	12	5	6.21	77	5	ND	9	15	1	71	2	5	.15	.051	36	9	.01	10	.01	8	.54	.01	.07	2	17
ORO-54	1	22	12	21	.7	15	7	5	6.61	455	5	ND	11	12	1	39	2	5	.03	.035	14	9	.01	13	.01	9	.37	.01	.06	3	25
ORO-55	1	36	36	71	.2	35	21	2	7.55	81	5	ND	10	18	1	66	2	5	.16	.053	41	7	.01	13	.01	4	.50	.01	.09	2	18
ORO-56	1	25	19	102	.1	51	18	6	6.06	16	5	ND	12	21	1	20	2	6	.21	.071	37	10	.01	15	.01	3	.58	.01	.09	3	7
ORO-57	1	14	32	41	.5	58	13	14	2.42	234	5	ND	9	25	1	36	2	8	.31	.120	46	11	.01	22	.01	6	.56	.01	.10	3	27
ORO-58	11	34	18	62	.9	97	24	11	7.03	57	5	ND	20	16	1	49	4	12	.43	.169	98	19	.01	11	.01	2	.74	.01	.03	9	11
STD C/AU-R	18	61	38	132	7.2	66	31	935	4.00	39	19	6	36	47	18	14	19	57	.48	.088	37	56	.90	174	.06	34	2.00	.06	.14	11	520

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
ORO-59	1	24	28	40	.4	62	18	5	6.02	64	5	ND	19	23	1	54	2	12	.43	.163	52	18	.01	17	.01	12	.68	.01	.06	6	16
ORO-60	3	32	25	52	.1	69	19	12	3.46	53	5	ND	17	33	1	42	2	15	.38	.169	72	15	.01	21	.01	15	.69	.01	.08	8	10
ORO-61	1	37	30	63	1.2	80	22	8	10.38	138	5	ND	16	94	1	108	2	11	.36	.159	63	14	.01	4	.01	9	.64	.01	.07	5	18
ORO-62	3	4	9	3	.1	10	1	11	.37	66	5	ND	3	4	1	2	2	3	.02	.009	14	10	.01	15	.01	15	.32	.01	.08	4	8
ORO-63	2	4	11	3	.1	13	3	2	1.00	646	5	ND	12	15	1	64	2	7	.02	.035	34	10	.01	61	.01	13	.40	.01	.07	5	14
ORO-64	2	15	12	70	.4	24	6	6	2.33	4373	5	ND	8	10	1	26	2	4	.03	.020	13	10	.01	29	.01	3	.32	.01	.12	1	740
ORO-65	1	55	19	79	.2	60	25	3	5.28	1802	5	ND	21	37	1	40	2	16	.14	.042	40	13	.06	10	.01	3	.71	.01	.19	7	61
ORO-66	2	21	12	93	.1	49	14	2	2.97	80	5	ND	14	21	1	25	2	8	.14	.043	46	8	.05	25	.01	14	.70	.01	.22	3	6
ORO-67	1	1	17	2	.1	3	1	2	.96	38	5	ND	4	22	1	36	2	5	.01	.027	13	6	.01	31	.01	4	.51	.01	.08	4	11
ORO-68	3	28	22	23	.1	29	9	146	1.73	58	5	ND	11	62	1	13	2	10	.57	.059	46	16	.18	62	.01	10	.52	.01	.08	4	5
ORO-69	3	50	8	51	.1	28	14	533	3.09	53	5	ND	12	46	1	4	2	6	1.80	.044	36	9	.03	34	.01	3	.39	.01	.14	1	4
ORO-70	1	2	15	3	.1	9	1	15	.40	9	5	ND	13	6	1	43	2	7	.05	.017	62	14	.01	10	.01	2	.41	.01	.02	3	21
ORO-71	2	39	21	113	.1	50	22	418	5.39	55	5	ND	10	127	1	2	2	13	2.96	.059	14	12	.24	24	.01	4	.41	.01	.11	1	9
ORO-72	2	23	19	24	.1	44	12	12	2.92	43	5	ND	22	24	1	58	2	11	.23	.152	67	17	.01	38	.01	16	.60	.01	.03	6	10
ORO-73	1	19	6	60	.1	28	8	52	2.54	10	5	ND	11	24	1	2	2	3	.22	.043	44	7	.05	22	.01	12	.35	.01	.10	1	5
ORO-74	1	3	14	2	.1	2	1	2	.56	96	5	ND	7	19	1	2	2	5	.05	.035	40	9	.01	25	.01	10	.40	.01	.11	20	36
ORO-75	2	4	17	4	.1	6	2	4	1.25	15	5	ND	5	8	1	5	2	8	.07	.015	22	10	.01	18	.01	4	.49	.01	.08	17	5
ORO-76	2	3	13	3	.1	4	1	3	1.01	4	5	ND	5	103	1	2	2	8	1.80	.011	15	11	.01	15	.01	13	.43	.01	.05	28	3
ORO-77	1	5	6	3	.1	2	1	2	1.77	6	5	ND	6	8	1	6	2	6	.05	.006	37	7	.01	21	.01	2	.40	.01	.10	32	4
STD C/AU-R	18	62	42	132	7.2	67	30	928	4.05	41	17	7	37	47	17	15	19	57	.50	.090	37	55	.90	174	.06	37	2.03	.06	.13	11	495

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .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 SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-P2 CORE P3 ROCK P4 STREAM SED. AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. P-pulverized, -30 mesh.

DATE RECEIVED: OCT 10 1989 **DATE REPORT MAILED:** Oct 13/89 **SIGNED BY** .....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Oropex Minerals Inc. File # 89-4161 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
ORO-C1	2	34	242	125	2.2	27	10	7	4.82	349	5	ND	10	38	1	77	3	3	.24	.074	24	9	.03	29	.01	5	.42	.02	.15	1	48
ORO-C2	1	18	49	45	1.5	25	7	32	5.26	212	5	ND	8	52	1	64	3	4	.48	.107	15	12	.06	27	.01	9	.38	.02	.15	1	3
ORO-C3	2	17	37	32	1.0	27	7	14	5.13	335	5	ND	8	36	1	69	2	3	.26	.090	23	10	.02	25	.01	8	.32	.02	.14	1	40
ORO-C4	1	14	27	51	2.1	27	6	36	15.50	430	5	ND	4	57	1	213	2	2	.72	.117	19	14	.09	13	.01	2	.31	.01	.10	1	58
ORO-C5	3	34	24	23	1.2	34	9	183	5.39	1412	8	ND	4	69	1	41	2	2	1.60	.020	7	13	.29	12	.01	3	.19	.01	.08	1	92
ORO-C6	2	22	5	43	1.9	74	25	56	10.59	130	5	ND	4	22	1	78	3	4	.40	.027	5	17	.07	18	.01	8	.32	.01	.12	1	57
ORO-C7	2	14	18	8	.1	20	9	118	2.69	29	5	ND	7	24	1	12	3	2	.65	.019	13	8	.18	21	.01	6	.18	.01	.11	1	7
ORO-C8	1	28	16	32	5.6	42	13	232	5.67	82	5	ND	4	91	1	24	2	2	2.25	.022	5	13	.33	38	.01	2	.24	.01	.09	1	7
ORO-C9	2	32	7	27	5.2	47	14	14	1.99	59	5	ND	7	18	1	20	2	2	.11	.020	10	7	.02	49	.01	2	.26	.01	.10	1	4
ORO-C10	1	14	7	53	.1	25	8	619	3.34	34	5	ND	7	593	1	2	2	6	10.14	.041	12	18	1.02	74	.01	13	.90	.01	.32	1	3
ORO-C11	1	16	24	53	.1	81	19	661	3.51	60	5	ND	20	743	1	42	2	10	6.16	.167	28	26	1.82	48	.01	12	.45	.01	.12	1	3
ORO-C12	1	5	34	24	.1	18	3	123	3.23	18	5	ND	2	68	1	26	3	1	.54	.019	5	6	.16	23	.01	3	.39	.01	.11	1	1
ORO-C13	1	12	29	55	.1	73	16	79	5.35	45	5	ND	16	84	1	90	2	8	.73	.165	33	16	.12	25	.01	7	.57	.01	.11	1	3
ORO-C14	1	14	17	60	.1	69	15	748	2.94	42	5	ND	16	492	1	27	3	11	4.22	.164	28	26	1.50	33	.01	7	.52	.01	.11	1	5
ORO-C15	6	13	6	13	.1	31	4	254	4.34	12	5	ND	4	163	1	27	2	3	1.29	.023	8	15	.50	12	.01	4	.18	.01	.05	1	1
ORO-C16	2	12	21	52	.1	67	16	889	3.28	61	5	ND	17	683	1	14	2	11	5.79	.182	28	25	2.10	34	.01	10	.46	.01	.11	1	1
ORO-C17	1	6	23	49	.1	62	14	715	3.22	641	6	ND	17	892	1	5	2	10	7.21	.176	26	18	2.85	60	.01	10	.45	.01	.16	2	16
ORO-C18	1	3	12	49	.1	64	12	705	3.21	111	5	ND	16	709	1	12	2	11	5.05	.185	23	21	1.91	43	.01	6	.46	.01	.14	1	9
ORO-C19	1	10	19	46	.3	48	9	781	3.42	17	5	ND	14	52	1	38	2	13	2.05	.127	49	21	.66	9	.01	2	.51	.01	.03	2	2
ORO-C20	2	10	23	38	.6	44	9	156	4.11	57	5	ND	16	17	1	71	2	5	.50	.119	75	10	.07	4	.01	2	.43	.01	.01	1	2
ORO-C21	1	10	31	80	.1	96	18	129	2.21	35	5	ND	27	42	1	52	3	13	.87	.243	130	19	.07	11	.01	8	.62	.01	.02	5	2
ORO-C22	1	22	27	59	1.8	99	19	29	15.05	60	5	ND	21	34	1	93	2	9	.52	.187	89	19	.01	6	.01	11	.63	.01	.02	4	21
ORO-C23	1	36	34	73	.1	91	20	61	5.94	38	5	ND	27	45	1	79	2	13	.92	.235	124	20	.01	15	.01	11	.77	.01	.01	6	3
ORO-C24	1	54	33	67	.1	102	23	34	7.90	34	5	ND	27	36	1	18	3	13	.61	.211	112	20	.01	10	.01	6	.69	.01	.02	3	3
ORO-C25	6	9	17	53	.1	84	16	730	3.13	105	5	ND	13	590	1	22	3	14	5.09	.146	19	24	1.93	34	.01	8	.47	.01	.13	1	2
ORO-C26	1	10	23	47	.1	74	17	972	8.94	23	5	ND	28	82	1	28	2	15	2.80	.167	57	24	.87	12	.01	10	.71	.01	.08	1	4
ORO-C27	1	14	18	46	.4	74	15	518	6.00	53	5	ND	12	240	1	52	2	11	3.46	.153	17	24	1.24	18	.01	2	.44	.01	.11	1	10
ORO-C28	6	29	27	64	1.4	102	18	42	5.43	86	5	ND	20	39	1	89	2	11	.58	.195	64	18	.03	14	.01	18	.61	.01	.05	1	22
ORO-C29	1	22	25	54	1.1	69	14	19	3.42	125	5	ND	11	40	1	58	2	6	.42	.151	27	8	.02	40	.01	10	.44	.01	.13	1	13
ORO-C30	1	13	17	42	1.3	73	15	239	3.66	139	5	ND	11	203	1	47	2	6	1.74	.150	21	13	.55	38	.01	17	.40	.01	.13	1	11
ORO-C31	1	5	25	56	.1	90	17	472	3.60	2	5	ND	21	156	1	3	2	43	4.87	.176	73	48	1.47	28	.01	2	.72	.01	.06	4	2
ORO-C32	1	24	22	55	.1	87	19	529	2.89	63	5	ND	15	273	1	38	2	15	3.46	.176	29	27	1.15	31	.01	14	.58	.01	.12	2	3
ORO-C33	1	18	4	18	7.8	49	7	29	17.27	148	6	ND	1	19	1	439	2	4	.22	.014	3	13	.04	7	.01	6	.26	.01	.04	2	126
ORO-C34	1	20	24	60	.1	87	18	512	2.25	101	5	ND	18	382	1	43	2	17	3.78	.222	30	28	1.30	33	.01	2	.61	.01	.13	1	8
ORO-C35	1	31	29	119	.1	117	23	247	8.29	10	5	ND	28	80	1	39	2	22	1.26	.264	118	26	.21	12	.01	6	.78	.01	.05	5	2
ORO-C36	1	30	29	63	2.7	85	19	30	5.85	169	5	ND	19	47	1	60	3	14	.61	.219	62	15	.02	14	.01	5	.72	.01	.07	4	39
STD C/AU-R	17	57	42	133	6.5	69	29	1010	4.09	38	22	7	36	47	17	15	19	57	.48	.093	37	55	.87	174	.06	34	1.93	.06	.14	12	495

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
ORO-C37	1	17	13	44	4.1	52	14	20	4.38	359	5	ND	11	18	1	83	2	7	.26	.083	33	34	.02	15	.01	5	.41	.01	.08	5	89
ORO-C38	2	39	16	19	3.7	34	13	48	13.32	168	5	ND	3	63	1	55	2	3	1.10	.041	5	12	.10	8	.01	2	.28	.01	.06	1	41
ORO-C39	1	26	8	13	.3	25	14	9	15.50	40	5	ND	7	5	1	84	2	3	.07	.017	4	34	.01	4	.01	3	.25	.01	.13	1	163
ORO-C40	1	17	5	12	.9	22	11	11	10.80	942	5	ND	5	8	1	113	2	2	.06	.011	4	6	.01	10	.01	2	.16	.01	.08	1	108
ORO-C41	1	20	4	13	2.6	33	10	16	7.21	640	5	ND	4	7	1	89	2	3	.06	.012	5	51	.01	12	.01	4	.19	.01	.06	3	101
ORO-C42	2	14	26	8	.3	37	9	210	2.42	10	5	ND	8	53	1	24	2	3	2.21	.030	14	8	.84	17	.01	13	.16	.01	.08	1	11
ORO-C43	1	12	9	18	.9	23	10	10	2.63	36	5	ND	7	7	1	25	2	3	.07	.018	10	36	.01	6	.01	5	.20	.01	.08	2	33

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
ORO-27	1	2	1696	49	3.3	5	2	637	1.49	7	5	ND	1	115	1	8	2	1	18.37	.001	2	1	5.33	1	.01	4	.02	.01	.01	1	3
ORO-28	1	6	5	3	.1	5	1	32	.36	2	5	ND	1	3	1	2	2	1	.02	.003	4	52	.01	10	.01	9	.08	.01	.05	1	4
ORO-29	1	2	14	11	.1	1	1	444	1.01	12	5	ND	1	197	1	2	2	1	21.25	.002	2	1	5.64	2	.01	3	.01	.01	.01	1	7
ORO-30	1	1	2	3	.1	1	1	201	.73	2	5	ND	1	57	1	2	2	1	16.05	.001	2	22	6.07	3	.01	2	.01	.01	.01	1	1
ORO-31	1	7	2	9	.1	2	2	257	1.82	66	5	ND	1	1731	1	2	2	2	31.43	.007	4	1	.56	4	.01	6	.04	.01	.01	1	7
ORO-32	1	2	2	2	.1	1	1	65	.18	3	5	ND	1	804	1	2	2	1	39.62	.006	4	1	.09	1	.01	2	.02	.01	.01	1	1
ORO-33	1	4	2	4	.1	1	1	208	.40	5	5	ND	1	115	1	2	2	1	26.59	.005	3	1	5.85	6	.01	15	.03	.01	.01	1	3
ORO-34	1	4	2	18	.1	1	1	504	1.42	3	5	ND	1	192	1	2	2	2	27.27	.007	2	1	4.28	3	.01	2	.02	.01	.01	1	2
ORO-35	1	3	2	1	.1	1	1	25	.11	2	5	ND	1	896	1	2	2	1	39.31	.004	2	1	.21	1	.01	2	.01	.01	.01	1	1
ORO-36	1	4	11	13	.1	6	2	81	.73	3	5	ND	1	27	1	2	2	1	1.11	.130	3	42	.17	1	.01	8	.16	.01	.01	1	1
ORO-37	1	1	19	34	.1	1	1	697	.28	2	5	ND	1	397	1	2	2	1	41.03	.001	2	1	.11	1	.01	2	.01	.01	.01	1	2
ORO-38	1	5	21	153	.1	9	6	180	2.51	2	5	ND	1	1162	1	2	2	3	35.23	.012	6	2	.09	2	.01	2	.14	.01	.01	1	1
ORO-39	1	4	3	19	.1	1	2	132	3.21	135	5	ND	1	1059	1	16	2	2	34.70	.007	3	3	.11	6	.01	3	.07	.01	.01	1	1
ORO-40	1	3	4	5	.1	4	1	53	.27	2	5	ND	1	904	1	2	2	1	38.65	.007	5	1	.08	1	.01	3	.05	.01	.01	1	1
ORO-41	2	155	5	8	.1	26	10	970	1.42	12	5	ND	1	459	1	2	2	1	16.33	.002	13	3	.68	9	.01	15	.04	.01	.01	1	4
ORO-42	1	24	26	14	1.0	12	6	8	3.86	118	5	ND	19	44	1	91	2	7	.71	.097	45	15	.01	29	.01	2	.33	.01	.04	6	18
ORO-43	1	6	3	1	2.4	3	1	33	.63	92	5	ND	7	20	1	65	2	4	.43	.008	37	5	.02	14	.01	8	.26	.01	.09	2	75
ORO-44	1	8	10	3	1.0	3	1	6	2.36	1300	5	ND	12	7	1	106	2	8	.06	.014	49	16	.01	15	.01	2	.38	.01	.06	6	129
ORO-45	1	7	5	5	5.1	4	1	23	1.72	1906	5	ND	4	6	1	76	2	3	.07	.003	10	8	.01	9	.01	6	.19	.01	.07	1	950
ORO-46	1	53	12	43	.1	108	21	701	3.08	18	5	ND	23	125	1	2	2	43	5.71	.203	91	89	1.47	83	.01	2	2.41	.01	.03	19	11
ORO-47	1	24	38	27	.1	55	9	86	1.39	28	7	ND	13	50	1	11	3	23	.32	.097	100	53	.42	121	.01	16	.95	.01	.05	14	11
ORO-48	1	3	6	2	.2	3	1	13	.16	7	5	ND	5	6	1	23	2	7	.09	.007	22	26	.02	22	.01	2	.32	.01	.02	8	4
ORO-49	1	4	19	2	1.0	4	1	9	.27	12	5	ND	6	7	1	42	2	7	.03	.007	35	9	.01	19	.01	2	.28	.01	.04	5	26
ORO-50	1	1	23	2	.4	3	1	6	.52	84	5	ND	5	17	1	26	2	4	.03	.009	34	16	.01	43	.01	6	.33	.01	.10	1	37
ORO-51	1	13	33	6	1.1	6	3	5	1.97	665	5	ND	20	41	1	69	2	6	.01	.034	55	9	.01	61	.01	10	.29	.01	.07	4	99
ORO-52	1	8	32	5	1.6	6	2	16	1.73	350	5	ND	23	13	1	49	2	9	.02	.032	40	23	.01	42	.01	2	.43	.01	.05	6	30
ORO-53	1	20	17	36	1.1	53	11	35	3.04	4138	5	ND	8	19	1	61	2	6	.23	.081	31	10	.02	24	.01	4	.28	.01	.08	2	290
STD C/AU-R	18	61	36	133	6.6	70	31	1001	4.04	40	17	7	37	48	19	15	22	58	.48	.091	38	56	.88	171	.06	35	1.96	.06	.14	12	530

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
SS-33 P	1	22	26	143	.3	23	10	477	2.76	28	5	ND	5	141	1	3	2	10	4.36	.075	15	12	.43	42	.01	2	.72	.01	.06	1	29
SS-34 P	1	25	15	145	.2	31	13	315	3.24	23	5	ND	5	84	1	8	2	12	1.96	.065	20	16	.63	53	.02	3	.99	.01	.09	21	12
SS-35	1	14	12	96	.1	20	9	324	2.50	2	5	ND	6	25	1	2	2	17	.44	.101	23	18	.42	41	.03	2	1.07	.01	.10	12	45
SS-36 P	1	16	14	72	.1	22	8	183	2.41	19	5	ND	2	222	1	2	2	9	6.67	.053	22	16	.45	31	.01	2	.93	.01	.03	1	7
SS-37 P	1	21	8	57	.1	26	10	270	2.57	13	5	ND	5	325	1	2	2	9	10.21	.046	14	15	.51	29	.01	2	.80	.01	.05	5	10
SS-38	1	16	8	54	.1	21	10	368	2.50	4	5	ND	4	57	1	2	2	9	1.41	.082	19	14	.38	33	.01	2	.75	.01	.05	1	4
SS-39 P	1	18	8	50	.1	26	9	318	2.59	17	5	ND	5	178	1	2	2	11	4.95	.043	14	19	.72	32	.01	2	.94	.01	.05	1	4
SS-40 P	1	8	8	30	.1	14	7	336	1.88	3	5	ND	3	22	1	2	2	8	.43	.057	14	11	.22	33	.01	3	.52	.01	.05	1	7
STD C/AU-S	17	62	40	139	7.1	66	30	1022	3.92	36	17	7	36	47	17	15	23	56	.48	.087	37	54	.86	175	.06	34	1.92	.06	.14	13	51

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .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 SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-P8 SOIL P9 SILT P10 ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: SEP 28 1989 DATE REPORT MAILED: Oct 5/89 SIGNED BY. G. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

OROPEX MINERALS INC. File # 89-3971 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
15+00N 9+88E	1	21	17	67	.1	27	11	250	3.16	20	5	ND	10	401	1	2	2	9	7.78	.052	25	15	.69	42	.01	4	.94	.01	.02	1
15+00N 10+00E	1	30	16	94	.2	39	18	203	4.20	25	5	ND	18	205	1	2	2	5	4.51	.056	43	9	.22	31	.01	2	.32	.01	.04	3
15+00N 10+20E	1	23	10	79	.1	31	13	179	3.68	19	5	ND	9	89	1	2	2	6	1.60	.039	43	8	.08	24	.01	12	.41	.01	.03	1
15+00N 10+40E	1	30	39	65	.1	35	22	481	6.33	88	5	ND	10	107	1	2	2	20	1.43	.046	37	19	.58	69	.01	3	1.58	.01	.04	1
15+00N 10+60E	1	24	15	46	.2	34	15	268	3.91	14	5	ND	9	728	1	2	2	5	10.20	.073	27	9	.35	17	.01	2	.64	.01	.02	2
15+00N 10+80E	1	21	21	42	.2	31	16	522	4.53	14	5	ND	6	331	1	2	2	5	3.50	.071	31	6	.10	51	.01	5	.54	.01	.03	2
15+00N 11+00E	1	18	29	68	.2	28	18	592	5.66	227	5	ND	10	116	1	2	2	13	1.05	.040	39	13	.16	85	.01	5	1.42	.01	.03	1
14+00N 9+25E	1	17	12	54	.1	25	11	209	2.99	32	5	ND	8	486	1	2	2	14	10.74	.069	23	15	.64	31	.01	12	.73	.01	.02	5
14+00N 9+40E	1	24	18	69	.1	25	11	331	3.27	30	5	ND	7	273	1	2	2	10	5.16	.061	30	14	.58	37	.01	2	.95	.01	.02	1
14+00N 9+60E	1	22	21	103	.3	29	14	459	3.60	34	5	ND	7	115	1	2	2	11	1.91	.076	35	17	.61	70	.01	8	1.22	.01	.03	1
14+00N 9+80E	1	25	24	69	.3	31	15	537	4.33	19	5	ND	5	118	1	2	2	11	2.12	.047	33	14	.52	46	.01	6	1.22	.01	.03	1
14+00N 10+00E	1	18	32	61	.1	31	18	956	4.85	26	5	ND	13	46	1	2	2	14	.64	.028	48	19	.58	97	.01	3	1.66	.01	.03	1
14+00N 10+20E	1	24	34	59	.2	33	19	882	5.30	34	5	ND	11	108	1	2	2	15	2.36	.033	54	17	.65	99	.01	2	1.76	.01	.03	1
14+00N 10+40E	1	16	34	47	.2	28	20	912	6.12	39	5	ND	17	26	1	2	3	16	.34	.021	45	21	.73	54	.01	4	2.08	.01	.02	2
14+00N 10+60E	1	12	17	53	.1	23	14	193	4.07	37	5	ND	10	32	1	2	2	22	.35	.018	37	25	.62	47	.01	2	1.82	.01	.03	1
14+00N 10+80E	1	18	40	56	.1	36	18	310	5.62	79	5	ND	14	27	1	2	2	25	.42	.024	34	29	.76	47	.01	6	2.05	.01	.03	1
14+00N 11+00E	1	17	26	48	.1	33	17	268	5.03	33	5	ND	8	75	1	2	2	31	1.20	.032	25	32	.54	103	.02	15	2.59	.01	.03	2
13+00N 9+20N	1	49	28	86	.2	74	33	350	7.15	33	5	ND	13	141	1	2	2	12	1.11	.061	56	20	.61	44	.01	2	1.13	.01	.02	3
13+00N 9+40E	1	34	42	63	.5	31	16	685	5.15	53	5	ND	5	156	1	2	2	18	1.89	.060	31	19	.40	59	.01	2	1.44	.01	.03	2
13+00N 9+60E	1	53	29	119	.2	56	28	312	6.91	126	5	ND	13	180	1	2	2	10	2.23	.089	54	15	.44	33	.01	2	.86	.01	.03	2
13+00N 9+80E	1	29	63	74	.2	32	21	1381	7.00	51	5	ND	7	82	1	2	2	17	.93	.058	49	21	.53	89	.01	2	1.67	.01	.03	1
13+00N 10+00E	1	14	67	74	.2	19	14	1091	5.97	17	5	ND	6	101	1	2	2	22	1.49	.053	38	19	.86	106	.01	2	1.94	.01	.03	1
13+00N 10+20E	1	17	28	66	.1	28	13	585	5.43	17	5	ND	7	101	1	2	2	22	.94	.034	36	22	.73	87	.02	2	2.02	.01	.03	1
13+00N 10+40E	1	14	32	32	.4	19	10	253	3.33	21	5	ND	7	942	1	2	2	3	10.27	.080	35	6	.22	31	.01	7	.65	.01	.02	1
13+00N 10+60E	1	16	33	47	.2	25	17	763	5.38	37	5	ND	7	57	1	2	2	23	.58	.040	33	22	.47	104	.01	2	1.93	.01	.03	1
13+00N 10+80E	1	17	28	41	.1	30	16	390	5.62	28	5	ND	12	19	1	2	2	33	.20	.028	30	31	.56	97	.02	2	3.08	.01	.02	3
13+00N 11+00E	1	17	34	54	.1	31	15	518	5.86	20	5	ND	11	13	1	2	2	39	.15	.029	20	32	.59	106	.03	2	2.50	.01	.03	3
12+00N 6+00E	1	11	13	51	.1	35	15	281	2.89	50	5	ND	4	42	1	3	2	14	1.71	.024	24	14	.15	22	.01	5	.74	.01	.03	1
12+00N 6+20E	1	8	7	28	.1	13	5	111	1.40	6	5	ND	1	120	1	2	2	11	2.63	.039	9	7	.66	26	.01	17	.88	.03	.02	1
12+00N 6+40E	1	16	10	30	.3	32	10	73	1.99	16	5	ND	5	81	1	2	2	15	1.88	.043	21	31	1.34	27	.01	5	1.38	.01	.03	2
12+00N 6+60E	1	10	9	21	.1	18	7	106	2.03	28	5	ND	3	447	1	5	2	5	13.61	.025	16	8	.48	23	.01	7	.47	.01	.02	1
12+00N 6+80E	1	9	13	49	.1	33	12	208	4.16	40	5	ND	14	145	1	5	2	13	5.79	.059	26	18	2.07	12	.01	5	1.38	.01	.02	4
12+00N 7+00E	1	26	8	65	.1	40	15	111	3.40	49	5	ND	9	138	1	2	2	7	2.96	.045	48	12	.31	19	.01	2	.44	.01	.03	1
12+00N 7+20E	1	32	7	84	.1	42	17	131	4.55	71	5	ND	16	112	1	2	3	9	2.59	.035	57	18	.86	13	.01	4	1.28	.01	.03	4
12+00N 7+40E	1	19	12	88	.2	37	15	230	4.38	70	5	ND	15	133	1	2	2	8	2.23	.048	54	16	.86	15	.01	11	1.04	.01	.03	5
12+00N 7+60E	1	24	13	86	.2	38	16	164	4.31	87	5	ND	17	104	1	2	2	8	2.29	.042	52	15	.99	19	.01	7	1.17	.01	.04	2
STD C	18	60	40	132	7.2	67	31	932	4.00	35	18	7	37	47	18	15	16	57	.49	.087	37	56	.88	175	.05	36	1.95	.06	.14	12

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
12+00N 7+80E	1	14	18	43	.1	44	14	248	2.65	16	5	ND	13	41	1	2	2	20	.69	.093	53	35	.67	30	.01	4	1.12	.01	.03	4
12+00N 8+00E	1	15	12	43	.1	32	13	304	2.64	19	5	ND	6	40	1	2	2	17	.72	.070	35	24	.55	44	.01	7	1.02	.01	.04	1
12+00N 8+20E	1	14	21	46	.1	43	15	370	3.26	29	5	ND	5	44	1	4	2	18	.81	.088	42	29	.62	26	.01	13	.95	.01	.05	3
12+00N 8+40E	1	16	14	40	.4	32	10	321	2.31	25	5	ND	8	324	1	5	2	12	9.12	.064	33	19	.94	20	.01	2	.68	.01	.03	4
12+00N 8+60E	1	19	18	42	.3	35	12	265	2.90	34	5	ND	5	60	1	2	2	14	1.27	.076	42	20	.53	47	.01	4	.94	.01	.03	2
12+00N 8+80E	1	17	17	46	.3	43	13	344	2.62	21	5	ND	8	66	1	5	2	18	1.60	.103	46	31	.79	39	.01	10	.97	.01	.04	4
12+00N 9+00E	1	14	17	44	.1	37	13	345	3.05	31	5	ND	7	115	1	5	2	16	2.68	.057	42	23	.65	33	.01	2	.87	.01	.03	2
12+00N 9+24E	1	34	15	77	.2	41	18	319	4.02	28	5	ND	9	379	1	2	2	8	6.16	.052	32	14	.50	42	.01	2	.85	.01	.03	2
12+00N 9+40E	1	7	13	26	.1	12	6	200	1.50	12	5	ND	1	133	1	2	2	7	1.26	.047	10	5	.12	64	.01	3	.55	.01	.03	1
12+00N 9+60E	1	18	58	48	.4	27	18	602	6.48	56	5	ND	16	43	1	2	2	11	.47	.030	71	13	.21	40	.01	5	.94	.01	.03	2
12+00N 9+80E	1	23	21	38	.1	23	6	161	2.76	60	5	ND	1	92	1	2	2	13	1.04	.030	26	12	.29	56	.01	4	1.07	.02	.03	2
12+00N 10+00E	1	12	28	38	.3	15	9	972	3.16	23	5	ND	3	62	1	2	2	16	.85	.026	17	11	.25	128	.01	3	.99	.01	.04	2
12+00N 10+20E	1	13	18	43	.2	23	14	492	4.26	29	6	ND	8	18	1	5	2	24	.17	.026	23	22	.51	150	.01	2	2.11	.01	.02	2
12+00N 10+40E	1	10	20	37	.1	17	9	284	3.33	27	5	ND	5	38	1	2	2	21	.38	.018	24	19	.47	84	.01	2	1.71	.01	.03	1
12+00N 10+60E	1	9	16	33	.1	14	7	666	2.53	13	5	ND	2	61	1	2	2	18	.84	.024	17	13	.40	91	.01	4	1.36	.02	.02	1
12+00N 10+80E	1	9	23	40	.1	17	10	485	4.19	14	5	ND	5	20	1	2	2	41	.22	.016	19	24	.42	113	.02	4	1.73	.01	.02	2
12+00N 11+00E	1	22	17	82	.3	33	13	289	3.95	44	6	ND	9	55	1	2	2	20	.68	.022	28	24	.85	89	.01	2	2.17	.01	.07	1
11+00N 5+00E	1	34	12	36	.2	46	22	209	4.28	58	5	ND	16	296	1	6	2	4	6.52	.058	53	5	.30	22	.01	5	.36	.01	.04	2
11+00N 5+20E	1	34	12	31	.4	48	24	210	4.44	42	5	ND	12	311	1	2	2	3	6.54	.069	70	4	.23	19	.01	3	.28	.01	.04	1
11+00N 5+40E	1	14	4	22	.4	22	10	160	1.93	16	5	ND	4	1012	1	2	2	2	23.68	.053	29	1	.21	16	.01	9	.17	.01	.02	2
11+00N 5+60E	1	3	2	9	.1	2	1	104	.37	2	5	ND	1	1376	1	2	2	1	34.57	.015	4	1	.22	3	.01	3	.06	.01	.01	1
11+00N 5+80E	1	23	11	69	.1	37	13	181	3.49	60	5	ND	4	126	1	2	2	8	2.11	.049	43	11	.31	28	.01	4	.66	.01	.03	2
11+00N 6+00E	1	29	18	97	.2	44	16	160	4.47	29	5	ND	16	46	1	2	2	8	.53	.034	60	19	.70	16	.01	2	1.41	.01	.02	1
11+00N 6+20E	1	44	20	109	.1	62	28	170	4.60	14	5	ND	28	31	1	8	3	8	.38	.038	80	21	.84	11	.01	3	1.50	.01	.02	1
11+00N 6+40E	1	32	16	89	.3	41	20	240	3.74	86	5	ND	14	243	1	8	2	7	5.54	.042	41	12	.42	20	.01	2	.72	.01	.03	2
11+00N 6+60E	1	30	11	86	.4	36	18	252	4.23	607	5	ND	13	272	1	38	4	7	6.56	.044	40	13	.45	24	.01	2	.81	.01	.03	3
11+00N 6+80E	1	24	40	81	.4	34	16	456	5.26	393	5	ND	6	91	1	23	2	9	1.50	.032	45	13	.24	25	.01	2	.74	.01	.02	3
11+00N 7+00E	1	15	25	44	.2	20	7	85	1.98	20	5	ND	12	19	1	6	2	3	.19	.015	70	7	.13	7	.01	2	.32	.01	.02	3
11+00N 7+20E	1	10	28	34	.2	17	7	85	2.35	74	5	ND	9	20	1	24	3	3	.19	.014	62	7	.12	17	.01	4	.36	.01	.02	4
11+00N 7+40E	1	17	31	55	.3	24	8	139	3.09	113	5	ND	10	79	1	24	2	5	1.32	.026	57	10	.29	17	.01	7	.60	.01	.02	9
11+00N 7+60E	1	23	25	71	.4	28	10	167	3.03	259	5	ND	11	343	1	12	3	5	5.55	.033	43	10	.33	9	.01	4	.60	.01	.02	3
11+00N 7+80E	1	16	22	57	.9	19	7	143	2.40	296	5	ND	11	520	1	8	2	4	9.55	.028	40	9	.31	10	.01	11	.60	.01	.02	2
11+00N 8+00E	1	20	20	63	.8	26	9	130	2.64	227	5	ND	9	410	1	11	2	4	6.95	.032	40	9	.32	14	.01	2	.62	.01	.02	2
11+00N 8+20E	1	18	22	68	.3	35	12	1005	3.22	38	5	ND	6	248	1	7	2	12	5.97	.084	47	22	.77	27	.01	3	.65	.01	.02	2
11+00N 8+40E	1	21	15	57	.3	41	14	343	2.91	40	5	ND	10	240	1	4	2	14	6.33	.084	44	22	.87	22	.01	3	.74	.01	.04	2
11+00N 8+55E	1	17	14	46	.3	39	14	310	2.77	48	5	ND	11	279	1	5	2	14	7.98	.076	44	23	.80	27	.01	2	.74	.01	.03	3
STD C	18	59	39	132	6.6	69	31	1028	4.10	36	21	7	37	47	18	16	22	56	.50	.086	37	55	.90	175	.06	35	1.97	.06	.14	12

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
11+00N 9+20E	1	29	20	77	.1	44	15	447	6.01	62	5	ND	12	42	1	13	2	8	.54	.029	50	14	.04	56	.01	2	.52	.01	.03	1
11+00N 9+40E	1	16	27	50	.2	23	13	645	4.60	30	5	ND	5	70	1	2	2	20	1.00	.037	36	25	.54	76	.01	8	1.29	.01	.02	3
11+00N 9+60E	1	14	31	37	.1	16	11	528	4.28	21	5	ND	7	30	1	2	3	19	.32	.022	23	15	.27	71	.01	2	1.17	.01	.02	1
11+00N 9+80E	1	12	13	35	.1	15	9	168	3.37	16	5	ND	7	12	1	2	3	28	.12	.013	20	22	.46	82	.01	2	1.71	.01	.02	1
11+00N 10+00E	1	16	40	41	.1	28	13	1385	4.77	14	5	ND	11	29	1	2	2	24	.36	.038	30	26	.51	130	.02	4	2.54	.01	.02	1
11+00N 10+20E	1	20	25	66	.1	27	12	238	4.27	18	5	ND	10	28	1	2	2	28	.31	.019	33	30	.74	95	.01	2	2.44	.01	.03	1
11+00N 10+40E	1	23	21	137	.1	36	19	540	4.71	23	5	ND	11	35	1	2	2	20	.45	.046	35	30	.92	69	.01	5	2.17	.01	.07	1
11+00N 10+60E	1	28	17	84	.2	38	14	361	3.94	22	5	ND	14	127	1	2	2	18	3.27	.045	40	29	.93	91	.01	3	2.05	.01	.08	1
11+00N 10+80E	1	26	18	90	.1	40	15	342	4.34	20	5	ND	14	39	1	2	2	20	.49	.047	44	32	.98	95	.01	3	2.22	.01	.08	1
11+00N 11+00E	1	17	26	88	.1	27	15	706	4.78	17	5	ND	7	35	1	2	2	29	.45	.044	17	30	.46	118	.02	3	2.86	.01	.02	1
10+50N 9+00E	1	50	112	61	.2	59	37	477	10.02	129	5	ND	11	340	1	2	3	13	5.72	.046	37	19	.47	45	.01	2	1.21	.01	.03	1
10+50N 9+20E	2	6	12	8	.5	4	3	22	1.89	67	5	ND	7	12	1	96	2	20	.19	.022	41	7	.02	16	.01	4	.46	.01	.02	5
10+50N 9+40E	1	6	13	21	.2	11	4	72	2.09	590	5	ND	2	28	1	19	3	20	.04	.029	39	10	.03	67	.01	2	.57	.01	.04	4
10+50N 9+60E	1	14	28	37	.1	28	14	371	4.50	32	5	ND	11	56	1	2	2	26	.86	.016	34	25	.58	62	.02	2	1.86	.01	.03	1
10+50N 9+80E	1	21	29	45	.1	35	16	258	5.71	36	5	ND	10	17	1	2	2	36	.19	.024	20	34	.60	68	.02	3	2.67	.01	.02	1
10+50N 10+00E	1	12	21	38	.2	18	9	241	3.43	22	5	ND	5	41	1	2	3	27	.54	.024	29	26	.46	88	.01	5	1.76	.01	.02	1
10+50N 10+20E	1	13	18	42	.1	24	13	410	4.09	29	5	ND	9	12	1	2	2	25	.13	.017	22	27	.53	82	.01	2	2.09	.01	.02	1
10+50N 10+40E	1	26	18	74	.2	32	13	231	3.90	23	5	ND	11	43	1	2	2	15	.49	.047	40	28	.82	60	.01	2	1.76	.01	.04	1
10+50N 10+60E	1	34	18	75	.1	41	18	268	4.06	17	5	ND	14	43	1	2	2	14	.56	.059	52	25	.82	50	.01	11	1.63	.01	.03	1
10+50N 10+80E	1	27	18	84	.1	41	18	311	4.27	17	5	ND	14	38	1	2	2	15	.44	.051	53	27	.91	52	.01	2	1.80	.01	.04	1
10+50N 11+00E	1	39	26	102	.2	50	21	336	5.21	46	5	ND	11	93	1	2	2	8	1.25	.057	48	19	.66	29	.01	6	1.33	.01	.02	1
10+00N 5+00E	1	7	4	22	.3	4	2	145	.67	4	5	ND	1	802	1	2	2	2	21.85	.032	7	3	.17	12	.01	17	.21	.01	.01	1
10+00N 5+20E	1	23	7	75	.1	30	13	151	3.01	35	5	ND	15	136	1	2	2	5	4.73	.035	43	12	.16	15	.01	2	.26	.01	.03	2
10+00N 5+40E	1	19	7	52	.1	27	12	156	3.13	53	5	ND	4	387	1	2	2	4	12.68	.036	21	9	.20	14	.01	2	.39	.01	.02	1
10+00N 5+60E	1	21	9	66	.1	31	14	225	3.21	27	5	ND	14	322	1	2	2	7	9.17	.035	38	16	.45	22	.01	2	.73	.01	.03	1
10+00N 5+80E	1	28	15	89	.1	36	13	175	3.99	28	5	ND	10	90	1	2	2	8	1.50	.050	44	18	.71	23	.01	2	1.41	.01	.02	1
10+00N 6+40E	1	13	13	33	.2	12	6	230	2.13	10	5	ND	3	65	1	2	2	10	1.19	.022	19	11	.31	36	.01	4	.94	.02	.02	2
10+00N 6+60E	1	12	20	54	.1	23	10	239	3.67	34	5	ND	8	51	1	2	2	12	1.11	.031	34	17	.50	52	.01	3	1.37	.01	.02	3
10+00N 6+80E	1	15	15	59	.1	23	11	298	4.06	30	5	ND	6	110	1	2	2	12	1.57	.043	41	19	.67	52	.01	2	1.37	.01	.02	1
10+00N 7+00E	1	22	13	84	.1	32	14	288	3.99	29	5	ND	11	336	1	2	2	6	6.30	.075	53	12	.33	29	.01	2	.64	.01	.02	32
10+00N 7+20E	1	7	4	19	.1	4	3	60	.73	2	5	ND	1	113	1	2	2	7	1.41	.025	6	3	.06	43	.01	2	.53	.02	.01	1
10+00N 7+40E	1	29	12	82	.1	36	17	291	4.25	374	5	ND	10	88	1	2	2	6	1.22	.040	41	10	.10	31	.01	2	.43	.01	.02	11
10+00N 7+60E	1	21	17	44	.1	22	15	119	3.75	61	5	ND	13	57	1	2	2	7	.99	.023	31	8	.10	23	.01	5	.45	.01	.03	3
10+00N 7+80E	1	22	28	65	.1	30	15	207	4.41	88	5	ND	11	118	1	2	2	9	1.83	.025	32	12	.16	33	.01	3	.90	.01	.03	2
10+00N 8+00E	1	33	19	103	.7	43	22	244	4.93	1534	5	ND	20	128	1	11	2	6	2.77	.048	50	13	.34	21	.01	2	.65	.01	.03	2
10+00N 8+20E	1	17	13	65	.2	26	10	193	2.53	20	5	ND	9	369	1	2	2	10	7.40	.058	23	21	.68	37	.01	5	.87	.01	.02	1
STD C	18	59	40	132	7.1	66	31	1034	4.06	38	18	6	36	47	18	15	23	57	.50	.084	37	56	.90	175	.05	34	1.98	.06	.14	12

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
10+00N 8+45E	1	18	10	56	.4	22	10	273	2.55	19	5	ND	8	459	1	2	2	8	9.70	.062	20	11	.59	26	.01	2	.68	.01	.02	2
10+00N 8+60E	1	23	12	63	.1	32	12	200	3.03	14	5	ND	8	186	1	2	2	13	3.54	.056	28	21	.61	34	.01	2	1.10	.01	.03	1
10+00N 8+80E	1	25	18	82	.1	44	18	257	4.39	23	5	ND	10	56	1	2	3	19	.62	.032	40	31	.88	43	.01	2	1.72	.01	.03	1
10+00N 9+00E	1	60	58	83	.3	64	31	739	8.03	90	5	ND	16	498	1	2	2	11	5.14	.061	57	20	.59	40	.01	2	1.10	.01	.02	2
10+00N 9+20E	1	20	10	57	.1	28	11	177	3.08	22	5	ND	4	216	1	2	2	13	3.27	.032	25	18	.65	62	.01	2	1.25	.01	.03	1
10+00N 9+40E	1	24	29	67	.3	43	17	433	5.21	66	5	ND	8	178	1	2	2	16	2.91	.052	39	24	1.67	50	.01	2	1.81	.01	.03	2
10+00N 9+60E	1	11	33	45	.1	24	13	800	4.76	25	5	ND	3	106	1	2	3	28	1.63	.037	34	25	.60	101	.02	2	1.78	.01	.03	2
10+00N 9+80E	1	20	22	44	.2	32	14	267	3.85	27	5	ND	8	111	1	2	2	27	2.68	.035	30	25	.68	56	.02	2	1.24	.01	.02	2
10+00N 10+00E	1	19	20	51	.1	40	17	322	5.02	27	5	ND	11	19	1	2	2	39	.32	.036	23	42	.66	92	.03	10	2.24	.01	.02	2
10+00N 10+20E	1	17	8	55	.3	23	10	200	2.75	14	5	ND	6	144	1	2	3	13	2.65	.050	30	18	.63	45	.01	2	1.15	.01	.03	1
10+00N 10+40E	1	20	16	64	.1	28	10	113	3.09	13	5	ND	9	46	1	2	3	14	.62	.054	37	22	.67	35	.01	2	1.24	.01	.03	1
10+00N 10+60E	1	18	12	66	.1	29	11	268	3.11	14	5	ND	5	72	1	2	2	13	1.04	.055	32	22	.63	37	.01	2	1.16	.01	.04	1
10+00N 10+80E	1	29	18	80	.2	30	13	244	3.84	15	5	ND	4	148	1	2	2	10	2.21	.060	31	18	.62	53	.01	2	1.27	.01	.02	1
10+00N 11+00E	1	32	19	88	.1	39	16	378	4.39	20	5	ND	8	133	1	4	2	11	2.12	.060	41	24	.71	46	.01	5	1.36	.01	.03	2
9+50N 8+00E	1	25	14	63	.2	25	13	249	3.33	25	5	ND	9	445	1	2	2	14	8.82	.053	24	16	.66	49	.01	2	.79	.01	.02	1
9+50N 8+20E	1	21	16	68	.2	26	11	245	2.91	23	5	ND	7	535	1	2	2	11	11.73	.053	22	13	.69	31	.01	4	.73	.01	.02	8
9+50N 8+40E	1	50	28	70	.3	44	22	593	4.41	40	5	ND	5	354	1	2	3	10	4.97	.060	36	14	.49	46	.01	2	.93	.01	.03	1
9+50N 8+60E	1	13	33	40	.1	16	10	582	3.41	26	5	ND	4	83	1	2	2	13	1.11	.026	30	14	.33	73	.01	6	1.15	.01	.02	1
9+50N 8+80E	1	22	46	51	.2	31	18	883	5.07	26	5	ND	9	80	1	2	3	13	.89	.038	50	18	.38	59	.01	2	1.52	.01	.02	1
9+50N 9+00E	1	14	22	58	.1	30	13	366	4.21	18	5	ND	10	20	1	2	3	17	.23	.023	35	30	.59	46	.01	4	1.71	.01	.02	1
9+50N 9+20E	1	21	14	58	.1	38	15	310	4.00	20	5	ND	9	34	1	2	2	29	.44	.072	34	33	.60	52	.01	2	1.32	.01	.04	1
9+50N 9+40E	1	18	22	62	.1	31	14	533	4.09	22	5	ND	6	55	1	2	2	17	.73	.040	41	25	.57	51	.01	5	1.51	.01	.04	1
9+50N 9+60E	1	13	2	36	.1	25	7	234	2.23	11	5	ND	4	308	1	2	2	23	6.55	.059	18	28	.68	59	.02	12	.75	.01	.02	1
9+50N 9+80E	1	18	42	49	.1	27	14	1270	5.27	25	5	ND	7	147	1	2	2	29	2.11	.032	32	25	.55	126	.02	10	2.02	.01	.04	1
9+50N 10+00E	1	17	27	47	.1	34	17	388	5.22	29	5	ND	12	18	1	2	2	34	.23	.029	26	37	.65	84	.02	3	2.48	.01	.03	1
9+50N 10+20E	1	24	16	74	.1	35	15	258	3.88	16	5	ND	8	48	1	2	2	18	.64	.040	39	27	.83	67	.01	6	1.76	.01	.05	1
9+50N 10+40E	1	27	17	76	.3	29	12	259	3.49	19	5	ND	4	96	1	2	2	14	1.34	.044	34	23	.73	67	.01	4	1.47	.01	.04	1
9+50N 10+60E	1	16	10	68	.1	26	10	146	2.99	13	5	ND	6	52	1	2	2	15	.65	.042	30	24	.64	49	.01	5	1.28	.01	.04	1
9+50N 10+80E	1	19	10	62	.1	22	9	222	2.65	9	5	ND	1	90	1	2	2	13	1.30	.038	24	18	.55	57	.01	3	1.16	.01	.04	1
9+50N 11+00E	1	22	10	68	.1	29	11	212	3.03	16	5	ND	7	202	1	2	3	13	4.29	.055	29	20	.71	51	.01	3	1.24	.01	.04	1
9+00N 5+00E	1	15	9	44	.1	21	9	296	2.67	33	5	ND	7	474	1	2	2	9	12.59	.040	22	16	.93	25	.01	4	.98	.01	.01	1
9+00N 5+20E	1	22	8	76	.1	29	12	162	3.60	147	5	ND	13	295	1	2	2	7	7.10	.042	43	16	.68	24	.01	2	1.07	.01	.02	1
9+00N 5+40E	1	30	9	95	.1	35	16	165	4.24	32	5	ND	16	200	1	2	2	7	4.05	.038	38	18	.89	15	.01	2	1.43	.01	.01	1
9+00N 5+60E	1	25	14	108	.1	37	15	191	4.50	166	5	ND	18	240	1	5	2	8	5.25	.039	45	24	1.19	16	.01	2	1.75	.01	.01	1
9+00N 5+80E	1	21	12	60	.1	28	11	253	3.85	106	5	ND	10	317	1	4	2	10	6.50	.044	33	18	.70	36	.01	2	1.18	.01	.02	1
9+00N 6+00E	1	21	10	67	.1	27	11	179	3.52	73	5	ND	11	364	1	2	2	9	7.41	.042	38	19	.81	21	.01	5	1.24	.01	.02	1
STD C	18	60	39	132	6.7	66	31	1007	3.98	36	21	7	37	47	18	15	20	57	.50	.090	38	55	.90	175	.05	32	1.90	.06	.14	13

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
9+00N 6+20E	1	21	10	102	.1	25	12	209	3.30	41	5	ND	8	309	1	2	2	8	5.35	.039	37	16	.63	23	.01	2	1.15	.01	.01	3
9+00N 6+40E	1	22	13	83	.1	29	12	118	3.03	8	5	ND	20	45	1	2	2	5	1.35	.041	64	13	.30	5	.01	2	.61	.01	.02	1
9+00N 6+60E	1	39	25	90	.1	45	21	227	4.38	6	5	ND	22	132	1	2	3	7	3.23	.035	60	19	.76	14	.01	2	1.30	.01	.02	2
9+00N 6+80E	1	37	12	103	.1	53	26	229	4.53	3	5	ND	26	58	1	2	2	8	1.31	.037	66	25	1.00	6	.01	2	1.68	.01	.01	3
9+00N 6+93E	1	28	18	95	.2	41	19	213	4.05	8	5	ND	21	77	1	4	2	7	1.94	.041	61	23	.75	9	.01	2	1.20	.01	.02	2
9+00N 7+23E	1	35	15	95	.1	45	20	173	4.32	7	5	ND	20	125	1	2	2	7	2.40	.043	53	17	.63	12	.01	2	1.03	.01	.01	5
9+00N 7+36E	1	24	10	74	.1	28	13	118	2.80	30	5	ND	12	476	1	2	2	4	8.66	.033	26	9	.43	18	.01	16	.40	.01	.01	1
9+00N 7+85E	1	18	10	57	.2	20	9	269	2.55	19	5	ND	8	557	1	2	2	8	11.61	.056	23	13	.59	30	.01	2	.75	.01	.02	1
9+00N 8+00E	1	17	16	71	.1	24	12	291	3.27	23	5	ND	5	237	1	2	2	10	4.13	.041	31	18	.59	47	.01	2	1.06	.01	.03	1
9+00N 8+20E	1	23	18	72	.1	36	16	378	3.79	30	5	ND	7	64	1	2	2	10	.78	.068	42	18	.58	42	.01	2	1.08	.01	.01	1
9+00N 8+40E	1	30	16	76	.1	35	17	242	3.68	57	5	ND	11	414	1	2	2	11	7.89	.055	30	19	.70	27	.01	2	1.01	.01	.02	1
9+00N 8+60E	1	39	44	75	.2	47	22	487	4.95	37	5	ND	10	249	1	2	2	12	3.23	.047	41	18	.53	47	.01	2	1.24	.01	.03	1
9+00N 8+80E	1	9	24	37	.1	18	10	387	3.35	10	5	ND	5	51	1	2	2	25	.58	.018	30	23	.32	76	.01	2	1.38	.01	.02	1
9+00N 9+00E	1	30	53	66	.3	42	24	655	6.03	81	5	ND	8	131	1	2	2	15	1.89	.066	80	23	.49	100	.01	2	1.48	.01	.03	1
9+00N 9+20E	1	19	24	77	.1	38	15	654	5.24	17	5	ND	16	34	1	2	2	13	.41	.050	76	28	.76	42	.01	2	2.09	.01	.02	1
9+00N 9+40E	1	14	25	68	.1	27	12	355	4.26	20	5	ND	11	36	1	2	2	15	.38	.026	49	24	.61	43	.01	2	1.58	.01	.03	1
9+00N 9+60E	1	20	35	61	.2	29	12	777	4.36	25	5	ND	4	126	1	2	2	13	1.85	.066	49	21	.49	36	.01	6	1.32	.01	.02	1
9+00N 9+80E	1	17	22	67	.2	30	13	473	4.07	20	5	ND	7	122	1	2	2	14	1.96	.048	38	21	.72	45	.01	2	1.26	.01	.02	1
9+00N 10+00E	1	19	13	71	.2	30	11	215	3.37	15	5	ND	6	61	1	2	2	14	.80	.044	32	23	.67	50	.01	2	1.41	.01	.03	1
9+00N 10+20E	1	19	17	70	.1	26	11	208	3.49	17	5	ND	5	64	1	2	2	15	.82	.032	31	23	.69	55	.01	2	1.48	.01	.04	1
9+00N 10+40E	1	17	11	58	.2	20	9	254	2.54	12	5	ND	1	119	1	2	2	12	1.70	.045	22	17	.52	52	.01	2	1.14	.01	.03	1
9+00N 10+60E	1	19	12	66	.1	27	10	201	2.89	15	5	ND	4	116	1	2	2	13	1.88	.052	26	22	.68	51	.01	3	1.27	.01	.04	1
9+00N 10+80E	1	12	12	66	.1	19	8	244	2.53	13	5	ND	2	93	1	2	3	12	1.32	.030	18	18	.52	48	.01	2	1.01	.01	.03	1
9+00N 11+00E	1	19	10	72	.1	27	10	193	3.02	16	5	ND	6	145	1	2	2	14	2.56	.049	27	21	.73	52	.01	2	1.35	.01	.05	1
8+00N 7+03E	1	21	20	64	.1	28	12	318	2.97	22	5	ND	7	398	1	2	2	9	8.00	.058	25	14	.60	27	.01	2	.84	.01	.03	1
8+00N 7+20E	1	19	18	67	.1	26	12	290	3.05	22	5	ND	7	303	1	2	2	10	5.85	.062	28	16	.63	37	.01	9	.96	.01	.03	1
8+00N 7+40E	1	18	19	63	.2	28	13	319	3.28	27	5	ND	8	323	1	2	2	12	6.50	.062	23	15	.68	20	.01	10	.75	.01	.02	1
8+00N 7+60E	1	29	40	67	.1	39	19	490	5.60	55	5	ND	6	119	1	2	2	9	1.63	.051	47	15	.47	38	.01	2	1.24	.01	.02	1
8+00N 7+80E	1	36	35	74	.3	45	19	567	4.56	39	5	ND	5	139	1	2	2	13	2.05	.058	44	22	.69	49	.01	2	1.38	.01	.03	1
8+00N 8+00E	1	33	54	78	.2	53	21	787	6.36	37	5	ND	9	104	1	2	3	11	1.14	.054	64	22	.39	52	.01	2	1.04	.01	.02	1
8+00N 8+20E	1	12	38	46	.1	27	16	508	5.08	31	5	ND	10	21	1	2	2	21	.23	.024	28	26	.38	133	.01	2	1.86	.01	.02	1
8+00N 8+40E	1	16	51	53	.2	29	13	710	4.79	21	5	ND	4	61	1	2	2	18	.91	.050	48	26	.44	113	.01	2	1.71	.01	.03	1
8+00N 8+60E	1	13	27	60	.1	33	14	403	4.62	33	5	ND	6	53	1	2	2	28	.84	.035	40	38	.73	79	.01	2	1.84	.01	.03	1
8+00N 8+80E	1	17	14	64	.1	25	10	162	3.04	13	5	ND	5	32	1	2	2	11	.42	.057	34	20	.61	31	.01	13	1.17	.01	.02	1
8+00N 9+00E	1	26	18	87	.3	37	16	374	3.61	20	5	ND	14	230	1	2	2	17	6.28	.038	35	26	.92	76	.01	2	1.73	.01	.09	1
8+00N 9+20E	1	15	50	47	.1	32	14	849	4.92	27	5	ND	5	91	1	2	2	27	1.45	.039	37	25	.50	123	.02	2	2.06	.01	.02	1
STD C	18	59	44	132	6.8	67	31	1023	4.01	42	17	6	37	48	19	15	22	58	.51	.092	38	55	.90	171	.06	32	1.94	.06	.13	13

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
8+00N 9+40E	1	18	31	55	.1	33	17	770	5.01	22	5	ND	8	77	1	2	2	33	1.34	.027	34	33	.68	94	.02	2	1.98	.01	.03	2
8+00N 9+60E	1	28	20	79	.1	36	15	283	3.93	20	5	ND	10	37	1	2	2	14	.44	.049	51	25	.84	52	.01	2	1.67	.01	.03	1
8+00N 9+80E	1	23	15	71	.1	27	10	205	3.11	11	5	ND	5	64	1	2	2	9	.95	.046	38	20	.65	38	.01	2	1.36	.01	.02	1
8+00N 10+00E	1	24	18	72	.1	27	11	206	3.42	17	5	ND	6	62	1	2	2	9	.87	.050	41	19	.68	42	.01	2	1.40	.01	.02	1
8+00N 10+20E	1	20	19	81	.1	27	10	264	2.98	8	5	ND	4	67	1	2	2	11	.97	.050	30	19	.64	46	.01	2	1.28	.01	.03	1
8+00N 10+40E	1	18	17	72	.1	27	10	215	3.15	11	5	ND	5	71	1	2	2	13	1.04	.053	35	20	.64	33	.01	4	1.15	.01	.02	1
8+00N 10+60E	1	17	9	55	.1	17	8	183	2.16	7	5	ND	1	86	1	2	2	10	1.36	.048	21	14	.43	46	.01	10	.96	.01	.02	1
8+00N 10+80E	1	5	2	22	.1	3	2	50	.49	2	5	ND	1	49	1	2	2	9	.84	.030	3	2	.07	15	.02	12	.24	.03	.01	1
8+00N 11+00E	1	25	15	73	.2	31	12	196	3.53	14	5	ND	9	131	1	2	2	13	2.23	.059	42	22	.80	38	.01	2	1.38	.01	.03	1
7+00N 6+40E	1	17	14	58	.1	25	12	297	3.28	26	5	ND	10	459	1	2	2	13	9.66	.062	26	20	.69	37	.01	7	.79	.01	.02	1
7+00N 6+60E	1	19	37	55	.3	27	16	541	4.57	27	5	ND	8	170	1	2	2	16	3.39	.040	35	17	.56	66	.01	2	1.36	.01	.03	2
7+00N 6+80E	1	49	44	66	.1	65	25	450	5.59	46	5	ND	9	243	1	2	2	9	3.22	.058	56	16	.81	34	.01	10	1.12	.01	.02	1
7+00N 7+00E	1	21	14	62	.1	32	12	386	3.55	18	5	ND	4	51	1	2	2	20	.71	.040	29	31	.65	82	.01	2	1.58	.01	.05	1
7+00N 7+20E	1	23	27	55	.1	35	16	292	4.82	355	5	ND	8	200	1	2	2	4	1.53	.062	58	10	.05	36	.01	9	.39	.01	.02	1
7+00N 7+40E	1	16	32	63	.1	21	11	291	3.51	23	5	ND	7	428	1	2	2	8	3.44	.039	32	10	.28	42	.01	2	1.02	.01	.02	1
7+00N 7+60E	1	30	14	40	.1	31	13	177	3.46	36	5	ND	3	265	1	2	2	7	2.64	.036	32	8	.15	35	.01	6	.69	.01	.02	1
7+00N 7+80E	1	28	32	75	.1	39	17	379	5.21	12	5	ND	10	74	1	2	2	7	.47	.031	58	16	.35	26	.01	2	.94	.01	.01	1
7+00N 8+00E	1	14	47	135	.1	25	18	514	5.72	32	5	ND	6	35	1	2	2	29	.30	.053	31	31	.44	61	.01	7	1.65	.01	.03	2
7+00N 8+20E	1	27	14	104	.1	40	14	244	4.36	19	5	ND	8	49	1	2	2	21	.56	.050	35	34	1.00	108	.01	2	2.50	.01	.09	1
7+00N 8+40E	1	31	15	87	.1	43	14	214	4.40	21	5	ND	8	52	1	2	2	20	.58	.040	41	32	.95	111	.01	5	2.30	.01	.08	1
7+00N 8+60E	1	26	21	63	.1	39	17	371	5.52	26	5	ND	7	74	1	2	2	55	1.14	.040	40	44	.56	49	.01	2	1.15	.01	.02	1
7+00N 8+80E	1	23	12	32	.1	20	6	171	1.88	13	5	ND	1	135	1	2	2	11	1.95	.044	15	11	.19	45	.01	5	.60	.01	.02	1
7+00N 9+00E	1	12	33	38	.1	15	8	446	3.56	18	5	ND	2	69	1	2	2	18	1.03	.030	24	16	.34	44	.01	2	1.27	.01	.02	2
7+00N 9+20E	1	11	19	54	.1	23	11	415	3.65	16	5	ND	4	108	1	2	2	25	1.69	.024	28	22	.44	48	.02	4	1.48	.01	.03	1
7+00N 9+40E	1	27	15	59	.1	28	12	358	3.03	11	5	ND	4	112	1	2	2	8	1.50	.050	31	15	.40	44	.01	7	.89	.01	.02	1
7+00N 9+60E	1	16	8	51	.1	16	7	190	2.01	10	5	ND	1	88	1	2	2	9	1.25	.035	19	12	.32	33	.01	5	.72	.01	.01	1
7+00N 9+80E	1	22	13	63	.1	25	10	119	3.23	12	5	ND	13	139	1	2	2	6	2.77	.042	36	12	.40	16	.01	2	.74	.01	.01	3
7+00N 10+00E	1	27	19	78	.1	35	15	236	4.60	28	5	ND	11	69	1	2	2	10	.96	.032	46	18	.56	43	.01	3	1.08	.01	.01	1
7+00N 10+20E	1	22	16	79	.1	29	11	192	4.06	17	5	ND	15	28	1	2	2	9	.44	.023	58	21	.79	23	.01	2	1.39	.01	.01	2
7+00N 10+40E	1	22	20	78	.1	24	10	534	3.33	19	5	ND	2	110	1	2	2	11	1.54	.045	33	17	.53	46	.01	4	1.17	.01	.02	1
7+00N 10+60E	1	19	20	79	.1	37	14	337	4.39	15	5	ND	6	71	1	2	2	19	.78	.024	34	34	.92	44	.01	7	2.12	.01	.03	2
7+00N 10+80E	1	15	7	63	.1	18	9	197	2.29	10	5	ND	2	91	1	2	2	10	1.26	.046	25	17	.53	42	.01	5	1.05	.01	.02	1
7+00N 11+00E	1	16	7	60	.1	20	8	188	2.18	5	5	ND	1	82	1	2	2	9	1.26	.039	23	15	.51	43	.01	4	1.01	.01	.02	1
STD C	18	60	39	132	6.6	68	31	1014	3.99	40	20	6	37	48	18	15	22	58	.50	.089	38	56	.90	175	.05	34	1.91	.06	.14	12

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
6+00N 6+80E	1	37	37	71	.3	46	22	300	4.92	68	5	ND	8	391	1	2	2	13	5.52	.051	38	20	.54	61	.01	2	1.13	.01	.04	1
6+00N 7+00E	1	11	29	58	.2	25	15	197	4.40	21	5	ND	9	27	1	2	2	34	.29	.017	34	37	.53	78	.01	2	2.19	.01	.03	1
6+00N 7+20E	1	20	13	59	.1	31	15	348	3.83	20	5	ND	7	41	1	2	2	26	.55	.029	35	37	.65	72	.01	2	1.62	.01	.04	1
6+00N 7+40E	1	40	13	80	.3	43	15	356	3.83	36	5	ND	3	83	1	2	2	20	1.19	.062	32	32	.63	125	.01	2	1.66	.01	.05	1
6+00N 7+60E	1	19	43	61	.1	30	14	529	4.94	23	5	ND	11	68	1	2	3	13	.44	.050	58	24	.57	67	.01	2	1.46	.01	.02	1
6+00N 7+80E	1	32	19	100	.3	49	21	133	4.95	12	5	ND	19	346	1	2	2	7	3.49	.083	44	20	.61	17	.01	2	1.00	.01	.02	1
6+00N 8+00E	1	26	24	64	.2	43	15	439	4.02	20	5	ND	16	53	1	2	2	19	.43	.042	55	35	.74	40	.01	5	1.40	.01	.02	1
6+00N 8+20E	1	18	27	69	.1	31	13	212	3.67	18	5	ND	6	126	1	2	2	5	.80	.041	55	15	.49	32	.01	2	1.20	.01	.02	1
6+00N 8+40E	1	31	24	85	.2	45	15	202	4.31	37	5	ND	15	105	1	2	3	9	.90	.054	53	27	.94	27	.01	2	1.81	.01	.02	1
6+00N 8+60E	1	25	7	52	.4	22	6	371	1.71	13	6	ND	1	169	1	3	2	8	2.96	.063	18	11	.28	81	.01	5	.79	.01	.02	1
6+00N 8+80E	1	10	8	84	.1	16	7	192	2.15	6	5	ND	1	80	1	2	2	13	1.21	.051	16	18	.43	75	.01	2	1.07	.01	.03	1
6+00N 9+00E	1	15	5	82	.1	20	9	252	2.49	10	5	ND	1	97	1	2	2	13	1.41	.050	20	20	.50	56	.01	7	1.17	.01	.03	1
6+00N 9+20E	1	33	15	99	.2	44	16	268	4.11	20	5	ND	9	90	1	2	3	10	1.12	.047	44	26	.66	39	.01	3	1.41	.01	.02	1
6+00N 9+40E	1	16	6	75	.1	20	9	372	2.16	8	5	ND	1	144	1	2	2	12	2.33	.055	18	15	.40	45	.01	6	.82	.01	.01	1
6+00N 9+60E	1	26	14	85	.2	32	13	349	3.65	24	5	ND	6	92	1	2	2	13	1.37	.059	37	23	.69	49	.01	6	1.36	.01	.03	1
6+00N 9+80E	1	30	13	92	.1	37	16	219	4.08	25	5	ND	11	148	1	2	2	10	2.82	.045	39	24	.87	40	.01	9	1.63	.01	.02	1
6+00N 10+00E	1	19	7	71	.1	23	9	199	2.48	12	5	ND	1	96	1	2	2	13	1.55	.054	24	20	.58	50	.01	10	1.23	.01	.03	1
6+00N 10+20E	1	23	8	76	.2	32	11	256	3.17	16	5	ND	4	97	1	2	2	16	1.68	.058	34	28	.82	69	.01	2	1.66	.01	.05	1
6+00N 10+40E	1	22	6	80	.1	30	11	235	3.37	12	5	ND	11	192	1	2	2	11	3.06	.044	44	24	.94	39	.01	2	1.72	.01	.03	2
6+00N 10+60E	1	21	5	78	.2	28	11	203	3.25	11	5	ND	11	234	1	2	2	11	3.87	.047	44	23	.91	36	.01	2	1.63	.01	.03	1
6+00N 10+80E	1	20	6	75	.1	29	11	205	3.51	12	5	ND	11	202	1	2	2	12	3.18	.049	47	26	.96	39	.01	2	1.72	.01	.03	1
6+00N 11+00E	1	24	10	72	.1	30	11	239	3.29	10	5	ND	7	164	1	2	2	13	2.81	.048	42	25	.89	50	.01	2	1.67	.01	.04	1
5+00N 6+84E	1	20	12	64	.1	29	11	275	2.72	20	5	ND	5	357	1	2	3	9	6.96	.050	24	21	.62	30	.01	4	.82	.01	.02	2
5+00N 7+00E	1	66	22	107	.2	57	24	195	5.10	127	5	ND	17	214	1	2	3	6	3.25	.046	44	16	.60	22	.01	2	1.10	.01	.01	1
5+00N 7+20E	1	86	24	137	.2	83	37	205	7.87	5	5	ND	25	306	1	10	2	2	5.49	.041	67	5	.22	21	.01	2	.33	.01	.02	1
5+00N 7+40E	1	15	33	77	.1	41	15	285	4.19	15	5	ND	9	116	1	2	2	12	1.64	.044	55	25	.82	38	.01	2	1.43	.01	.02	1
5+00N 7+60E	1	12	31	42	.1	20	12	329	3.51	30	5	ND	4	78	1	2	2	14	.97	.020	30	19	.36	42	.01	2	1.09	.01	.02	1
5+00N 7+80E	1	17	29	59	.1	31	17	208	4.77	68	5	ND	4	95	1	3	2	24	1.20	.025	18	28	.57	52	.03	2	2.00	.04	.04	1
5+00N 8+00E	1	27	48	57	.1	30	13	325	4.68	311	5	ND	5	326	1	2	2	7	2.87	.071	43	14	.37	33	.01	8	.91	.01	.01	1
5+00N 8+20E	1	34	14	82	.1	46	16	229	3.92	43	5	ND	15	545	1	2	2	10	4.23	.069	53	25	.64	31	.01	2	1.06	.01	.03	1
5+00N 8+40E	2	28	15	58	.1	71	14	252	4.35	6	5	ND	8	137	1	2	2	41	1.20	.030	52	79	.80	41	.01	2	1.47	.01	.03	1
5+00N 8+60E	1	29	27	74	.1	42	15	364	4.05	34	5	ND	5	89	1	2	2	15	1.11	.056	45	34	.76	57	.01	2	1.37	.01	.02	1
5+00N 8+80E	1	22	14	76	.1	30	12	306	3.28	16	5	ND	6	115	1	2	2	18	2.21	.060	31	27	.82	82	.01	8	1.62	.01	.05	1
5+00N 9+00E	1	18	7	73	.1	23	9	249	2.62	10	5	ND	3	192	1	2	2	15	3.64	.061	25	23	.70	64	.01	6	1.19	.01	.04	1
5+00N 9+20E	1	24	6	75	.1	28	11	188	3.03	14	5	ND	2	97	1	2	2	16	1.82	.059	29	24	.74	80	.01	2	1.44	.01	.04	1
STD C	18	58	36	132	6.5	66	30	994	3.88	39	17	7	36	47	17	15	19	56	.49	.087	37	55	.87	175	.05	32	1.89	.06	.14	13

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
5+00N 9+40E	1	15	8	53	.1	19	7	109	2.19	11	5	ND	2	71	1	2	2	12	1.35	.040	16	14	.43	65	.01	2	1.03	.01	.03	2
5+00N 9+60E	1	25	9	69	.2	28	11	154	2.87	13	5	ND	3	92	1	2	2	15	1.84	.055	25	19	.64	73	.01	5	1.27	.01	.04	1
5+00N 9+80E	1	21	9	57	.1	27	10	245	2.84	14	5	ND	5	119	1	2	2	12	2.43	.045	24	17	.64	57	.01	3	1.14	.01	.04	1
5+00N 10+00E	1	25	12	65	.2	26	9	229	3.02	18	5	ND	9	199	1	2	2	14	4.26	.053	29	20	.77	54	.01	2	1.32	.01	.04	1
5+00N 10+20E	1	22	15	59	.2	24	9	170	2.79	12	5	ND	6	159	1	2	2	14	3.32	.051	26	18	.70	55	.01	2	1.20	.01	.05	1
5+00N 10+40E	1	25	13	71	.1	30	11	229	3.29	12	5	ND	8	148	1	2	2	13	2.89	.049	35	20	.82	51	.01	2	1.46	.01	.04	1
5+00N 10+60E	1	21	11	70	.1	26	10	176	3.10	12	5	ND	9	162	1	2	3	11	2.83	.050	35	18	.82	32	.01	2	1.44	.01	.03	1
5+00N 10+80E	1	28	10	70	.1	33	12	189	3.25	13	5	ND	8	139	1	2	2	10	2.16	.043	38	19	.75	37	.01	3	1.40	.01	.03	1
5+00N 11+00E	1	27	15	76	.1	36	13	224	3.56	18	5	ND	9	178	1	2	2	11	2.70	.045	40	20	.81	38	.01	5	1.47	.01	.03	1
STD C	18	60	43	132	6.7	67	30	1016	4.03	40	20	7	37	48	18	15	16	58	.50	.089	38	52	.90	175	.05	34	1.95	.06	.13	13

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
SS 1	1	18	11	70	.1	24	11	327	2.68	18	5	ND	6	402	1	2	2	8	8.22	.056	16	12	.54	30	.01	2	.75	.01	.03	1	3
SS 2	1	16	10	60	.1	23	10	330	2.72	15	5	ND	7	505	1	2	2	9	10.40	.049	22	14	.71	43	.01	3	.74	.01	.02	1	1
SS 3	1	19	8	54	.1	28	13	648	2.96	4	5	ND	4	41	1	2	2	11	.77	.097	20	18	.44	49	.01	5	.95	.01	.05	1	6
SS 4	1	16	11	49	.1	28	12	858	3.57	17	5	ND	4	38	1	2	2	10	5.20	.075	16	13	1.29	59	.01	3	.64	.01	.05	1	6
SS 5	1	17	11	60	.1	30	14	617	3.43	8	5	ND	6	51	1	2	2	7	2.50	.060	20	15	.56	29	.01	2	.92	.01	.05	1	3
SS 6	1	14	7	64	.1	23	11	618	3.00	10	5	ND	4	31	1	2	2	12	.74	.072	19	15	.41	99	.01	4	1.06	.01	.05	1	1
SS 7	1	22	12	63	.1	27	15	768	3.67	8	5	ND	7	29	1	2	2	11	.54	.087	24	16	.44	53	.01	2	1.01	.01	.05	1	5
SS 8	1	17	12	61	.1	27	14	568	3.17	9	5	ND	8	142	1	2	2	8	4.45	.051	23	13	.64	142	.01	2	.86	.01	.04	1	1
SS 9	1	16	13	64	.1	27	13	613	2.92	8	5	ND	4	99	1	2	2	7	3.05	.066	24	12	.55	38	.01	9	.98	.01	.04	1	4
SS 10	1	24	13	72	.1	32	17	581	3.68	17	5	ND	7	47	1	2	2	9	1.55	.059	19	14	.73	46	.01	2	1.16	.01	.05	1	1
SS 11	1	14	12	74	.1	17	8	376	2.29	13	5	ND	3	160	1	2	2	7	7.38	.043	20	11	.46	41	.01	9	.82	.01	.03	1	3
SS 12	1	5	6	25	.2	8	4	246	1.08	11	5	ND	2	505	1	2	2	3	20.27	.013	8	4	.79	13	.01	2	.27	.01	.01	1	2
SS 13	1	13	10	47	.1	17	7	310	2.20	7	5	ND	3	207	1	2	2	18	5.10	.055	21	17	.47	54	.02	10	.79	.01	.03	1	1
SS 14	1	24	17	80	.1	28	14	320	3.39	312	5	ND	6	112	1	2	3	11	2.18	.032	25	12	.26	37	.01	7	.60	.01	.03	1	28
SS 15	1	10	9	62	.1	16	10	1084	2.76	29	5	ND	2	67	1	2	2	11	1.51	.048	21	16	.35	87	.01	9	.93	.01	.04	1	1
SS 16	1	18	8	46	.1	23	10	222	2.37	35	5	ND	4	300	1	2	2	10	9.58	.035	18	14	.47	39	.01	5	.69	.01	.02	2	6
SS 17	1	15	11	57	.1	25	10	648	2.83	11	5	ND	4	70	1	2	2	15	1.45	.074	22	26	.60	136	.01	5	.99	.01	.04	1	1
SS 18	1	8	9	32	.1	14	6	208	1.63	17	5	ND	3	413	1	2	2	7	14.78	.026	13	9	.52	31	.01	2	.47	.01	.02	2	1
SS 19	1	11	20	42	.1	18	7	174	2.06	24	5	ND	4	517	1	2	2	8	15.94	.035	12	10	.89	29	.01	17	.62	.01	.02	3	1
SS 20	1	12	9	49	.1	16	7	227	1.87	7	5	ND	5	345	1	2	2	10	13.65	.039	15	13	.64	58	.01	9	.83	.01	.05	1	7
SS 21	1	36	18	98	.1	49	21	275	4.35	35	5	ND	16	190	1	2	2	9	3.36	.057	28	18	.85	14	.01	2	1.02	.01	.01	1	3
SS 22	1	3	3	19	.1	4	2	71	.52	3	5	ND	1	376	1	2	2	2	22.47	.013	4	3	.25	19	.01	3	.22	.01	.01	1	3
SS 23	1	16	15	74	.1	25	11	154	2.96	17	5	ND	5	147	1	2	2	7	2.31	.043	23	7	.24	14	.01	4	.46	.01	.02	1	6
SS 24	1	29	17	92	.1	35	16	264	3.73	26	5	ND	7	180	1	2	2	8	3.16	.042	20	12	.48	17	.01	6	.85	.01	.01	1	4
SS 25	1	35	19	104	.1	42	18	355	4.04	69	5	ND	8	294	1	2	2	4	7.04	.035	12	8	.45	15	.01	2	.62	.01	.01	1	2
SS 26	1	18	17	74	1.9	29	12	314	3.15	20	5	ND	7	150	1	2	2	10	2.90	.064	23	13	.51	23	.01	16	.90	.01	.03	2	1
SS 27	1	15	11	67	.2	20	9	244	2.17	10	5	ND	7	69	1	2	2	9	1.20	.054	22	11	.44	19	.01	8	.79	.01	.02	1	6
SS 28	1	18	19	101	.1	28	12	250	3.24	8	5	ND	10	115	1	2	3	11	2.20	.080	35	14	.76	20	.01	2	1.18	.01	.03	1	4
SS 29	1	12	8	51	.3	16	8	201	2.16	11	5	ND	7	461	1	2	2	9	10.20	.043	19	11	.43	20	.01	5	.71	.01	.03	1	8
SS 30	1	12	10	85	.1	18	9	276	2.62	18	5	ND	8	111	1	2	2	11	2.10	.098	24	15	.56	35	.01	2	.95	.01	.04	3	16
SS 31	1	19	22	112	.1	30	12	261	3.08	48	5	ND	6	130	1	2	2	8	2.97	.073	21	17	.52	24	.01	14	.79	.01	.03	1	10
SS 32	1	9	9	75	.1	17	7	186	2.21	12	5	ND	7	87	1	2	2	9	1.79	.101	20	12	.48	31	.01	6	.80	.01	.03	3	12
SS RED	1	16	15	48	.1	31	10	359	2.30	15	5	ND	8	414	1	2	2	10	13.36	.060	32	18	1.30	24	.01	18	.58	.01	.03	2	15
SS MEL 1	1	23	14	66	.1	31	12	233	2.87	13	5	ND	9	284	1	2	2	10	6.65	.046	27	17	.72	36	.01	2	1.10	.01	.03	1	5
SS MEL 2	1	4	2	12	.1	4	1	24	.11	2	5	ND	1	363	1	2	4	1	28.53	.014	7	1	.16	22	.01	13	.06	.01	.01	1	1
SS LIN	1	25	11	75	.1	34	14	234	3.37	29	5	ND	9	159	1	2	2	9	3.35	.042	35	18	.63	31	.01	2	1.01	.01	.03	1	5
STD C/AU-S	18	59	39	132	6.6	68	30	1012	4.00	42	17	7	37	48	17	16	19	58	.50	.089	38	52	.89	176	.05	35	1.93	.06	.14	12	48

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
ORO 1	1	2	12	12	.1	6	1	354	2.53	10	5	ND	1	1128	1	2	2	1	35.89	.004	4	1	1.29	2	.01	2	.01	.01	.01	1	4
ORO 2	1	6	18	15	.1	4	1	411	1.30	9	5	ND	3	1222	1	2	2	1	26.27	.013	6	17	.52	4	.01	2	.04	.01	.03	1	1
ORO 3	1	6	8	14	.1	7	1	518	1.30	10	5	ND	1	293	1	3	2	1	14.23	.013	2	5	5.62	3	.01	2	.03	.01	.03	1	4
ORO 4	1	12	5	22	.1	3	1	11	.34	8	8	ND	2	280	1	3	2	2	37.18	.007	2	7	.12	11	.01	41	.16	.01	.02	2	1
ORO 5	1	24	10	13	.1	12	4	474	.87	6	5	ND	2	2146	1	2	2	3	27.36	.005	4	20	.21	3	.01	2	.13	.01	.02	1	2
ORO 6	2	2	2	6	.1	7	1	236	.47	2	5	ND	1	68	1	2	2	1	4.92	.003	3	7	.89	3	.01	5	.01	.01	.01	1	4
ORO 7	1	2	5	6	.1	3	1	358	.83	20	5	ND	1	482	1	14	2	5	36.76	.005	3	4	1.83	2	.01	3	.01	.01	.01	1	4
ORO 8	1	4	3	2	.1	3	1	146	.18	8	5	ND	1	282	1	2	2	1	39.86	.005	2	2	.07	9	.01	2	.01	.01	.02	1	2
ORO 9	1	6	9	11	.5	10	2	288	1.23	236	5	ND	2	69	1	19	2	2	12.86	.030	4	17	.19	31	.01	2	.06	.01	.04	7	13
ORO 10	1	16	10	47	.1	41	13	449	2.68	11	5	ND	18	167	1	2	2	53	6.43	.185	34	63	2.24	43	.10	4	2.08	.02	.03	1	1
ORO 11	1	6	2	5	.1	5	2	178	.53	12	8	ND	4	288	1	2	2	2	39.40	.005	6	4	.25	14	.01	2	.08	.01	.03	1	1
ORO 12	1	9	15	11	.7	12	3	10	1.32	31	5	ND	4	11	1	39	2	2	.10	.008	14	28	.01	23	.01	4	.18	.01	.09	1	16
ORO 13	1	4	2	5	1.1	8	2	12	1.19	49	5	ND	4	20	1	57	2	2	1.01	.007	23	7	.02	20	.01	2	.19	.01	.08	1	27
ORO 14	1	8	6	9	.5	10	3	8	1.58	55	5	ND	6	10	1	35	2	2	.05	.011	14	28	.01	24	.01	3	.21	.01	.10	1	14
ORO 15	1	11	9	15	.1	11	4	6	1.69	42	5	ND	6	10	1	44	2	2	.09	.013	16	6	.01	23	.01	3	.23	.01	.12	1	22
ORO 16	1	16	15	42	.1	22	7	26	2.93	52	5	ND	10	45	1	64	2	3	.57	.033	37	21	.05	24	.01	4	.46	.01	.10	3	15
ORO 17	1	3	7	18	.8	9	2	9	1.57	52	5	ND	8	13	1	24	2	3	.07	.034	25	7	.02	25	.01	8	.28	.01	.11	1	18
ORO 18	1	1	5	4	.1	2	1	126	.39	10	5	ND	1	514	1	2	2	1	39.68	.004	2	1	.07	7	.01	3	.03	.01	.01	1	4
ORO 19	3	6	6	13	.1	10	1	44	.37	6	5	ND	1	71	1	2	2	1	.80	.001	2	7	.02	2	.01	2	.02	.01	.01	1	1
ORO 20	1	6	10	11	.1	6	3	438	1.84	15	14	ND	3	192	1	7	2	2	31.49	.008	4	4	3.17	8	.01	2	.04	.01	.03	3	5
ORO 21	1	6	8	7	.1	4	2	94	.46	13	5	ND	2	129	1	2	2	1	36.64	.004	4	2	.08	5	.01	2	.02	.01	.02	1	1
ORO 22	1	27	44	68	.1	156	28	419	3.71	12	5	ND	37	50	1	6	2	58	1.21	.272	195	115	1.42	17	.01	7	2.29	.01	.03	32	3
ORO 23	1	10	17	14	.1	33	8	19	5.65	15	5	ND	9	12	1	36	2	13	.67	.041	19	28	.07	14	.01	3	.49	.01	.06	12	3
ORO 24	1	13	15	12	.6	20	6	21	1.13	149	5	ND	11	13	1	42	2	7	1.18	.043	30	12	.02	28	.01	3	.42	.01	.11	4	29
ORO 25	2	90	26	62	.1	51	12	49	11.25	143	5	ND	14	67	1	23	2	7	1.45	.066	130	31	.02	16	.01	9	1.06	.01	.15	3	2
ORO 26	1	9	12	4	.1	6	1	8	.80	28	5	ND	4	8	1	26	2	4	.08	.007	16	8	.02	25	.01	5	.36	.01	.12	6	9
STD C/AU-R	19	62	43	132	6.7	70	30	1028	3.97	42	23	8	37	48	20	16	22	61	.45	.085	39	54	.89	173	.06	35	1.92	.06	.14	11	490

APPENDIX B

ROCK SAMPLE DESCRIPTION TABLES

ROCK SAMPLE DESCRIPTION TABLE

Sample #	Description	Au(ppb)	Ag(PPM)	As(PPM)
1	White quartz-siderite (Limestone ?) 1/8" pyrite crystals	4	.1	10
2	Quartz vein Minor sericite schist & iron staining	1	.1	9
3	Grey limestone with calcite crystals Minor iron staining	4	.1	10
4	Soft, white calcite stream deposit	1	.1	8
5	White quartz vein Minor sericite in fractures	2	.1	6
6	White quartz vein Strong iron stained calcite in fractures	4	.1	2
7	Banded calcite crystals from a vug in limestone	4	.1	20
8	Brown iron stained, grey limestone	2	.1	8
9	Weakly vuggy & iron stained silicified limestone breccia	13	.5	236
10	Fresh outcrop diorite Hornblende & biotite crystals Quartz eyes	1	.1	11
11	Iron stained limestone breccia from a thrust fault	1	.1	12
18	Iron stained calcite in fractures of grey limestone	4	.1	10
19	Iron stained calcite in fractures of white quartz vein	1	.1	6

20	Brown iron stained calcite crystals	5	.1	15
21	White 1/4" calcite crystals in limestone	1	.1	13
27	Red-brown iron stained white limestone	3	3.3	7
28	Iron stained calcite in fractures in quartz vein	4	.1	2
29	1/2" quartz stringers in black crystallized limestone	7	.1	12
30	White 1" quartz stringers in grey limestone	1	.1	2
31	Highly vuggy iron stained grey limestone	7	.1	66
32	Red-brown iron stained grey limestone	1	.1	3
33	Strong red-brown iron stained white limestone	3	.1	5
34	Red-brown iron stained and pyrolusite stained recrystallized limestone	2	.1	3
35	Weakly silicified & red -brown iron stained limestone	1	.1	2
36	Brown iron stained bull quartz vein	1	.1	3
37	Limestone with iron stained calcite crystals in fractures	2	.1	2
38	Red-brown iron stained calcite crystals in fractures in limestone	1	.1	2
39	1" limestone fragments cemented by iron stained calcite	1	.1	135
40	1/2" calcite stringers cutting grey limestone	1	.1	2

ROCK TRENCH SAMPLES

Sample #	Description	Au(ppb)	Ag(PPM)	As(PPM)
Trench # 4				
2 metres from surface				
68	Iron stained altered diorite	5	.1	58
69	Iron stained phyllite and altered diorite	4	.1	53
3.8 metres from surface				
70	Iron stained altered diorite with minor phyllite	21	.3	9
71	Strongly iron stained phyllite and altered diorite	9	.1	55
6.3 metres from surface				
72	1-2 % pyrite in altered diorite with strong iron and pyrolusite staining	10	.1	43
73	Highly crushed & iron stained phyllite	5	.1	10
Trench # 5				
74	Gouge of grey silicified limestone with minor iron staining (Same as # 76)	36	.1	96
75	Gouge of grey silicified limestone with weak iron staining & < 1% pyrite (Same as # 77)	5	.1	15