

ARIS SUMMARY SHEET

District Geologist, Kamloops

Off Confidential: 92.09.03

ASSESSMENT REPORT 21634

MINING DIVISION: Osoyoos

PROPERTY: Blue Ox
LOCATION: LAT 49 01 20 LONG 119 31 00
UTM 11 5432758 316008
NTS 082E04E

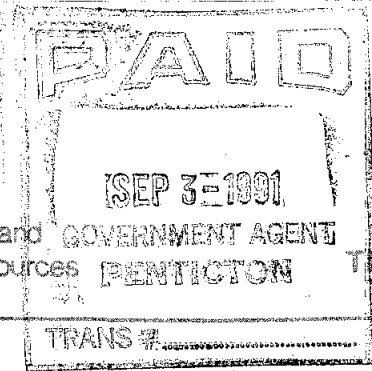
CAMP: 009 Similkameen - Boundary Area

CLAIM(S): Blue Ox
OPERATOR(S): Keller G.E.
AUTHOR(S): Keller G.E.
REPORT YEAR: 1991, 18 Pages
COMMODITIES
SEARCHED FOR: Gold, Silver, Copper, Silica
KEYWORDS: Intrusives, Quartz veins, Pyrite
WORK
DONE: Prospecting
PROS 25.0 ha



Province of
British Columbia

Ministry of
Energy, Mines and
Petroleum Resources
GOVERNMENT AGENT
PENTICTON



ASSESSMENT REPORT
TITLE PAGE AND SUMMARY

TYPE OF REPORT/SURVEY(S) <i>Prospecting</i>	TRANS #	TOTAL COST <i>1070⁰⁰</i>
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AUTHOR(S) *George E. KELLER* SIGNATURE(S) *G.E. Keller*

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED *03 SEPT 91* YEAR OF WORK *91*

PROPERTY NAME(S) *BLUE OX*

COMMODITIES PRESENT *GOLD, SILVER, COPPER, QUARTZ*

B.C. MINERAL INVENTORY NUMBER(S), IF KNOWN

MINING DIVISION *0501005* NTS *S2E4E*

LATITUDE *49° 01' 20"* LONGITUDE *119° 31' 00"*

NAMES and NUMBERS of all mineral tenures in good standing (when work was done) that form the property [Examples: TAX 1-4, FIRE 2 (12 units); PHOENIX (Lot 1706); Mineral Lease M 123; Mining or Certified Mining Lease ML 12 (claims involved)]:

*BLUE OX - 4 units - 4 are 2N & 2E.
LCP tag # 70143 Record # 3499*

OWNER(S)
(1) *George E. KELLER* (2)
FMC 113849 (new) old 295817

MAILING ADDRESS
*1401 91st St R.R#1
0501005 B.C.*

OPERATOR(S) (that is, Company paying for the work)
(1) *A/A* (2)

MAILING ADDRESS
A/A

SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization, size, and attitude):
*Granite mass, late Cretaceous or Early Tertiary.
Ore deposits - Disseminated - rich copper
vein deposits - considerable gold & silver.*

REFERENCES TO PREVIOUS WORK *SEE HISTORY PAGE*

LOG NO: SEP 18 1991 K
ACTION:
FILE NO:

TITLE PAGE

General Nature of Report.

This report details the Prospecting Work performed on the Blue Ox Mineral Claim.

The report shows targeted areas on the Blue Ox Mineral Claim that were prospected and samples taken for assay and evaluation for further work. Areas shown on Maps, and indicate locatation of work in relation to Blue Ox Claim.

An Itemized Statement is included, showing expenditures to date on the Blue Ox.

Further reports are to follow detailing drilling of area and Assay results.

Specific Claims Involved.

Blue Ox Mineral Claim (4) Units
Record Number 3499. Staked on 04 Sept 90 and recorded 06 Sept 90.

Blue Ox is located in the Osoyoos Mining Division.
LCP is located approx. 1500 meters North of U.S./CANADIAN border at 159318 using mercator grid map 82E/4E.

Owner/Operator's of the Blue Ox Claim are George KELLER and Jim Pendergraft and all expenses are presently being paid by same.

Consultant on the project is Malcolm MOONEY P/ENG. of Kelowna, B.C./ Northspan Explorations Ltd.,
Author of this report is George E KELLER, 1401 91st ST., R.R.#1, Osoyoos, B.C. VOH 1V0. Ph.# 495-7408.

Report to be submitted to the Penticton Gold Comm. Office on the 03 SEPT 91.

GEOLOGICAL BRANCH ASSESSMENT REPORT

LOG NO: FEB 10 RD.
ACTION: <i>back from assessment</i>
FILE NO:

21,634

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INTRODUCTION

1. Geographic and Physiographic qualities of the area that the Blue Ox Group is situated in are as follows:

The Blue Ox Mineral Claims are situated on gradually sloping mountains and the area of interest is at an elevation of approximately 1000 meters.

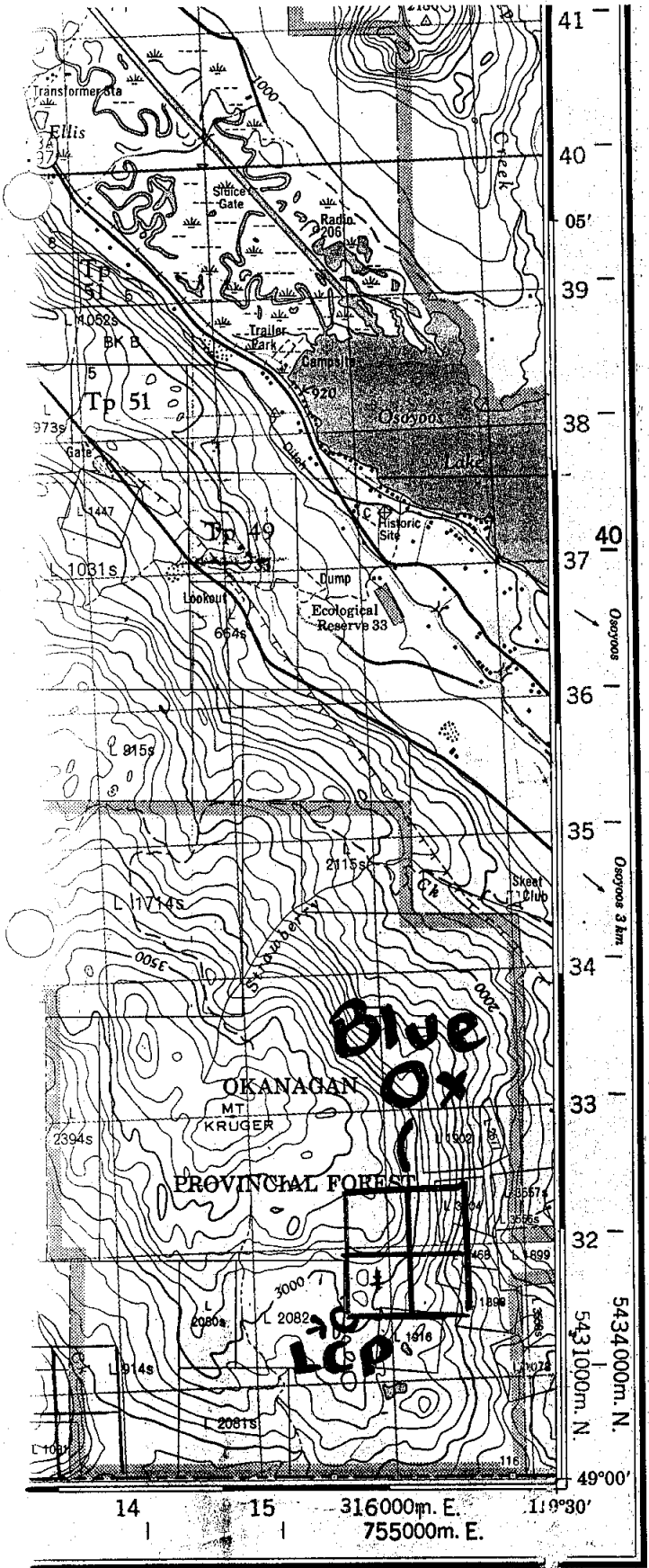
The area has a desert climate and vegetation consists of Sagebrush and Cactus in the area of interest. Also at the higher elevations there are pine, poplar and alder growing.

The Bedrock is covered with glacial deposits of silt and river-washed materials.

Rock type in the Valley is a Granite Mass of Late Cretaceous or Early Tertiary age, intruded with metasedimentary rocks.

Ore deposits are of two types in this area, Disseminated deposits rich in copper and Vein Deposits carrying considerable gold, silver, lead and copper.

The Blue Ox Claims are situated in the Osoyoos Mining Division. LCP is located approx. 1500 meters North of the U.S./CANADIAN border at 159318 using mercator grid map 82E/4E.



EXAMPLE OF METHOD USED
TO GIVE A REFERENCE TO NEAREST 100 METRES
EXEMPLE DE LA MÉTHODE EMPLOYÉE
POUR FIXER DES REPÈRES À 100 MÈTRES PRÈS

REFERENCE POINT CHURCH - ÉGLISE (as above)
POINT DE REPÈRE (ci-dessus)

EASTING: Read number on grid line immediately to left of point:
LONGITUDE EST: Noter le chiffre de la ligne du quadrillage immédiatement à gauche du repère: 97

Estimate tenths of a square from this line eastward to point:
Estimer le nombre de dixièmes du carré entre cette ligne et le repère en direction est: $\frac{5}{975}$

NORTHING: Read number on grid line immediately below point:
LATITUDE NORD: Noter le chiffre de la ligne du quadrillage immédiatement en-dessous du repère: 98

Estimate tenths of a square from this line northward to point:
Estimer le nombre de dixièmes du carré entre cette ligne et le repère en direction nord: $\frac{4}{984}$

GRID REFERENCE: 984
RÉFÉRENCE AU QUADRILLAGE: 975984

Nearest similar grid reference 100,000 metres (about 63 miles)
La prochaine référence similaire est à 100,000 mètres (environ 63 milles)

BROWN NUMBERED TICKS INDICATE THE 1000 METRE U.T.M. GRID ZONE 10
LES TRAITS NUMÉROTÉS EN BRUN INDICENT LE QUADRILLAGE DE 1000 MÈTRES U.T.M.

Blue Ox
Legend

TABLEAU D'ASSEMBLAGE DU SYSTÈME NATIONAL DE RÉFÉRENCE CARTOGRAPHIQUE

120°30'	119°00'	49°30'
92 H/8	82 E/5	82 E/6
92 H/1	82 E/4	82 E/3
USA	USA	USA
48°45'	48°45'	48°45'
120°30'	119°00'	119°00'

INDEX TO ADJOINING MAPS OF THE NATIONAL TOPOGRAPHIC SYSTEM

Claim boundary = 1
LCP = 2

Établie par la DIRECTION DES LEVÉS ET DE LA CARTOGRAPHIE, MINISTÈRE DE L'ÉNERGIE, DES MINES ET DES RESSOURCES. Mise à jour à l'aide de photographies aériennes prises en 1975. Vérification des ouvrages en 1976. Renseignements à jour en 1976.

Ces cartes sont en vente au Bureau des Cartes du Canada, ministère de l'Énergie, des Mines et des Ressources, Ottawa, ou chez le vendeur le plus près.

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HISTORY OF THE BLUE OX

The Blue Ox Claim has had a variety of Exploration and Mining upon its boundaries. From the growth of alders around the quartz veins and the old adits it appears that work has not been done recently to the Claim.

There are several adits stretching along the edge of one of the quartz veins. The rock in the quartz is heavily pyrited and there are layers of scarn that are extremely heavily pyrited.

The main adit located, has had considerable work done to it.

The adit lies East to West and travels approx. 100 feet inwards. Two layers of thick quartz sandwich a 50 centimeter layer of scarn, imbedded with heavy mineralization.

The area 1 km to the East of the Claim is the Old Dividend Mine.

To the West approx. 3 Km's lie the Submarine Mine, Cab of Texas, Ruby Silver and Golden Zone Mines.

This area has an interesting history and good potential for further exploration.

SUMMARY OF WORK COMPLETED

A Summary of the Prospecting Work completed on the Blue Ox Claim Group is as follows:

Prospecting:

Prospecting of The Blue Ox took Place on Three seperate days.

Prospecting located Four (4) seperate targets of interest. from these samples were taken and sent to Acme Labs for Assay.

Future Work will include road building to incorporate drilling, and access for blasting.

INTERPRETATION

Due to the extensive mining activity in this area and previous mining on this Claim Group the writer is compelled to further explore the possibilities of finding a feasible target to do exploratory drilling upon.

The assays collected from the targets to date may give an indication as to where one should continue to prospect and explore.

It is felt that the area should be explored further to establish the dip and stike of the existing viens and to determine the values of the minerals within.

This report will be updated as further investigations have been compiled. (EG: Assay reports, Blasting, and Drill results.

ITEMIZED COST STATEMENT.

AUG 19/91. one day P/Eng. Malcolm MOONEY attended at Blue Ox Claim to assist in Prospecting and advise as to future road construction and drill targets. \$200:00/man/day/
Total Cost \$200:00

AUG 19 to 21. three(3) days. Helper to assist in flagging and sampling. \$80:00/man/day.
Total Cost \$240:00

AUG 22 and 23/91. two(2) days. Jim Pendergraft and Kay Wing. Prospecting area and locating the old workings. \$100:00/man/day.
Total Cost \$400:00

AUG 19 to 23/91. four trips from Osoyoos, B.C. to Blue Ox Claim Group. Fuel Cost. \$20:00/day/trip.
Total Cost \$80:00

AUG 23/91. Assays sent to Acme Labs. 15 samples to assay for Gold and Silver. 15 samples/ \$10:00/sample
Total Cost \$150:00

Final Total Cost \$ 1070:00

QUALIFICATIONS

The writer has been employed in the Mining Industry for the past fifteen (15) years.

Working with Northspan Explorations of Kelowna, B.C., in the Staking of Claims, Setting up of line grids, operation of E.M. and Mag. surveys for several large Mining Companies. For six years I was involved in the Drilling Exploration Industry with Northspan Explor. Ltd., Having drilled properties for Mt. Calvary, Tech Corp, U.S. Borax, and Mascot Gold Mines.

References: Malcolm MOONEY, Northspan Explor. Ltd. Kelowna, B.C. 765-0692.

Mineral and rock identification have been self taught and knowledge has increased by 15 years experience working with many P/Eng. and Prospectors.

PROSPECTING WORK COMPLETED

Prospecting Work completed on the Blue Ox Claim Group is as follows:

PROSPECTING:

Three (3) days of prospecting were carried out by George Keller, Jim Pendergraft and Kay Wing.

Four areas of interested were searched for and located by the prospectors.

#1. a large quartz cut on the top of the Claim was located and marked via flagging and gridding with topometer. Samples were taken from this area for assay and sent to Acme Labs for assay.

#2. Large quartz vein located approx. 100 meters below vein #1. to the East. This vein stands as high as 3 meters and from tunnels at locatation, the quartz appears to travel inward extensively.

Samples taken from the #2 vein and sent to Acme for assay.

#3. Quartz vein #3 travels North to South for approx. 75 meters and stands approx. 2 meters in height. Samples taken from an adit in the face of this Vein #3, and sent to Acme Labs. for assay.

#4. An adit located on a steep sloperunning East to West, the opening of which is approx. 1 meter wide by 1.5 meters high. The adit travels inward approx. 33 meters.

Samples were taken from several areas in the adit. There is also a 50 centimeter layer of heavily mineralized scarn sandwiched between two thick layers of quartz. samples taken and sent to Acme Labs for assay.

OBSERVATIONS

Observations made during investigation of Blue Ox Claim.

Location #1 is situated approx. 800 m. N & 400 m. E of the Blue Ox LCP

There is a vein of quartz at this location which is approx. 7 meters in length and 1 meter in width. It has previously been blasted out to a depth of approximately 3 meters. the vein runs North to South. The quartz contains pyrites and a dark scarn within. The samples sent from this outcrop have been labeled Top Cut 11 on the assay Certificate. The quartz is within a host rock of granite bedrock.

Location #2 is situated approx. 800 m. N & 500 m. E of the Blue Ox LCP.

There is a large Quartz vein with rosy coloured quartz containing light amounts of pyrites. this vein is approx. 100 meters East of Location # 1. This vein stands approx. 3 m. in height and is approx. 7 m. in length. The vein runs East to West and the host rock containing this vein appears to be granite. Samples taken from this location have been labeled Lower Vein Sample 12 on the assay Certificate.

OBSERVATIONS

continued

Location # 3 is situated approx. 800 m. N & 550 m. E of the Blue Ox LCP.

There is a large quartz outcrop approx. 150 m. to the East of Location # 1. This vein stands approx. 2 meters in height and is approx. 75 meters long. the vein runs from North to South and from small adits going into the vein it appears to be quite thick. the quartz at this location is a rosy colour and contains pyrites within.

The vein is contained within a granite host rock. The samples from this location have been labeled, J.P. Tunnel J.P. on the assay Certificate.

Location # 4 is situated approx. 500 m. N & 725 m. E of the Blue Ox LCP.

There is an adit on a very steep slide of weathered granite. The adit runs from East to West and travels inward to the West for approx. 33 meters. The adit is approx. 1 meter wide and 1.5 meters in height.

There is a quartz vein beginning approx. 15 meters into the adit. The vein runs horizontally on both sides of the adit at approx. half way.

Within the quartz vein there is a layer of black scarn approx. 50 cm in width. this scarn is very heavily mineralized. The host rock within the adit appears to be granite. The samples taken from within the adit were measured from the entrance of the adit and were taken from the left side of the adit.

Sample A was taken from 15 meters into the adit in the center of the scarn.

OBSERVATIONS

continued

Sample B was taken 20 meters into the adit from the center of the scarn.

Sample C was taken 25 meters into the adit in the center of the scarn.

Sample D was taken from 30 meters into the adit in the center of the scarn.

Samples taken from this location have been labeled (TUN -A) A, B, C, & D. respectively. on the assay Certificate



ACME ANALYTICAL LABORATORIES LTD.
 852 E. Hastings St., Vancouver, B.C., CANADA V6A 1R6
 Phone: (604) 253-3158 Fax: (604) 253-1716
 Our GST tax number: R100035377



14.

GEORGE E. KELLER
 c/o General Delivery
 Osoyoos, BC
 V0H 1V0

File: 91-3881
 Date: Aug 30 1991

QTY	ASSAY
7	AG & AU BY FIRE ASSAY FROM 1 A.T. SAM
7	ROCK SAMPLE PREPARATION @

	PRICE	AMOUNT
E @	13.00	91.00
	3.25	22.75
		<hr/>
GST Taxable		113.75
7.00 % GST		7.96
		<hr/>
TOTAL		121.71

COPIES 1

Please pay last amount shown. Return
 TERMS: Net two weeks. 1.5 % per month

Return copy of this invoice with payment.
 charged on overdue accounts.

[COPY 1]



ASSAY CERTIFICATE

George E. Keller FILE # 91-3881
c/o General Delivery, Daoyoc BC V0H 1V0

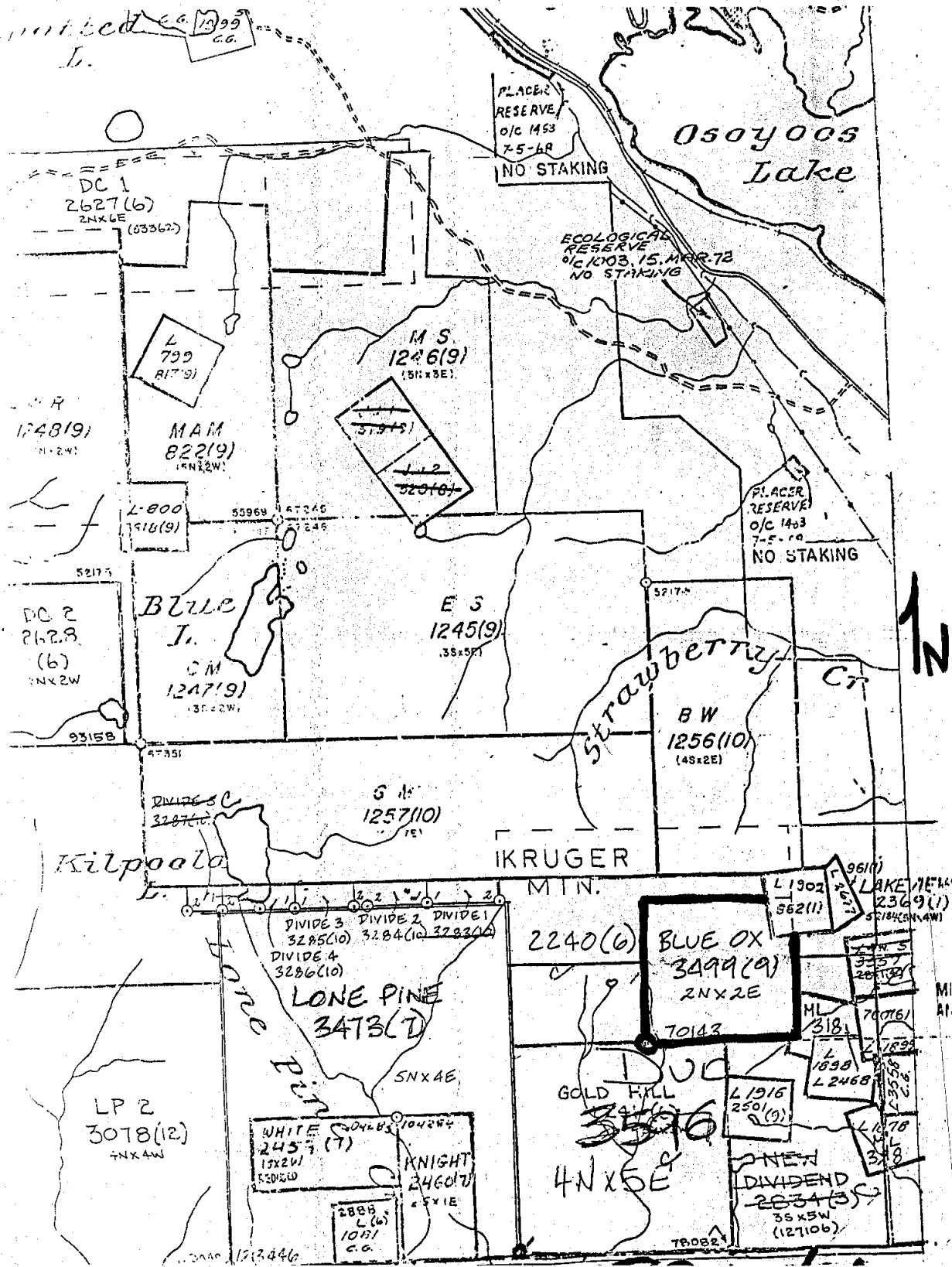
SAMPLE#	Ag** oz/t	Au** oz/t
TUN-A SAMPLE A	.04	.001
TUN-A SAMPLE B	.02	.001
TUN-A SAMPLE C	.02	.003
TUN-A SAMPLE D	.03	.002
TOP CUT SAMPLE 11	.02	.001
LOWER VEIN SAMPLE 12	.04	.001
J.P. TUNNEL SAMPLE J.P.	.01	.001
STANDARD AG-1/AU-1	.98	.098

AG** AND AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
- SAMPLE TYPE: ROCK

DATE RECEIVED: AUG 27 1991

DATE REPORT MAILED: Aug 31/91.

SIGNED BY.....*Chung*.....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS



CLAIM MAP

NTS 42E 4E

BLUE OX
Legend

Blue Ox LCP = ●

Record #3444

Vein #1 = #1

Vein #2 = #2

Vein #3 = #3

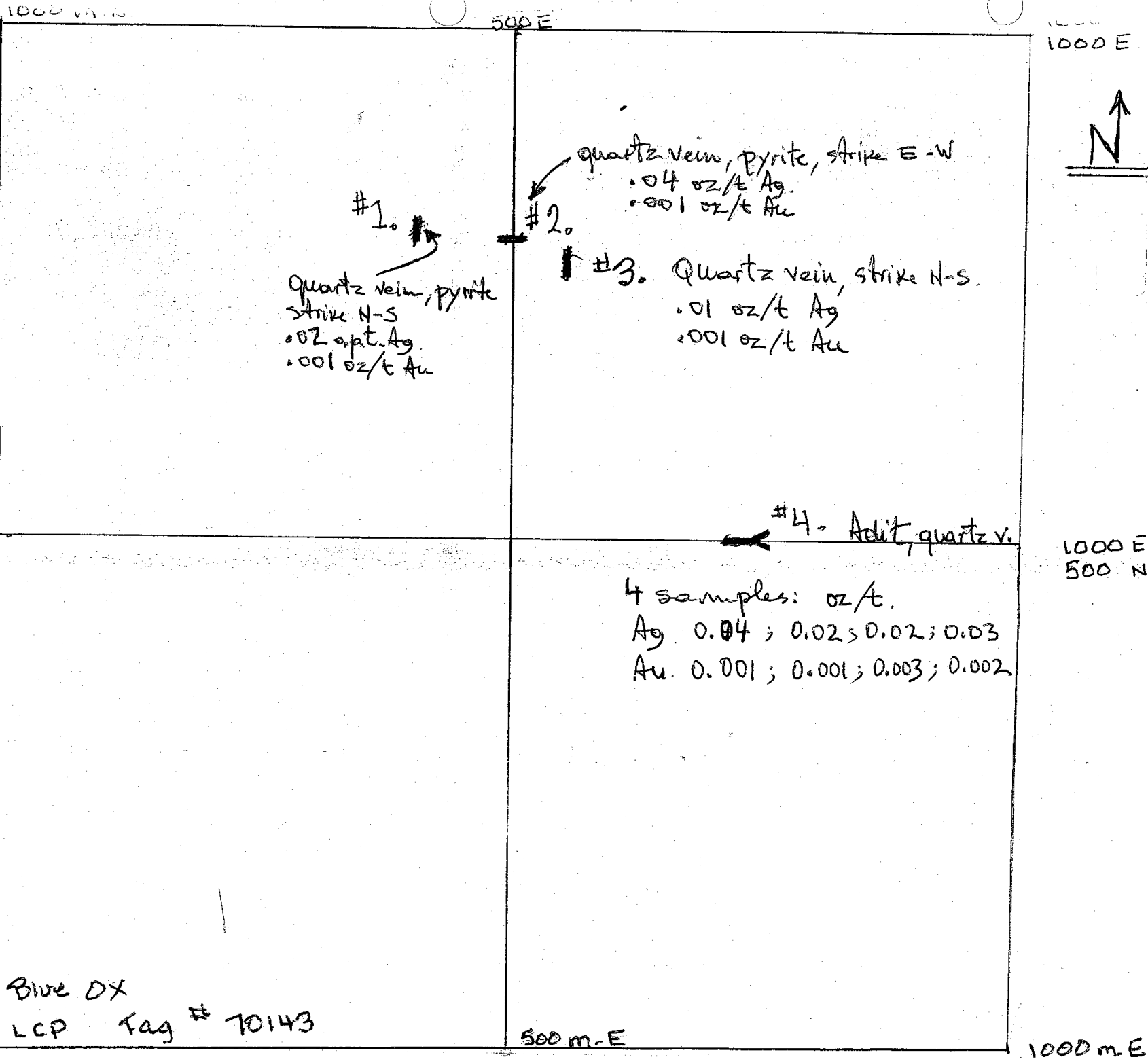
Adit #1 = #4

500m N

Scale
1cm = 50m.

Blue Ox

LCP Tag # 70143



#1. ↑
Quartz vein, pyrite
strike N-S
0.02 opt. Ag
0.001 oz/t Au

#2. ↙
Quartz vein, pyrite, strike E-W
0.04 oz/t Ag
0.001 oz/t Au

#3. ↑
Quartz vein, strike N-S
0.01 oz/t Ag
0.001 oz/t Au

#4. ← Adit, quartz v.

4 samples: oz/t.
Ag. 0.04 ; 0.02 ; 0.02 ; 0.03
Au. 0.001 ; 0.001 ; 0.003 ; 0.002



1000 E
500 N

1000 m. E