COMINCO LTD.

EXPLORATION

WESTERN CANADA

NTS: 93E/14, 15

ASSESSMENT REPORT

DIAMOND DRILLING ON THE

THIRA PROPERTY

OMINECA MINING DISTRICT, B.C.

November 25 - December 9, 1995

LATITUDE: 53° 56' N

LONGITUDE: 127° 00' W

APRIL 1996

DARIN WAGNER

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DARIN WAGNER

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COMINCO LTD.

EXPLORATION WESTERN DISTRICT

1995 ASSESSMENT REPORT

DIAMOND DRILLING ON THE

THIRA PROPERTY

I. INTRODUCTION

In mid-95 a percussion drilling program was conducted on the Thira property. One center of weak Cu-Mo-Au mineralization was located by this program. Percussion hole PH95-5 intersected 220' grading 0.18% Cu, 0.022% Mo and 36 ppb Au. This intersection came from the central portion of a broad, overburden-covered valley located in the north-central part of the property.

Based on this encouragement three diamond drill holes, totalling 300.5 metres, were collared between November 26 and December 6, 1995 following a lengthy permitting delay and road construction. This program was supervised by contract geologist D. Senft and Cominco geologist D.W. Wagner. Drilling was contracted to J. T. Thomas of Smithers. Permitting, road construction and maintenance were handled by B. Hogstead of Topley Contracting, Houston.

II. LOCATION AND ACCESS

The Thira property is located approximately 55 km SW of Houston, B.C. straddling the north shore of Nadina Lake (Figure 1). The property is accessible via logging roads from Houston. Numerous logging roads of various vintages criss-cross the property.

The Thira property covers an area of gently rolling to moderately hilly terrain between Nadina Lake to the south and Hill Tout Lake to the north. Approximately 40% of the property has been clear cut in the last 5 years. The remainder is covered by moderate to dense pine forest typical of the area. Maximum elevation on the property is slightly over 5000 feet (Figure 2).

III. TENURE

The Thira property consists of 43 mineral claims, totalling 199 units (see page 5). The property was optioned to Cominco with the right to earn a 100% interest subject to a royalty. The optionees were Mr.'s B. Hofsink and N. Pacquette of Houston, B.C..

Drawn by:		Traced by:		THIRA PROPERTY		
Revised by	Date	Revised by	Date			
				Scale: 1:250,000	Date:	Plate: 1

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210.0610

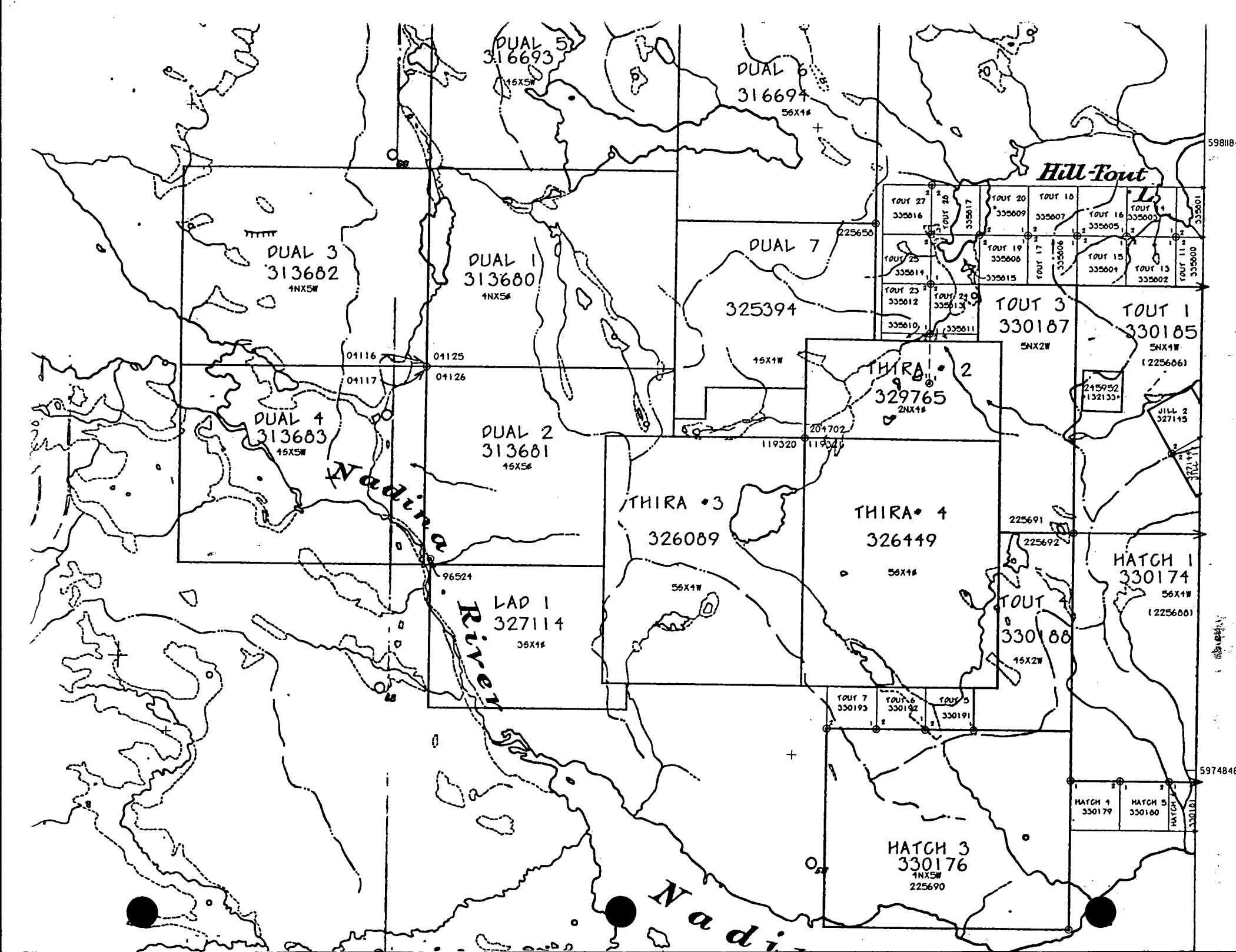
Drawn by:		Traced by:		THIRA PROPERTY CLAIM BOUNDARY		
Revised by	Date	Revised by	Date			
				Scale: 1:50,000	Date:	Plate: 2

THIRA TENURE

LOCATION: ± 100 km SSW of Houston, Omineca M.D.
Lat. 53°55' N; Long. 127°00' W

PROPERTY: 43 Mineral Claims (199 Units), Total Area = ± 4,975 Ha.
(± 12,288 Acres)

Claims	Tenure No.	Units	Date Recorded	Assessment Due Date
* Hatch 1	330174	20	Aug. 19/94	Aug. 19/98
* Hatch 2	330175	20	"	"
* Hatch 3	330176	20	Aug. 17/94	Aug. 17/98
* Hatch 4	330179	1	Aug. 16/94	Aug. 16/98
* Hatch 5	330180	1	"	"
* Hatch 6	330181	1	"	"
* Hatch 7	330182	1	"	"
* Jill 1	327144	1	Jun. 18/94	Jun. 18/98
* Jill 2	327145	1	"	"
* Mol 7	325976	1	May 20/94	May 20/98
* Mol 8	325977	1	"	"
* Mol 9	325971	1	May 18/94	May 18/98
* Mol 10	325972	1	"	"
* Thira 2	329765	8	Aug. 13/94	Aug. 13/98
* Thira 3	326089	20	Jun. 08/94	Jun. 08/99
* Thira 4	326449	20	Jun. 18/94	Jun. 18/99
* Tout 1	330185	20	Aug. 19/94	Aug. 19/98
* Tout 2	330186	20	"	"
* Tout 3	330187	10	"	"
* Tout 4	330188	8	"	"
* Tout 5	330191	1	Aug. 17/94	Aug. 17/98
* Tout 6	330192	1	"	"
* Tout 7	330193	1	"	"
Tout 9	335798	1	May 14/95	May 14/99
Tout 10	335799	1	"	"
Tout 11	335800	1	"	"
Tout 12	335801	1	"	"
Tout 13	335802	1	"	"
Tout 14	335803	1	"	"
Tout 15	335804	1	"	"
Tout 16	335805	1	"	"
Tout 17	335806	1	"	"
Tout 18	335807	1	"	"
Tout 19	335808	1	"	"
Tout 20	335809	1	"	"
Tout 21	335810	1	"	"
Tout 22	335811	1	"	"
Tout 23	335812	1	"	"
Tout 24	335813	1	"	"
Tout 25	335814	1	"	"
Tout 26	335815	1	"	"
Tout 27	335816	1	"	"
Tout 28	335817	1	"	"


DUAL 5
316693
16X5W
DUAL 6
316694
56X1W
DUAL 3
313682
4NX5W
DUAL 1
313680
4NX5W
DUAL 7
325394
16X1W
225656
Hill-Tout
TOUT 27
335016
TOUT 20
335609
TOUT 18
335607
TOUT 16
335605
TOUT 19
335606
TOUT 15
335604
TOUT 25
335619
TOUT 23
335612
TOUT 21
335613
335610
335611
TOUT 3
330187
5NX2W
TOUT 1
330185
5NX1W
(225686)
THIRA • 2
329765
2NX1W
215952
(132133)
JILL 2
327145
04116
04125
04117
04126
DUAL 4
313683
16X5W
DUAL 2
313681
16X5W
Nadina
204702
119320
119321
THIRA • 3
326089
56X1W
THIRA • 4
326449
56X1W
225691
225692
HATCH 1
330174
56X1W
(225680)
96524
LAD 1
327114
36X1W
TOUT
330188
16X2W
TOUT 7
330193
TOUT 6
330192
TOUT 5
330191
River
HATCH 4
330179
HATCH 5
330180
HATCH 3
330176
4NX5W
225690
5981184
5974848

IV. EXPLORATION HISTORY

Portions of the Thira property have been worked by a variety of companies since the early 70's porphyry boom in this area. Work programs conducted by the former operators are summarised below.

1. Jorex/Dome (1970-73)- mapping, geochem., I.P. and 2400 metres (16 holes) diamond drilling Copper Pond area; south-west end of property.

2. Quintana (1974)- 8.7 km of I.P., east end of property

3. Utah Mines (1982)- geological mapping, 68 km of I.P., possibly some overburden drilling but no core drilling recorded; central portion of property

4. Placer (inherited property from Dome; 1987-1992) - 12 km I.P. south-west end of property

5. Swift Minerals (1989-90)- 6 diamond drill holes, 1944 metres; area south of Hill-Tout Lake

V. GEOLOGY

The Thira property is mainly underlain by mafic to intermediate volcanic rocks of the Middle to Lower Jurassic Telkwa Formation (Hazelton Group). On the western portion of the property conglomerate and andesitic volcanic strata of the Upper Cretaceous Kasalka Group are exposed.

Both volcanic suites are intruded by feldspar porphyritic stocks and dykes of likely Late Cretaceous age. Porphyry-style chlorite-biotite-potassium feldspar alteration and associated pyrite+/-chalcopyrite mineralization is observed throughout the property and is most intense in proximity to the intrusive bodies. The country rock in the vicinity of the intrusive bodies is strongly fractured. Pyrite/chalcopyrite mineralization occurs as dissemination's and fracture fillings in both country rock and intrusions. Pyrite commonly exceeds 3% over broad areas of the property.

VI. DIAMOND DRILLING

Due to the encouragement provided by the mineralized intersection in hole PH95-5 of the 1995 percussion drill program (0.18% Cu over 220') it was decided to more thoroughly test the 2.0 x 1.3 km chargeability low associated with hole five (Figure 3). Three

diamond drill holes were laid out to form a box with corners at 500 metres. Unfortunately, problems with permitting road construction over the swampy area to be drill tested meant a less than ideal hole layout (Figures 3 and 4).

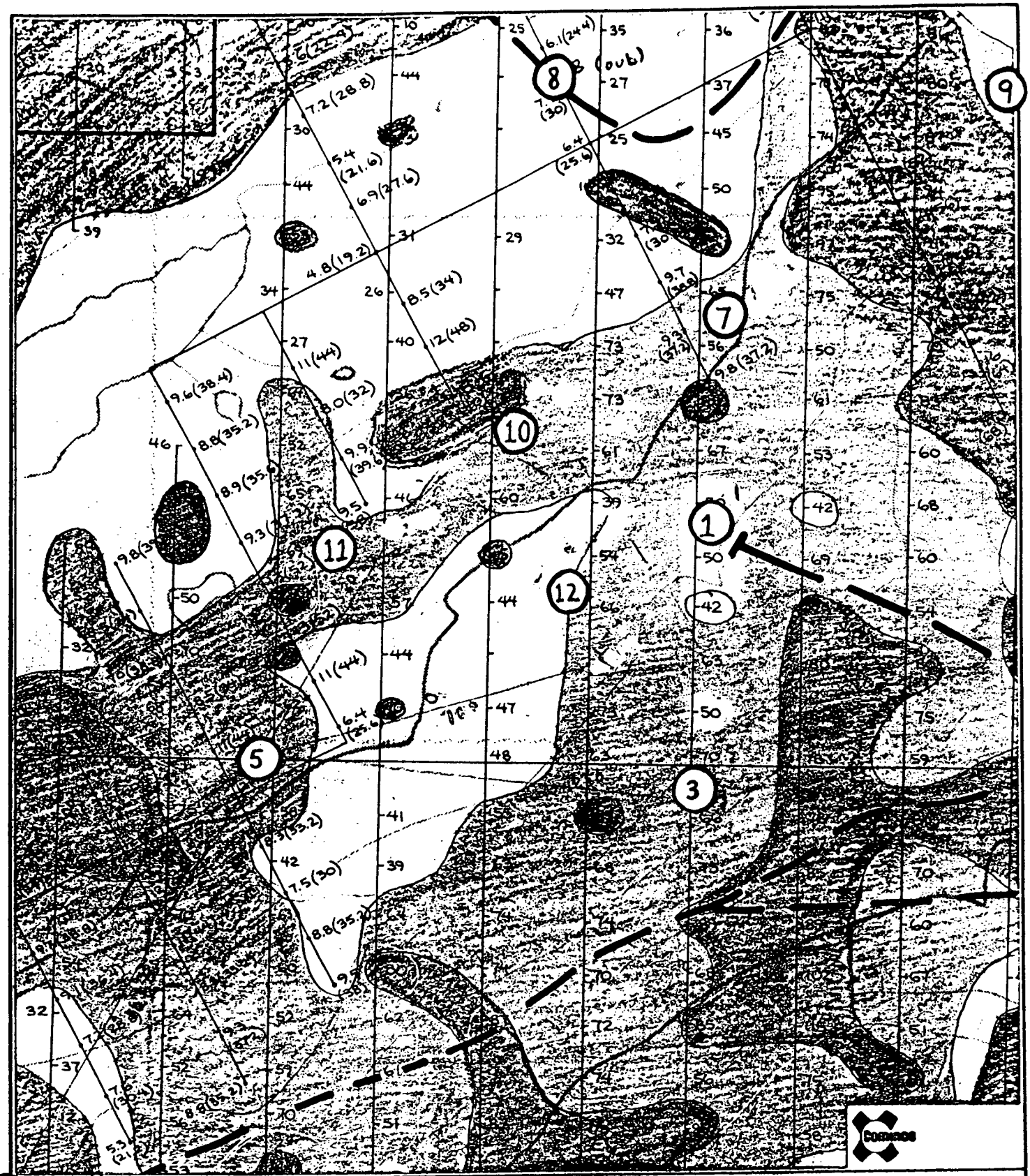
Three holes were completed to a depth of approximately 100 metres in late November/early December. Hole DH95-10 (Figure 3) collared in a white, weakly feldspar porphyritic, strongly pyritic felsic intrusion similar to that observed in percussion holes PH95 1-4 (Figure 4). At a depth of 32.2 metres it passed into strongly biotite-altered mafic to intermediate lapilli tuff. This zone was very strongly quartz veined and moderately fractured with 3-5% disseminated and 3-5% vein pyrite. Locally gypsum veinlets are also present. Only isolated specks of chalcopyrite were observed and only one two metre split (78-80 metres) returned elevated metal values (0.23% Cu, 11.1 ppm Ag and 94 ppb Au).

Hole DH95-11, drilled 370 metres south-west of hole 10, intersected the white feldspar porphyry throughout it's entire length and returned less than 10 ppm Cu over much of the hole. Low copper values are typical of the white feldspar porphyry over most of the property.

Hole DH95-12 was collared on the south-eastern edge of the I.P. low, 330 metres south of hole 10 and 650 metres east of hole 5 (Figure 3). It also intersected white feldspar porphyry to a depth of 34.3 metres. Here, however, the white porphyry is mineralized with an average copper grade of 0.054% Cu over the interval 12.2-34.3 metres. The copper mineralization occurs as very fine-grained chalcopyrite and lesser bornite in narrow quartz veinlets. As typical elsewhere this unit is characterised by 5-15% fine-grained, disseminated pyrite.

At a depth of 34.3 metres the hole passed into a multi-phase granitic intrusion. This intrusion varies from a feldspar porphyritic granite, through equigranular granite into weakly feldspar porphyritic granodiorite down the hole. These units seem to all represent phases of the same intrusive body as all contacts are quite gradational. The granitic intrusion is mineralized throughout with the best mineralized section associated with the equigranular granite between 51.9 and 57.8 metres (see Appendix 1 for logs and geochemical results). This interval averaged 0.15% Cu with weakly elevated gold (to 72 ppb over 2 metres) and silver (to 1.2 ppm over 2 metres) values. Molybdenum is weakly elevated throughout the hole ranging from 4 ppm to 109 ppm over two metre intervals.

Alteration in hole twelve is characterised by weak to locally strong fine-grained red-brown biotite, ubiquitous chlorite and locally



Drawn by:		Traced by:	
Revised by	Date	Revised by	Date

THIRA PROPERTY

CHARGEABILITY AND 1995 DRILLING

Scale: 1:10,000 | Date: | Plate: 3

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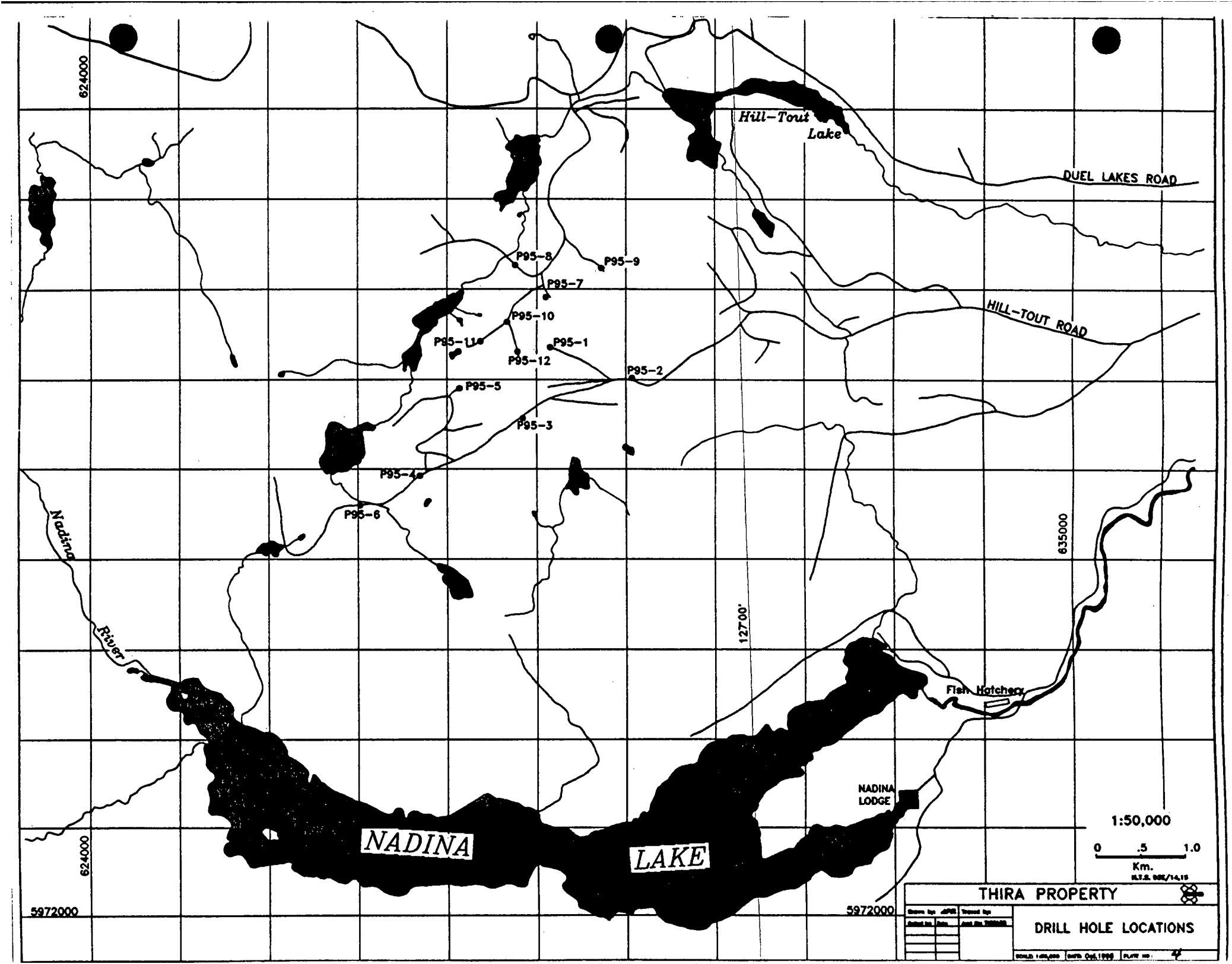
624000
Hill-Tout Lake
DUEL LAKES ROAD
P95-8
P95-9
P95-7
P95-10
HILL-TOUT ROAD
P95-11
P95-1
P95-12
P95-2
P95-5
P95-3
P95-4
P95-6
Nadina River
635000
12700'
Fish Hatchery
NADINA LODGE
NADINA LAKE
624000
5972000
5972000
1:50,000
0 .5 1.0
Km.
THIRA PROPERTY
DRILL HOLE LOCATIONS

concentrated strong pink potassic feldspar flooding. In general, the hole displays impressive looking alteration and disappointingly little mineralization.

VII. CONCLUSIONS AND RECOMMENDATIONS

Three diamond drill holes were completed around a distinct chargeability low associated with the mineralized center discovered by the 1995 percussion drill program. These holes indicate the presence of a sizeable area of porphyry style mineralization and an even larger area of good looking alteration and pyrite mineralization. Unfortunately, none of the drilling on the Thira property to date has located economic grade base or precious metal mineralization and no further drilling is warranted.

Report By: _____
Darin Wagner
Geologist II,
Western District

Endorsed By: _____
K. R. Pride, P. Geo.
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Western District

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General Manager
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Distribution:
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B. Hofsink/N. Pacquette
Western District Files

APPENDIX I

DRILL LOGS AND ANALYTICAL RESULTS

FOR 1995

DIAMOND DRILL HOLES ON THE

THIRA PROPERTY

DRILL HOLE RECORD **COMINCO LTD.**

Property: **THIRA**
Commenced: December 6/95
Completed: December 7/95
Coordinates:
Contractor: J.T. Thomas
Logged by: D.Senft/ D.W. Wagner

District: Omenica
Location:
Core Size: NQ
Claim Reference: Thira 4
Tract/Claim:
Elevation: 3400'
Licence:

Hole No.: TH95-10
Length: 100.6 m
Cor. Dip: Vertical
True Brg.:
% Recovery.: 85
Sample No.

Metres From	To	Description
0	9.1	Overburden
9.1	32.2	White Felsic Intrusion White to light grey, fine-grained, weakly feldspar porphyritic felsic intrusive. Strong disseminated pyrite (10%) with abundant weathered vug. Strongly fractured throughout with only moderate recoveries. Pyrite fracture coatings common. Unit is the same as encountered in top of hole 12 and throughout hole 11 and probably correlates with similar unit in percussion holes.
32.2	100.6	Biotite-Altered Mafic or Intermediate Lapilli Tuff Dark red-brown, fine-grained matrix with 15-20% 0.2-3.0 cm angular to subrounded, typically light grey to pink clasts. Matrix is intensely altered/replaced by fine-grained secondary biotite. Clasts include quartz-eye rhyolite, mafic volcanics and rare quartz-feldspar porphyry fragments. Clasts, show weak potassic alteration and commonly have slightly resorbed margins. Abundant veinlets of quartz and pyrite with narrow light grey silica-carbonate selvages. 3-5% disseminated pyrite; overall pyrite 5-10%, rare trace cp. Minor gypsum veining. Veining is 3-10%. 52.9-60.5 Zone of silica flooding with minor iron carbonate and green mica. 79.5-79.6 1 cm thick gypsum vein in 4-6 mm hematite crystals. 81.2-88.9 Very strong biotite-alteration with 7-10% pyrite 93.7-98.4 Strong pyrite mineralization (10%) associated with minor iron carbonate and silica flooding. **END OF HOLE @ 100.6**

THIRA 95-10

SAMPLES: G - GRAB S - SPLIT

No.	From(m)	To(m)	
1.	91	12.3	(S)
2.	12.3	15.5	(S)
3.	15.5	18.3	(S)
4.	18.3	21.1	(S)
5.	21.1	25.8	(S)
6.	28.5	32.	(S)
7.	32.2	42	(S)
8.	42	44	(S)
9.	44	46	(G)
10.	46	48	(S)
11.	48	50	(S)
12.	50	52	(G)
13.	52	54	(S)
14.	54	56	(S)
15.	56	58	(G)
16.	58	60	(G)
17.	60	62	(S)
18.	62	64	(G)
19.	64	66	(S)
20.	66	68	(S)
21.	68	70	(S)
22.	70	72	(G)
23.	72	74	(S)
24.	74	76	(G)
25.	76	78	(S)
26.	78	80	(G)
27.	80	82	(S)
28.	82	84	(S)
29.	84	86	(S)
30.	86	88	(S)
31.	88	90	(G)
32.	90	92	(G)
33.	92	94	(S)
34.	94	96	(S)
35.	96	98	(S)
36	98	100	(S)

THIRA-WD

Job V 95-0788R

TH-10

Report date 21 DEC 1995

LAB NO	FIELD NUMBER	DRILL INTERVAL from (metres)	to	Cu ppm	Ag ppm	Au ppb	Wt Au gram	Mo ppm
R9528652	#1 TH-10	9.10	12.30	81	<.4	<10	5	<2
R9528653	#2 TH-10	12.30	15.50	71	<.4	<10	5	<2
R9528654	#3 TH-10	15.50	18.30	67	<.4	<10	5	<2
R9528655	#4 TH-10	18.30	21.10	122	<.4	<10	5	2
R9528656	#5 TH-10	21.10	25.80	116	<.4	<10	5	2
R9528657	#6 TH-10	25.80	32.20	159	<.4	<10	5	<2
R9528658	#7 TH-10	32.20	42.00	53	<.4	<10	5	2
R9528659	#8 TH-10	42.00	44.00	53	<.4	<10	5	2
R9528660	#9 TH-10	44.00	46.00	41	<.4	<10	5	<2
R9528661	#10 TH-10	46.00	48.00	74	<.4	<10	5	<2
R9528662	#11 TH-10	48.00	50.00	50	<.4	<10	5	3
R9528663	#12 TH-10	50.00	52.00	77	<.4	<10	5	2
R9528664	#13 TH-10	52.00	54.00	71	<.4	<10	5	2
R9528665	#14 TH-10	54.00	56.00	64	<.4	<10	5	<2
R9528666	#15 TH-10	56.00	58.00	193	<.4	<10	5	<2
R9528667	#16 TH-10	58.00	60.00	101	<.4	<10	5	<2
R9528668	#17 TH-10	60.00	62.00	46	<.4	<10	5	<2
R9528669	#18 TH-10	62.00	64.00	52	<.4	<10	5	<2
R9528670	#19 TH-10	64.00	66.00	61	<.4	<10	5	<2
R9528671	#20 TH-10	66.00	68.00	30	<.4	<10	5	<2
R9528672	#21 TH-10	68.00	70.00	31	<.4	<10	5	<2
R9528673	#22 TH-10	70.00	72.00	68	<.4	<10	5	<2
R9528674	#23 TH-10	72.00	74.00	31	<.4	<10	5	<2
R9528675	#24 TH-10	74.00	76.00	23	<.4	<10	5	<2
R9528676	#25 TH-10	76.00	78.00	39	<.4	<10	5	<2
R9528677	#26 TH-10	78.00	80.00	2320	11.1	94	5	2
R9528678	#27 TH-10	80.00	82.00	91	.4	<10	5	<2
R9528679	#28 TH-10	82.00	84.00	53	<.4	<10	5	2
R9528680	#29 TH-10	84.00	86.00	57	<.4	<10	5	2
R9528681	#30 TH-10	86.00	88.00	96	<.4	<10	5	3
R9528682	#31 TH-10	88.00	90.00	38	<.4	<10	5	2
R9528683	#32 TH-10	90.00	92.00	27	<.4	<10	5	<2
R9528684	#33 TH-10	92.00	94.00	20	<.4	<10	5	3
R9528685	#34 TH-10	94.00	96.00	7	<.4	<10	5	5
R9528686	#35 TH-10	96.00	98.00	12	<.4	<10	5	6
R9528687	#36 TH-10	98.00	100.00	20	<.4	<10	5	4

I=insufficient sample X=small sample E=exceeds calibration C=being checked R=revised
If requested analyses are not shown ,results are to follow

ANALYTICAL METHODS

Cu Aqua regia decomposition / AAS
Ag Aqua regia decomposition / AAS
Au Aqua regia decomposition / solvent extraction / AAS
Wt Au The weight of sample taken to analyse for gold (geochem)
Mo HNO_3 - $HClO_4$ decomposition / AAS

DRILL HOLE RECORD

COMINCO LTD.

Property: **THIRA**
Commenced: Dec. 5/1995
Completed: Dec. 6/1995
Coordinates:
Contractor: J.T. Thomas
Logged by: D.W. Wagner

District: Omineca
Location:
Core Size: NQ
Claim Reference: Thira 4
Tract/Claim:
Elevation: 3430'
Licence:

Hole No.: TH95-11
Length: 98.4 m
Cor. Dip: Vertical
True Brg.:
% Recovery.: 95
Sample No.

Metres From	To	Description
0	19.9	Overburden
19.9	98.4	White Felsic Intrusion Light grey to white, fine-grained, weakly feldspar porphyritic felsic intrusion as encountered in holes 10 and 12. Slightly mottled texture. Abundant disseminated pyrite and moderate to strong quartz-pyrite veining throughout. Local minor gypsum veining. Overall pyrite 5%, locally to 10%. Quartz-pyrite veinlets occasional exhibit silica haloes. 47.6-47.8 Fault gouge 60° to core axis 77.0-78.6 Strong veining with up to 30% pyrite 94.3-98.4 Abundant phenocrysts of quartz and feldspar (5-12 mm) with lesser pyrite. 94.3-98.4 Noticeably larger phenocrysts of quartz and feldspar, ranging in size from 5-12 mm. Pyrite mineralization has also significantly decreased. **END OF HOLE @ 98.4**

THIRA 95-11

SAMPLES: G - GRAB S - SPLIT

No.	From(m)	To(m)	
1.	19.8	22	(G)
2.	22	24	(G)
3.	24	26	(S)
4.	26	28	(S)
5.	28	30	(G)
6.	30	32	(G)
7.	32	34	(S)
8.	34	36	(G)
9.	36	38	(G)
10.	38	40	(G)
11.	40	42	(G)
12.	42	44	(S)
13.	44	46	(S)
14.	46	48	(G)
15.	48	50	(S)
16.	50	52	(G)
17.	52	54	(S)
18.	54	56	(G)
19.	56	58	(S)
20.	58	60	(S)
21.	60	62	(S)
22.	62	64	(G)
23.	64	66	(G)
24.	66	68	(S)
25.	68	70	(G)
26.	70	72	(S)
27.	72	74	(G)
28.	74	76	(G)
29.	76	78	(S)
30.	78	80	(S)
31.	80	82	(S)
32.	82	84	(G)
33.	84	86	(G)
34.	86	88	(S)
35.	88	90	(G)
36.	90	92	(S)
37.	92	94	(G)
38.	94	96	(G)
39.	96	98	(G)

THIRA-WD

Job V 95-0787R

TH-11

Report date 27 DEC 1995

LAB NO	FIELD NUMBER	DRILL INTERVAL from (metres)	to	Cu ppm	Ag ppm	Au ppb	Wt Au gram	Mo ppm
R9528613	#1 TH-11	19.80	22.00	17	<.4	<10	5	2
R9528614	#2 TH-11	22.00	24.00	27	<.4	<10	5	<2
R9528615	#3 TH-11	24.00	26.00	82	<.4	<10	5	4
R9528616	#4 TH-11	26.00	28.00	9	<.4	<10	5	3
R9528617	#5 TH-11	28.00	30.00	6	<.4	<10	5	3
R9528618	#6 TH-11	30.00	32.00	10	<.4	<10	5	3
R9528619	#7 TH-11	32.00	34.00	48	<.4	<10	5	3
R9528620	#8 TH-11	34.00	36.00	7	<.4	<10	5	<2
R9528621	#9 TH-11	36.00	38.00	5	<.4	<10	5	<2
R9528622	#10 TH-11	38.00	40.00	28	<.4	<10	5	<2
R9528623	#11 TH-11	40.00	42.00	5	<.4	<10	5	3
R9528624	#12 TH-11	42.00	44.00	59	<.4	<10	5	3
R9528625	#13 TH-11	44.00	46.00	39	<.4	<10	5	2
R9528626	#14 TH-11	46.00	48.00	9	<.4	<10	5	3
R9528627	#15 TH-11	48.00	50.00	23	<.4	<10	5	2
R9528628	#16 TH-11	50.00	52.00	18	<.4	<10	5	<2
R9528629	#17 TH-11	52.00	54.00	14	<.4	<10	5	4
R9528630	#18 TH-11	54.00	56.00	8	<.4	<10	5	2
R9528631	#19 TH-11	56.00	58.00	7	<.4	<10	5	<2
R9528632	#20 TH-11	58.00	60.00	8	<.4	<10	5	2
R9528633	#21 TH-11	60.00	62.00	12	<.4	<10	5	5
R9528634	#22 TH-11	62.00	64.00	8	<.4	<10	5	2
R9528635	#23 TH-11	64.00	66.00	7	<.4	<10	5	2
R9528636	#24 TH-11	66.00	68.00	7	.4	<10	5	3
R9528637	#25 TH-11	68.00	70.00	9	<.4	<10	5	2
R9528638	#26 TH-11	70.00	72.00	6	<.4	<10	5	2
R9528639	#27 TH-11	72.00	74.00	24	<.4	<10	5	3
R9528640	#28 TH-11	74.00	76.00	5	<.4	<10	5	<2
R9528641	#29 TH-11	76.00	78.00	28	1.4	40	5	5
R9528642	#30 TH-11	78.00	80.00	26	1	<10	5	<2
R9528643	#31 TH-11	80.00	82.00	15	1.3	24	5	<2
R9528644	#32 TH-11	82.00	84.00	3	.8	<10	5	<2
R9528645	#33 TH-11	84.00	86.00	7	.5	<10	5	<2
R9528646	#34 TH-11	86.00	88.00	9	.7	<10	5	5
R9528647	#35 TH-11	88.00	90.00	2	<.4	<10	5	<2
R9528648	#36 TH-11	90.00	92.00	6	.6	<10	5	<2
R9528649	#37 TH-11	92.00	94.00	7	<.4	<10	5	<2
R9528650	#38 TH-11	94.00	96.00	27	<.4	<10	5	<2
R9528651	#39 TH-11	96.00	98.00	10	<.4	<10	5	<2

I=insufficient sample X=small sample E=exceeds calibration C=being checked R=revised
If requested analyses are not shown ,results are to follow

ANALYTICAL METHODS

Cu Aqua regia decomposition / AAS
Ag Aqua regia decomposition / AAS
Au Aqua regia decomposition / solvent extraction / AAS
Wt Au The weight of sample taken to analyse for gold (geochem)
Mo HNO_3 - $HClO_4$ decomposition / AAS

Property: THIRA
Commenced: Dec. 7/95
Completed: Dec. 8/95
Coordinates:
Contractor: J.T. Thomas
Logged by: D.W.Wagner

District: Omineca
Location:
Core Size: NQ
Claim Reference:
Tract/Claim:
Elevation: 3500'
Licence:

Hole No.: TH95-12
Length: 101.5
Cor. Dip: Vertical
True Brg.:
% Recovery.: 100
Sample No.

Metres From	To	Description
0	12.2	Overburden
12.2	34.3	Felsic Dyke Light grey, fine to medium-grained equi-granular felsic intrusive similar to road outcrops and top of hole 1,10,11. 35-45% quartz, 60% weakly sericite-altered feldspar 5-15% disseminated fine-grained pyrite; core is badly broken over entire interval but fracturing appears weak with minor quartz veining; commonly porous - vuggy; minor graphite on fractures, weakly altered, un-mineralized.
34.3	51.9	Feldspar Porphyritic Granite 3-10% medium grained to coarse grained white to pinkish feldspar phenocrysts in m.g. equigranular ground mass of quartz (35-40%) and pink euhedral kspar; moderate to strong quartz pyrite veining throughout, 3-5% (locally to 10%) disseminated and vein, fine grained pyrite; quartz veins commonly have narrow chlorite selvages, originally <5% mafics, fine grained biotite totally replaced by chlorite; weak to moderate secondary kspar, minor coarse calcite veining; non-magnetic; 3% secondary m.g. red-brown biotite; tr only cp, mo; veins typically cut core at ~ 60° angle to core axis. 38.5 1 cm wide clear gypsum vein 48.1-49.2 Zone of intense red-brown biotite alteration; zone characterized by 3-5% relict c.g. feldspar crystals in dark red-brown, fine grained biotite; one cut by strong quartz-kspar pyrite veinlets; contacts are moderately sharp; 2 10 cm zones of strong kspar-quartz flooding with ~ 2% fine grained pyrite (48.1-48.2; 48.4-48.55).
51.9	57.8	Granite Fine to medium grained, equigranular, pinkish-grey granite 35-40% qtz, 15% chlorite-altered biotite, 45% feldspar commonly white with pink kspar rims; 5-7% disseminated pyrite; rare clots of secondary biotite (red-brown). Overall weak to moderately fractured with moderate quartz-pyrite veining; upper contact gradational lower contact gradational.
57.8	59.7	Granodiorite (weakly) feldspar pyrite Medium grey, medium grained, non-magnetic granodiorite with 5% red-brown biotite after m.g. hornblende, 10-15% dark green chlorite after biotite; 1-2% c.g. dark grey to white, commonly zoned plagioclase phenocrysts, 5-10% typically fine-grained quartz; 3-5% fine grained pyrite mainly as dissemination with lesser fracture linings; minor quartz veining; overall weakly fractured.
59.7	60.3	Feldspar Porphyry Dyke 10% c.g. white feldspar phenos. in m.g granite matrix, 1-2% disseminated pyrite; minor gypsum veining. Sharp upper and lower contacts.
60.3	66.6	Weakly Feldspar Porphyritic Granodiorite (As Above 57.8-59.7) 65.2-66.6 Zone of moderate to strong, pervasive pink feldspar alteration and moderate to strong quartz veining.

66.6	69.3	Feldspar Porphyry Dyke As above (59.7-60.3)
69.3	101.5	Weakly Feldspar Porphyritic Granodiorite As above but slightly coarser grained and slightly darker grey; 1-3% disseminated pyrite; minor quartz-pyrite veining with occasional kspar haloes; rare tr cp in < 1 cm thicker quartz veins with m.g. pyrite core
	75.9	6 cm quartz vein with 3% MoS_2
77.8	83.4	Zone of moderate to strong pervasive kspar alteration, clay alteration and gypsum/quartz pyrite veining; rock typically light pink.
83.4	101.5	Moderate fracturing and quartz-pyrite veining, commonly with pink kspar selvages; weak to moderate Kspar alteration overall, rare tr. cp.
	101.5	**END OF HOLE**

THIRA-WD

Job V 95-0793R

TH-12

Report date 27 DEC 1995

LAB NO	FIELD NUMBER	DRILL INTERVAL from (metres)	to	Cu ppm	Ag ppm	Au ppb	Wt Au gram	Mo ppm
R9528775	1 TH95-12	12.20	14.70	540	<.4	<10	5	6
R9528776	2 TH95-12	14.70	17.30	1001	.4	<10	5	15
R9528777	3 TH95-12	17.30	19.50	457	.5	<10	5	8
R9528778	4 TH95-12	19.50	21.60	255	<.4	<10	5	26
R9528779	5 TH95-12	21.60	24.10	275	<.4	<10	5	44
R9528780	6 TH95-12	24.10	27.40	565	<.4	<10	5	18
R9528781	7 TH95-12	27.40	30.00	401	<.4	<10	5	6
R9528782	8 TH95-12	30.00	34.00	809	.4	<10	5	4
R9528783	9 TH95-12	34.00	36.00	464	.7	<10	5	28
R9528784	10 TH95-12	36.00	38.00	501	.6	<10	5	22
R9528785	11 TH95-12	38.00	40.00	618	.6	<10	5	12
R9528786	12 TH95-12	40.00	42.00	353	.5	<10	5	31
R9528787	13 TH95-12	42.00	44.00	402	<.4	<10	5	14
R9528788	14 TH95-12	44.00	46.00	586	<.4	<10	5	12
R9528789	15 TH95-12	46.00	48.00	686	.6	<10	5	8
R9528790	16 TH95-12	48.00	50.00	318	<.4	<10	5	8
R9528791	17 TH95-12	50.00	52.00	641	.4	<10	5	15
R9528792	18 TH95-12	52.00	54.00	1290	.6	<10	5	22
R9528793	19 TH95-12	54.00	56.00	3060	1.1	72	5	21
R9528794	20 TH95-12	56.00	58.00	1520	1.2	<10	5	22
R9528795	21 TH95-12	58.00	60.00	1040	.7	<10	5	33
R9528796	22 TH95-12	60.00	62.00	998	<.4	<10	5	24
R9528797	23 TH95-12	62.00	64.20	1440	.9	<10	5	44
R9528798	24 TH95-12	64.20	64.70	785	.5	<10	5	21
R9528799	25 TH95-12	65.20	67.20	537	.8	<10	5	52
R9528800	26 TH95-12	67.20	69.30	956	.5	<10	5	29
R9528801	27 TH95-12	70.30	70.70	1024	.8	<10	5	17
R9528802	28 TH95-12	72.80	73.20	771	.7	<10	5	30
R9528803	29 TH95-12	74.70	75.10	1330	1.3	<10	5	10
R9528804	30 TH95-12	76.30	76.80	695	.5	<10	5	69
R9528805	31 TH95-12	77.80	80.00	839	.9	<10	5	25
R9528806	32 TH95-12	80.00	82.00	882	.4	<10	5	52
R9528807	33 TH95-12	82.00	83.40	965	.4	<10	5	20
R9528808	34 TH95-12	83.90	84.40	842	1.3	<10	5	20
R9528809	35 TH95-12	85.80	86.20	602	.6	<10	5	8
R9528810	36 TH95-12	88.00	88.50	787	.7	<10	5	9
R9528811	37 TH95-12	89.50	91.50	869	.4	<10	5	15
R9528812	38 TH95-12	91.50	93.50	650	.7	<10	5	109
R9528813	39 TH95-12	93.50	95.50	709	.6	<10	5	82
R9528814	40 TH95-12	95.50	97.50	771	<.4	<10	5	27
R9528815	41 TH95-12	97.50	99.50	469	0.8	<10	5	32

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ANALYTICAL METHODS

Cu Aqua regia decomposition / AAS
Ag Aqua regia decomposition / AAS
Au Aqua regia decomposition / solvent extraction / AAS
Wt Au The weight of sample taken to analyse for gold (geochem)
Mo HNO_3 - $HClO_4$ decomposition / AAS

APPENDIX II

IN THE MATTER OF THE B.C. MINERAL ACT

AND IN THE MATTER OF THE

DIAMOND DRILLING PROGRAM

CARRIED OUT ON THE THIRA PROPERTY,

LOCATED 55 KM SOUTHWEST OF HOUSTON, B.C.,

IN THE OMENICA MINING DISTRICT OF THE

PROVINCE OF BRITISH COLUMBIA,

MORE PARTICULARLY NTS 93E/14 AND 15

STATEMENT

I, Darin W. Wagner, of 12211 210th Street, in the City of Maple Ridge, in the Province of British Columbia, make oath and say:

1. That I am employed as a geologist by Cominco Ltd. and, as such have a personal knowledge of the facts to which I herein-after dispose;

2. That annexed hereto and marked as Exhibit "A" to this statement is a true copy of expenditures incurred during a diamond drilling program on the Thira Property;

3. That said expenditures were incurred in November and December, 1995 for the purpose of mineral exploration on the above noted property.

Darin W. Wagner
Geologist
Cominco Ltd.

Dated this 17th day of April, 1996
at Vancouver, B.C.

APPENDIX III - EXHIBIT "A"

STATEMENT OF EXPENDITURES

1995 DIAMOND DRILLING PROGRAM

THIRA PROPERTY

SALARIES: Permanent Staff (10 Days @ 250/Day)	$ 2,500
Temporary Staff (12 Days @ 175/Day)	2,100
GEOCHEMISTRY (116 Samples @ 17.50/sample)	2,030
DIAMOND DRILLING	31,500
ROAD CONSTRUCTION/MAINTENANCE/DEACTIVATION	38,900
TRUCK RENTALS (15 Days @ 70/Day)	1,050
EXPENSE ACCOUNTS/DOMICILE (20 Man Days @ 65/Day)	1,300
DRAFTING/REPORT PREPARATION	1,000
MISCELLANEOUS SUPPLIES/SHIPPING	2,500
TOTAL	**$ 82,880**

APPENDIX IV

CERTIFICATION OF QUALIFICATIONS

I, Darin W. Wagner, of 12211 210th Street, in the City of Maple Ridge, in the Province of British Columbia, do hereby certify:

i. That I graduated with a B.Sc. in Earth Sciences from the University of Waterloo in 1989.

ii. That I graduated with a M.Sc. in Earth Sciences from Carleton University in 1993.

iii. That I have been actively practising geology from 1989 to 1996 and am presently an employee of Cominco Ltd.

Darin W. Wagner, M.Sc.

April, 1996