

LOG NO: 0927	RD.
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ASSESSMENT REPORT

LOG NO: 0110	RD.
ACTION: Date Received back from Ammendment	
FILE NO:	

TRENCHING ON THE
KODAH #1 CLAIM (15 UNITS)
KODAH #2 CLAIM (2 UNITS)

OMINECA MINING DIVISION

FILMED

by

AUSTIN HITCHINS

LOCATION:

N.T.S. 94E/6W
57 degrees 21 minutes N Latitude
127 degrees 17 minutes W Longitude

OWNER/OPERATOR:

CHENI GOLD MINES INC.

DATES WORK PERFORMED:

AUGUST 27, 28,
SEPTEMBER 3, 16, 17, 1989

DATE OF REPORT:

SEPTEMBER 17, 1989

19,114

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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INTRODUCTION

LOCATION

The Kodah claims are located in the Toodoggone Gold Camp of the Omineca Mining Division approximately 280 Km north of Smithers (57 degrees 21 minutes latitude, 127 degrees 17 minutes longitude on map sheet 94E/6W). They are further situated on the north west flank of Kodah Hill and just to the south of the Toodoggone River.

ACCESS

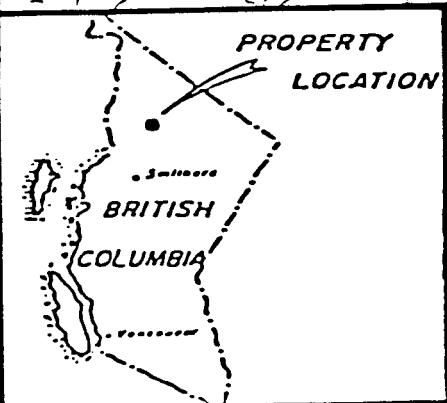
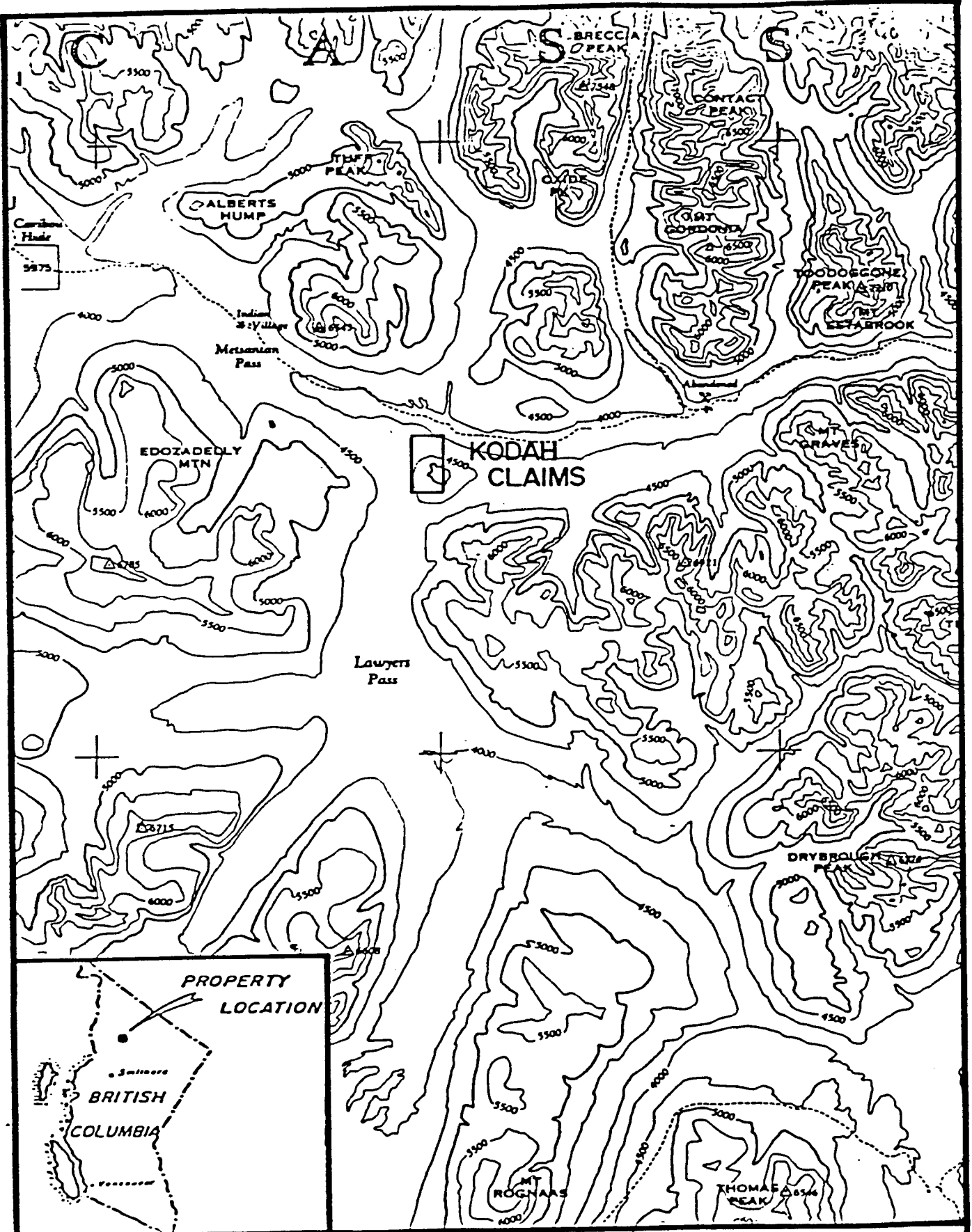
The property is presently accessible by a 2 Km cat trail from the new Lawyers road completed in 1987 which connects the Lawyers minesite with the Sturdee Strip air field. Cat access involved minimal disturbance to vegetation and soil.

PHYSIOGRAPHY

The trenched area contains about 50% rugged outcropping with boggy ground between. The area is lightly forested as a result, but elsewhere on the claims it is densely forested. The ruggedness limits the use of larger heavy equipment.

HISTORY

The first work in the area was done by Kennco during 1971 to 1973 and consisted of Soil and silt geochem and a magnetometer survey. The Kodah #1 was staked on August 31, 1978 and recorded on September 28, 1978 by Serem Ltd. (later Cheni Gold Mines Inc). Follow-up work in 1979 consisted of soil geochem on a 50m by 60m sample spacing which delineated gold and silver anomalies. Detailed mapping and prospecting was carried out in 1981 with 150 samples assayed and resulted in a few high assays located just east of the main anomaly. In 1982 a total of 6.5 Km of VLF-EM and EM-16R lines were run with the detection of 3 weak conductors one of which is located on the main geochem anomaly. The Kodah #2 was staked on September 13, 1982 and recorded on Sept 20, 1982. Physical work was completed in 1987 and consisted solely of cat trenching in the eastern part of Kodah #1. The 1989 work which is the subject of this report involved cat trenching, rock geochem, air photo interpretation, compilation of earlier work, and partially surveying the access cat trail.

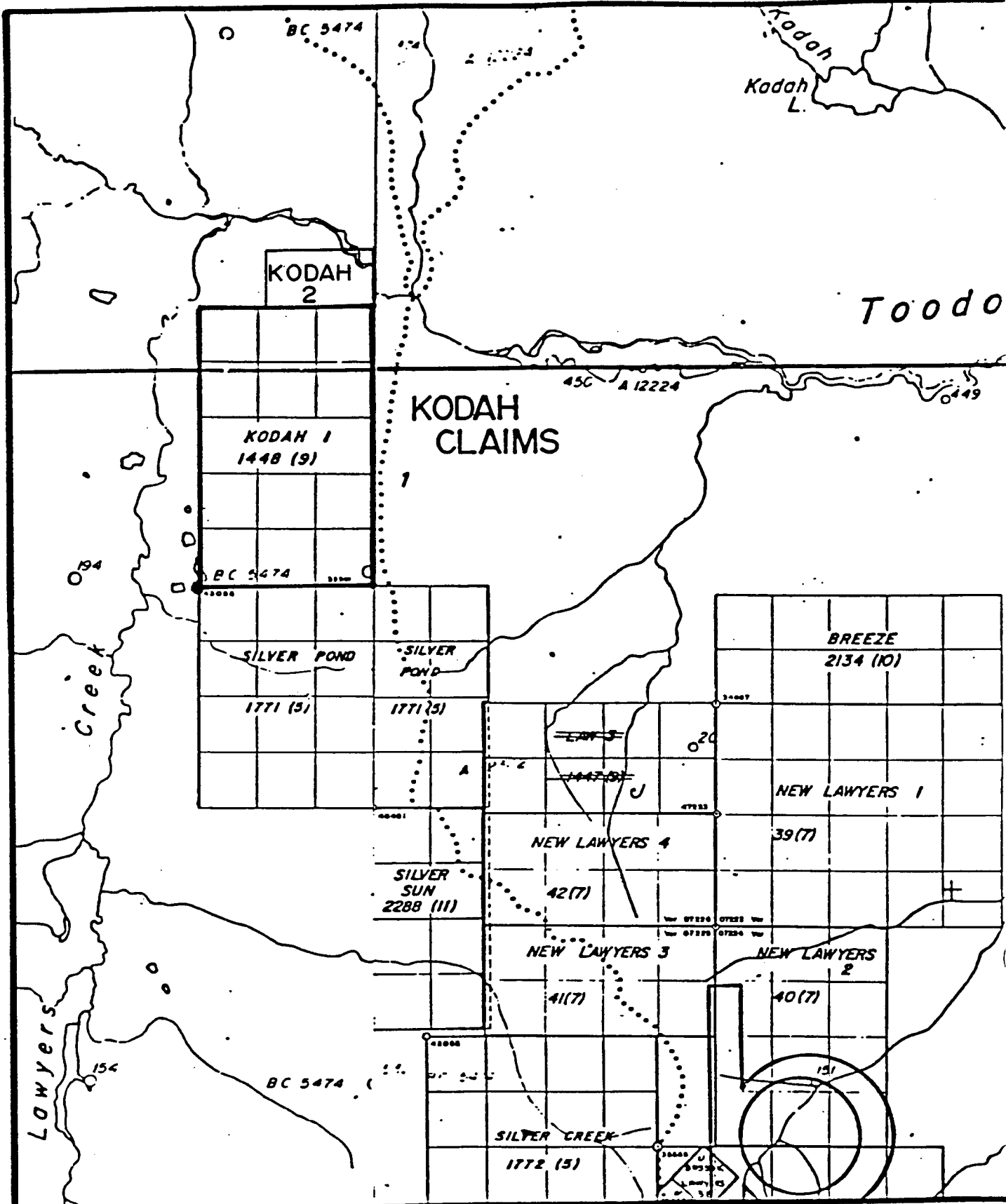


**KODAH CLAIMS
LOCATION MAP**

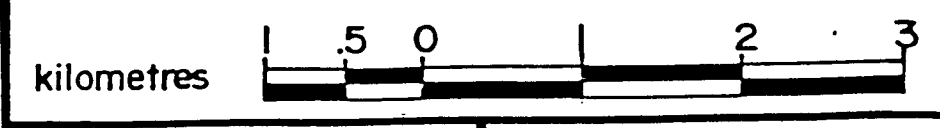


SCALE: 1: 250,000

FIGURE: |



**KODAH CLAIMS
CLAIMS MAP**



SCALE: 1:50,000

FIGURE: 2

GEOLOGY

The property is located in the Jurassic Toodoggone volcanics which consist of andesitic crystal tuffs, volcanoclastic breccias and what have been called hypabyssal quartz trachyandesites. The trenched area consists of chloritically altered porphyries quartz/chlorite vein, and quartz vein. More detailed descriptions will be found below.

PROCEDURES

Once the access was laid out trenching was commenced across the south end of the geochem anomaly by Jedway construction Ltd. using a D-8L cat. The rugged terrain prevented access to the northern part of the anomaly. Two trenches were dug and a total of 11 rock samples were recovered. Another 4 vein samples were picked up on the way to the trench.

The samples were then assayed in house by atomic absorption for gold and silver in the following manner. Samples are crushed, riffled and pulverized in a TM Engineering Ring Pulverizer. A 200-300 gram sample is then rolled approximately 80 times. From this a 5 gram sample is digested in Aqua Regia for one hour. The solution is then diluted to 250 milliliters and settled for one hour. Assays are then determined on a single beam Varian SpectrAA-10 atomic absorption unit using all standard procedures and wavelengths.

Previous assessment work was compiled to produce a composite map showing relative placement of the grid, landmarks, conductors, and anomalies. This was intern plotted on a 1:25000 overlay of air photo lineaments.

Finally, part the cat road was surveyed using a Wild T-1000 with EDM. The EDM failed before the rest of the road, trenches, and landmarks could be surveyed and tied into points on the Lawyers property. Survey data can be found at the back of this report.

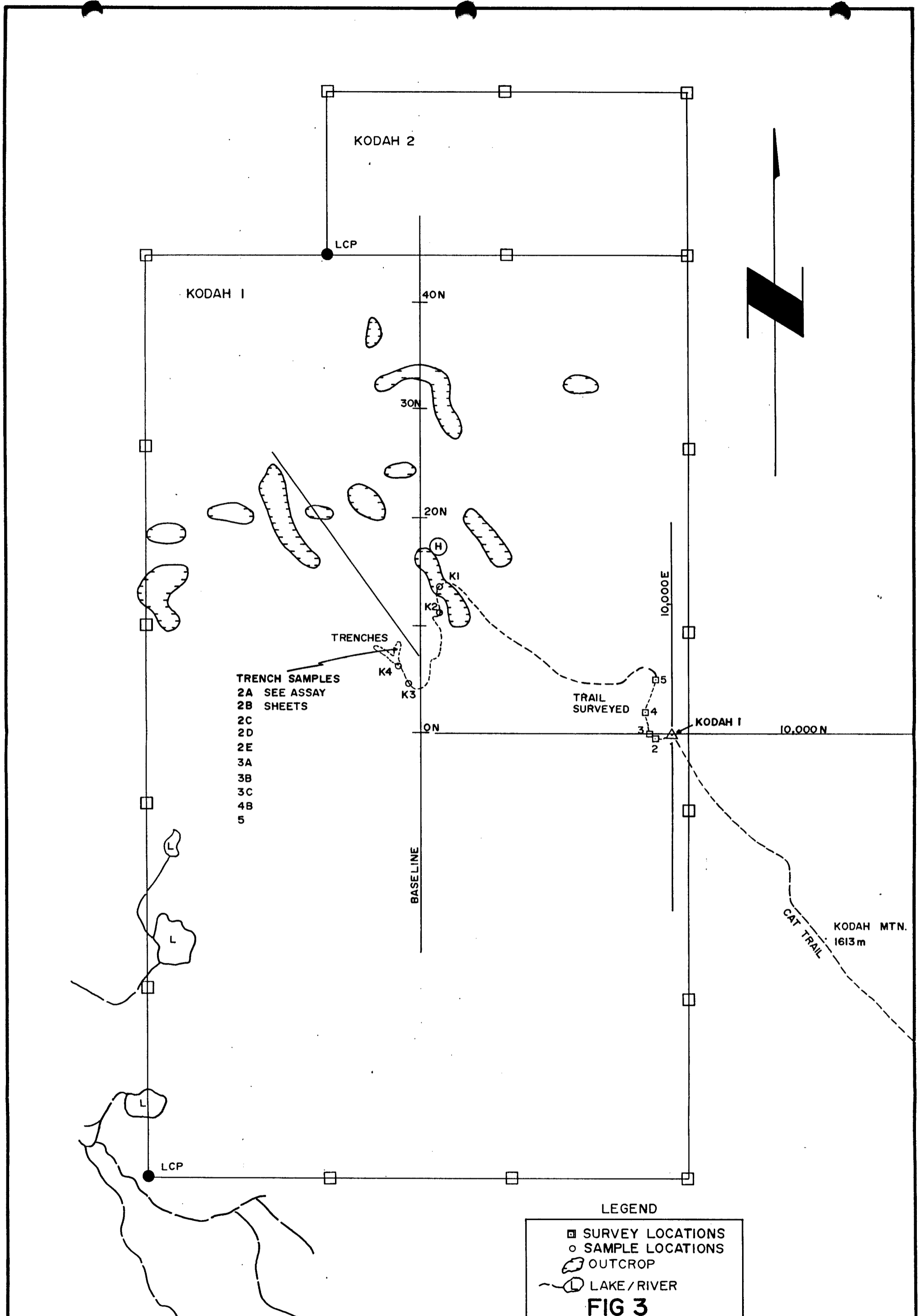
RESULTS

TRENCHING

While many of the samples appeared like they might be ore bearing the grades turned out to be quite low, often at the detection limit. Original assay sheets can be found at the back of this report. The highest gold assay was .02 oz/ton gold and .27 oz/ton silver from sample 2C.

The trench samples fall into four categories:

a) Quartz Vein - usually banded with grey very finely disseminated sulfides. An additional 2-3% fine pyrite is disseminated throughout. These rocks contain <1cm wide vugs and limonitically altered fractures.



CHENI GOLD MINES INC.

LAWYERS PROJECT

KODAH CLAIMS

TITLE: SAMPLE/SURVEY LOCATIONS

DATE: DEC 15 / 1989

SCALE: 1:10,000

DRAWN BY: *[Signature]*

CHECKED BY:



b) Green Volcanics - these rocks are extremely chloritized and can contain 1cm wide shears. Approximately 1-5% fine pyrite is found throughout. The rock consists of 30% feldspar phenocrysts which are also very heavily altered.

c) Quartz-Chlorite Vein - vein material containing up to 20% chlorite. A 1cm brecciated and reworked bull quartz vein occurs in one of the samples. The samples contain 5-10% very finely disseminated pyrite.

d) Altered Porphyry - The rock contains 40% pink feldspar phenocrysts of which most have extremely epidotized cores. About 5-10% pyrite occurs throughout including the altered feldspar cores. The groundmass is completely chloritized except for patches of pervasive epidote alteration.

AIR PHOTO INTERPRETATION

Air photo work consisted of plotting all lineaments at 1:25000 as well as geochem anomalies and EM conductors. The map was subsequently redrafted at 1:12500 (See figure #4).

The dominant lineaments trend at north 020 degrees. The main geochem anomaly is oriented at north 160 degrees along with conductor B. A number of structures also have this orientation and tend to be truncated by the north 020 set suggesting that right lateral movement has produced a dilatent secondary 160 degree set. There is also a tertiary north 70-90 set located at the north termination of the main geochem anomaly.

The main anomaly is also associated with a minor lineament suggesting that the source of the soil anomaly is a mineralized fault.

The overall pattern of lineations, anomalies, and conductors is reminiscent of certain properties elsewhere in the Toodoggone gold camp.

RECOMMENDATIONS

While assays from vein material were poor, the overall geology warrants further work. More trenching should be done to the north of the present work. The area should be accessible with a smaller cat (D-6) or hoe.

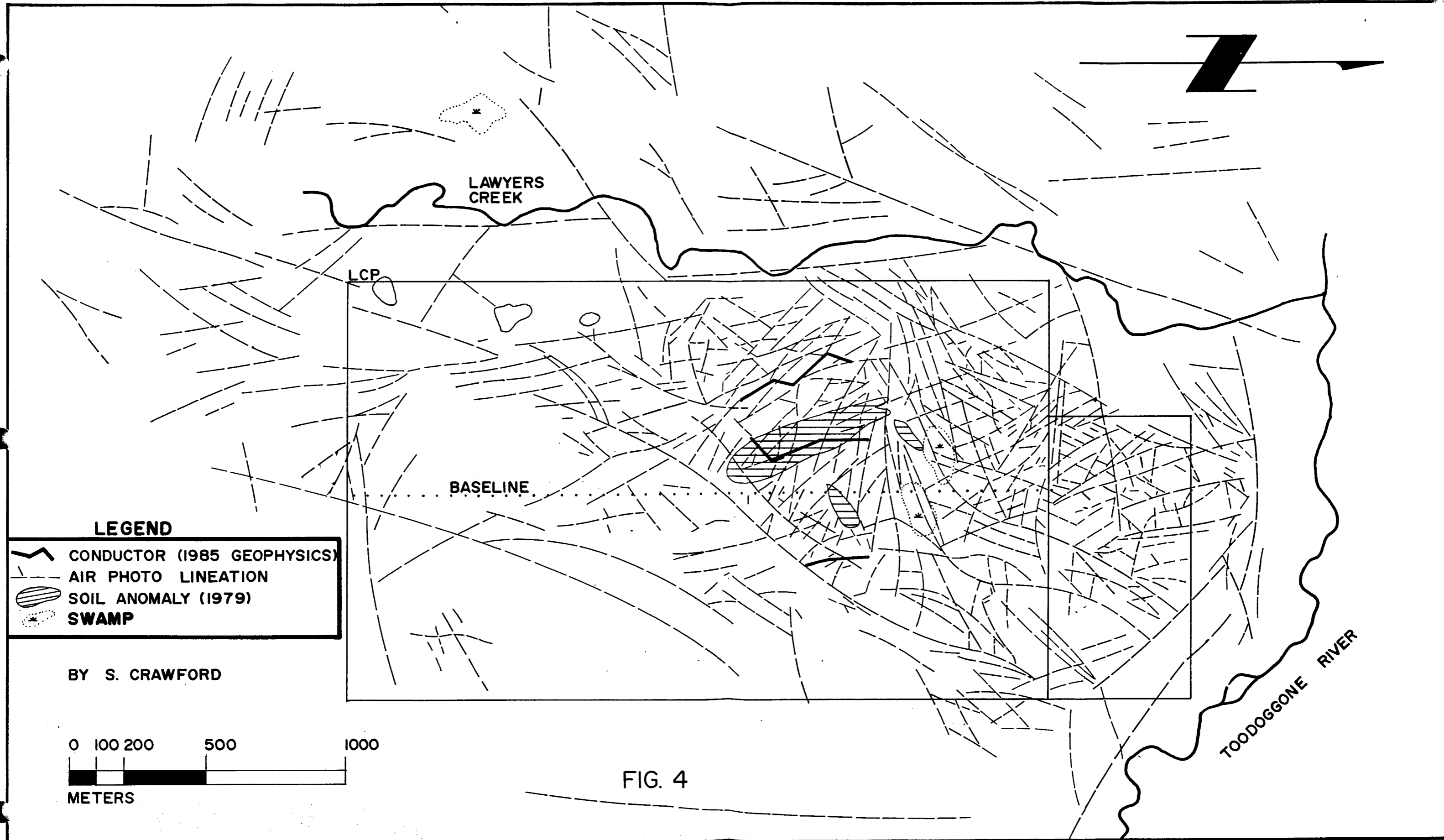


FIG. 4

CHENI GOLD MINES INC.

LAWYERS PROJECT

KODAH CLAIMS

TITLE: KODAH LINEAMENTS

DATE: SEPT 17/1989

SCALE: 1:12,500

DRAWN BY: *[Signature]*

CHECKED BY:

STATEMENT OF EXPENDITURES

Wages

A. Hitchins	Supervision	3 day @ \$ 270	\$ 810
S. Crawford	Sampling and air photo interpretation	2 day @ \$ 165	\$ 330
B. Hitchins	Surveying	1 day @ \$ 165	\$ 165
R. Boase	Survey assistant	1 day @ \$ 160	\$ 160

Analyses

15 rock samples analyzed for Au, Ag @ \$ 18 ea	\$ 270
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Room and Board

8 man days @ \$ 50 ea	\$ 400
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Transportation and Trenching

Cat time @ \$ 140/hr	\$ 1400
Fuel consumption @ 8 gal/hr	\$ 120

Report Preparation

A. Hitchins 1 day @ 270	\$ 270
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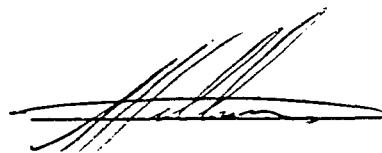
total	<u>\$ 3925</u>
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CERTIFICATE OF QUALIFICATIONS

I, L. Austin Hitchins, of Kaleden, B.C., hereby certify that:

- 1: I hold a B.sc. in geology from the University of Alberta, Edmonton, Alberta.
- 2: I am employed as Chief Geologist, by Cheni Gold Mines Inc. of Box 11175 Royal Centre, 2101-1055 West Georgia St. Vancouver B.C., V6E 3R5.
- 3 : I have worked in mine and exploration geology for six and one half years.
- 4: I have no financial interest in the claims covered by this report or in Cheni Gold Mines Inc.
- 5: The field work described herein was carried out under my supervision.

Dated this 17th day of September, 1989
at the Lawyers Camp, B.C.


L. Austin Hitchins,
Chief Geologist

CHENI GOLD MINES INC.

ASSAY REPORT

FILE NO. 761

Sample No.	Au oz/ton	Ag oz/ton	Cu %	Pb %	Zn %	Comments
2 B	<.01	.13				
2 C	.02	.27				
2 D	<.01	.05				
2 E	<.01	.02				
3 B	.02	.32				
3 C	.01	.06				
4 A	.01	.14				
K1	<.01	.01				
K2 A	<.01	<.01				
K2 B	<.01	<.01				
K3	<.01	<.01				
K4	<.01	<.01				
5	<.01	.01				
13901	<.01	.50				

DATE Aug 24 / 89 ASSAYER Mr. Chakrasiri

SURVEY CALCULATION SHEET

BOOK NO. PAGE NO. 0

CALCULATED BP

DATE SURVEYED SEPT 9 1989

CHECKED BY CD

WORKING LOCATION KODA CLAIM

ORIGIN AT 10000 E 10000 N 10000 ELEVATION

B.S. *Kodah Mountain* STATION KODA 1
Elevation 1613 m

F.S. CENTERLINE

VERTICAL ANGLE 100 - 35 - 46 ✓

HORIZONTAL ANGLE 43 - 52 - 0 ✓

MEASURED DISTANCE 17.027 ✓

HORIZONTAL DISTANCE 16.737

HEIGHT OF INSTRUMENT -1.34

HEIGHT OF POINT 2.15 ✓

VERTICAL DISTANCE -3.131

DIFFERENCE OF ELEVATION -2.321

AZIMUTH FROM TO KODA 1 0 - 0 - 0

AZIMUTH BACKSIGHT 180 - 0 - 0

AZIMUTH FROM KODA 1 TO CENTERLINE 223 - 52 - 0

ELEVATION STATION KODA 1 10000.000

DIFFERENCE IN ELEV. -2.321

ELEVATION STATION CENTERLINE 9997.679

There is no sill elevation available for F.S. CENTERLINE

Y X

COORDINATES STA. KODA 1 10000.000 10000.000

DIFF. IN COORDINATES -12.066 -11.598

COORDINATES STA. CENTERLINE 9987.934 9988.401

SURVEY CALCULATION SHEET

BOOK NO. PAGE NO. 0

CALCULATED SK

DATE SURVEYED SEPT 9 1989

CHECKED BY CV

WORKING LOCATION KODA CLAIM

B.S.	STATION KODA 1	F.S. KODA 2
VERTICAL ANGLE	108 - 12 - 50 ✓	
HORIZONTAL ANGLE	75 - 26 - 17 ✓	
MEASURED DISTANCE	49.251 ✓	
HORIZONTAL DISTANCE	46.783	
HEIGHT OF INSTRUMENT	-1.34 ✓	
HEIGHT OF POINT	2.15 ✓	
VERTICAL DISTANCE	-15.394	
DIFFERENCE OF ELEVATION	-14.584	

AZIMUTH FROM TO KODA 1	0 - 0 - 0
AZIMUTH BACKSIGHT	180 - 0 - 0
AZIMUTH FROM KODA 1 TO KODA 2	255 - 26 - 17

ELEVATION STATION KODA 1 10000.000

DIFFERENCE IN ELEV. -14.584

ELEVATION STATION KODA 2 9985.416

There is no sill elevation available for F.S. KODA 2

	Y	X
COORDINATES STA. KODA 1	10000.000	10000.000
DIFF. IN COORDINATES	-11.763	-45.280
COORDINATES STA. KODA 2	9988.237	9954.720

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DATE SURVEYED SEPT 9 1989

CHECKED BY _____

WORKING LOCATION KODA CLAIM

B.S.	STATION KODA 1	F.S. CENTERLINE
VERTICAL ANGLE	107 - 33 - 56 ✓	
HORIZONTAL ANGLE	70 - 59 - 6 ✓	
MEASURED DISTANCE	37.312	
HORIZONTAL DISTANCE	35.572	
HEIGHT OF INSTRUMENT	-1.34	
HEIGHT OF POINT	2.15	
VERTICAL DISTANCE	-11.261	
DIFFERENCE OF ELEVATION	-10.451	

AZIMUTH FROM TO KODA 1	0 - 0 - 0
AZIMUTH BACKSIGHT	180 - 0 - 0
AZIMUTH FROM KODA 1 TO CENTERLINE	250 - 59 - 6

ELEVATION STATION	KODA 1	10000.000
DIFFERENCE IN ELEV.		-10.451
ELEVATION STATION	CENTERLINE	9989.549

There is no sill elevation available for F.S. CENTERLINE

	Y	X
COORDINATES STA.	KODA 1	10000.000
DIFF. IN COORDINATES	-11.590	-33.631
COORDINATES STA.	CENTERLINE	9988.410
		9966.369

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WORKING LOCATION KODA CLAIM

B.S. KODA 1 STATION KODA 2

F.S. CENTERLINE

VERTICAL ANGLE 103 - 21 - 24
 HORIZONTAL ANGLE 216 - 36 - 51
 MEASURED DISTANCE 15.09
 HORIZONTAL DISTANCE 14.682
 HEIGHT OF INSTRUMENT -1.4
 HEIGHT OF POINT 1.4
 VERTICAL DISTANCE -3.486
 DIFFERENCE OF ELEVATION -3.486

AZIMUTH FROM KODA 1 TO KODA 2 255 - 26 - 17
 AZIMUTH BACKSIGHT 75 - 26 - 17
 AZIMUTH FROM KODA 2 TO CENTERLINE 292 - 3 - 8

ELEVATION STATION KODA 2 9985.416
 DIFFERENCE IN ELEV. -3.486
 ELEVATION STATION CENTERLINE 9981.930

There is no sill elevation available for F.S. CENTERLINE

	Y	X
COORDINATES STA. KODA 2	9988.237	9954.720
DIFF. IN COORDINATES	5.512	-13.608
COORDINATES STA. CENTERLINE	9993.749	9941.112

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DATE SURVEYED SEPT 9 1989

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WORKING LOCATION KODA CLAIM

B.S. KODA 1 STATION KODA 2

F.S. KODA 3

VERTICAL ANGLE 104 - 47 - 6

HORIZONTAL ANGLE 225 - 43 - 45

MEASURED DISTANCE 22.4

HORIZONTAL DISTANCE 21.658

HEIGHT OF INSTRUMENT -1.4

HEIGHT OF POINT 1.4

VERTICAL DISTANCE -5.716

DIFFERENCE OF ELEVATION -5.716

AZIMUTH FROM KODA 1 TO KODA 2 255 - 26 - 17

AZIMUTH BACKSIGHT 75 - 26 - 17

AZIMUTH FROM KODA 2 TO KODA 3 301 - 10 - 2

ELEVATION STATION KODA 2 9985.416

DIFFERENCE IN ELEV. -5.716

ELEVATION STATION KODA 3 9979.699

There is no sill elevation available for F.S. KODA 3

Y X

COORDINATES STA. KODA 2 9988.237 9954.720

DIFF. IN COORDINATES 11.209 -18.532

COORDINATES STA. KODA 3 9999.446 9936.188

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WORKING LOCATION KODA CLAIM

B.S. KODA 2 STATION KODA 3

F.S. KODA 4

VERTICAL ANGLE 101 - 32 - 59

HORIZONTAL ANGLE 227 - 26 - 39

MEASURED DISTANCE 65.3

HORIZONTAL DISTANCE 63.978

HEIGHT OF INSTRUMENT -1.37

HEIGHT OF POINT 2.15

VERTICAL DISTANCE -13.074

DIFFERENCE OF ELEVATION -12.294

AZIMUTH FROM KODA 2 TO KODA 3 301 - 10 - 2

AZIMUTH BACKSIGHT 121 - 10 - 2

AZIMUTH FROM KODA 3 TO KODA 4 348 - 36 - 41

ELEVATION STATION KODA 3 9979.699

DIFFERENCE IN ELEV. -12.294

ELEVATION STATION KODA 4 9967.404

There is no sill elevation available for F.S. KODA 4

Y X

COORDINATES STA. KODA 3 9999.446 9936.188

DIFF. IN COORDINATES 62.718 -12.633

COORDINATES STA. KODA 4 10062.164 9923.555

SURVEY CALCULATION SHEET

BOOK NO. PAGE NO. 0

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DATE SURVEYED SEPT 9 1989

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WORKING LOCATION KODA CLAIM

B.S. KODA 3 STATION KODA 4

F.S. CENTERLINE

VERTICAL ANGLE 97 - 27 - 12

HORIZONTAL ANGLE 202 - 4 - 23

MEASURED DISTANCE 21.7

HORIZONTAL DISTANCE 21.517

HEIGHT OF INSTRUMENT -1.285

HEIGHT OF POINT 1.3

VERTICAL DISTANCE -2.815

DIFFERENCE OF ELEVATION -2.800

AZIMUTH FROM KODA 3 TO KODA 4 348 - 36 - 41

AZIMUTH BACKSIGHT 168 - 36 - 41

AZIMUTH FROM KODA 4 TO CENTERLINE 10 - 41 - 4

ELEVATION STATION KODA 4 9967.404

DIFFERENCE IN ELEV. -2.800

ELEVATION STATION CENTERLINE 9964.604

There is no sill elevation available for F.S. CENTERLINE

Y X

COORDINATES STA. KODA 4 10062.164 9923.555

DIFF. IN COORDINATES 21.144 3.989

COORDINATES STA. CENTERLINE 10083.308 9927.544

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WORKING LOCATION KODA CLAIM

B.S. KODA 3 STATION KODA 4

F.S. CENTERLINE

VERTICAL ANGLE 96 - 56 - 19

HORIZONTAL ANGLE 207 - 30 - 3

MEASURED DISTANCE 33.63

HORIZONTAL DISTANCE 33.384

HEIGHT OF INSTRUMENT -1.285

HEIGHT OF POINT 1.3

VERTICAL DISTANCE -4.063

DIFFERENCE OF ELEVATION -4.048

AZIMUTH FROM KODA 3 TO KODA 4 348 - 36 - 41

AZIMUTH BACKSIGHT 168 - 36 - 41

AZIMUTH FROM KODA 4 TO CENTERLINE 16 - 6 - 44

ELEVATION STATION KODA 4 9967.404

DIFFERENCE IN ELEV. -4.048

ELEVATION STATION CENTERLINE 9963.356

There is no sill elevation available for F.S. CENTERLINE

Y X

COORDINATES STA. KODA 4 10062.164 9923.555

DIFF. IN COORDINATES 32.072 9.265

COORDINATES STA. CENTERLINE 10094.236 9932.819

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WORKING LOCATION KODA CLAIM

B.S. KODA 3 STATION KODA 4

F.S. KODA 5

VERTICAL ANGLE 96 - 26 - 39

HORIZONTAL ANGLE 207 - 8 - 7

MEASURED DISTANCE 99.1

HORIZONTAL DISTANCE 98.474

HEIGHT OF INSTRUMENT -1.285

HEIGHT OF POINT 1.3

VERTICAL DISTANCE -11.123

DIFFERENCE OF ELEVATION -11.108

AZIMUTH FROM KODA 3 TO KODA 4 348 - 36 - 41

AZIMUTH BACKSIGHT 168 - 36 - 41

AZIMUTH FROM KODA 4 TO KODA 5 15 - 44 - 48

ELEVATION STATION KODA 4 9967.404

DIFFERENCE IN ELEV. -11.108

ELEVATION STATION KODA 5 9956.297

There is no sill elevation available for F.S. KODA 5

Y

X

COORDINATES STA. KODA 4 10062.164 9923.555

DIFF. IN COORDINATES 94.778 26.724

COORDINATES STA. KODA 5 10156.942 9950.279