

87-384-15903
06/88

ASSESSMENT REPORT

DIAMOND DRILLING

AMAI GOLD PROPERTY

NTS : 92 L / 3E, 14E
M.D. ALBERNI
Lat : 50 00 N
Long.: 127 05 W

OWNER : D. Murphy
Box 142,
Vananda
B.C.

SUB-RECORDER RECEIVED
JUL 6 1987
M.R. # \$.....
VANCOUVER, B.C.

OPERATOR: Thomson Gold Co. Ltd.
c/o Bourne Lyall
Three Bentall Centre
Box 49052
3000-595 Burrard Street
Vancouver
B.C.

FILMED

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

REPORT : R. Wares P.Eng.

Date : June 20, 1987

15,903

ASSESSMENT DRILLING REPORT, AMAI GOLD CLAIM

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INTRODUCTION

1:1 Location

The Amai Gold property is located 20 kms SW of Zeballos, B.C.. It is located in the Alberni Mining Division (NTS 92L-3E/14E). (fig 1)

1:2 Access

Access to the property is by boat from Fair Harbour, itself reached by road from Zeballos. Alternate access is by helicopter from Port Alberni, the regional supply centre, or from Campbell River, both centres being 0.8hrs helicopter flight.

Access to the drill site is by helicopter.

1:3 Topography

The Amai Inlet property is located at elevations from sea level to 1300m ASL.

The property is heavily timbered, with cedar, hemlock and balsam. Underbrush is dense.

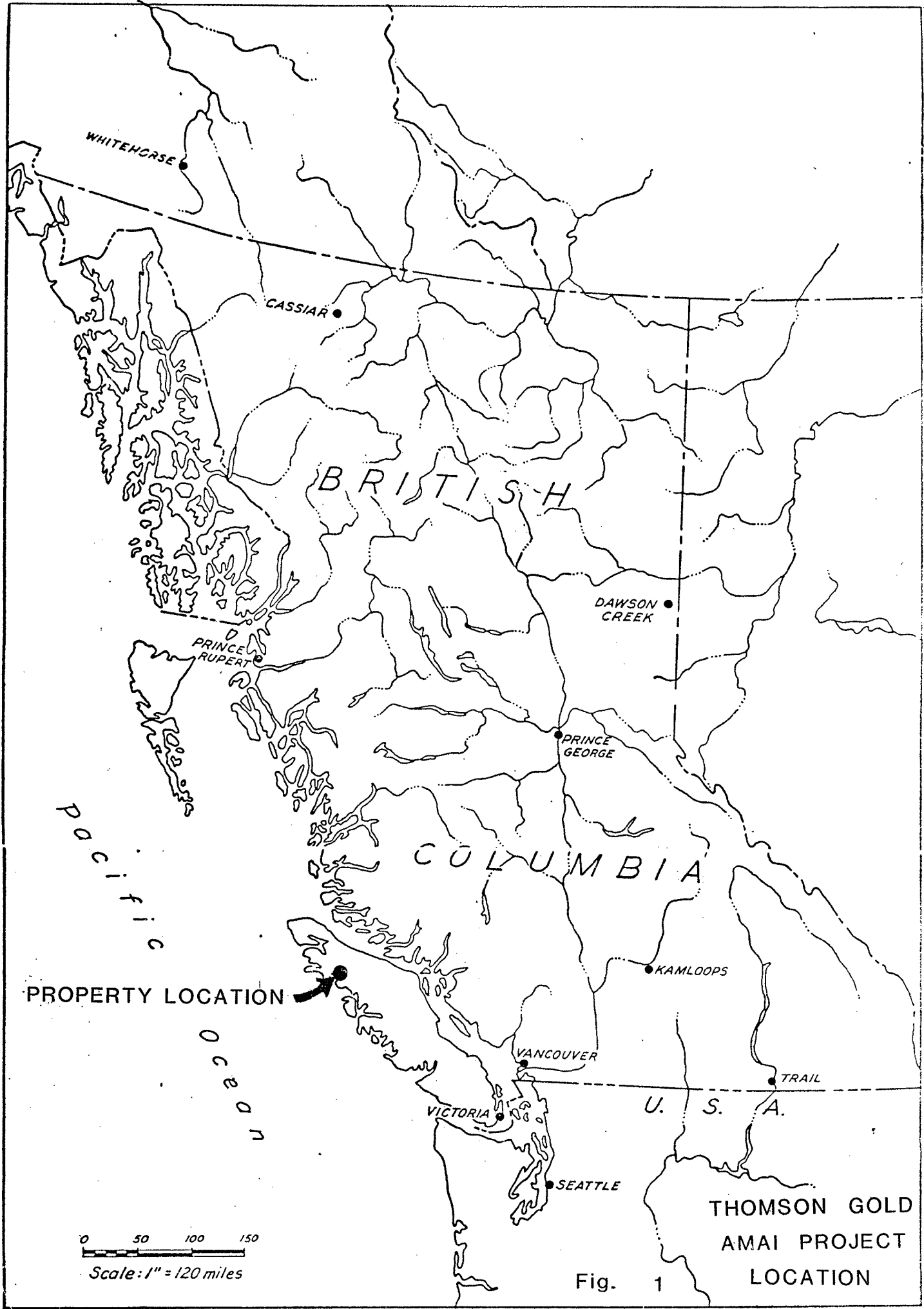
The drill site is located at an elevation of 574m. ASL in a steep, precipitous location, rendering drill locations difficult.

1:4 Claim Status

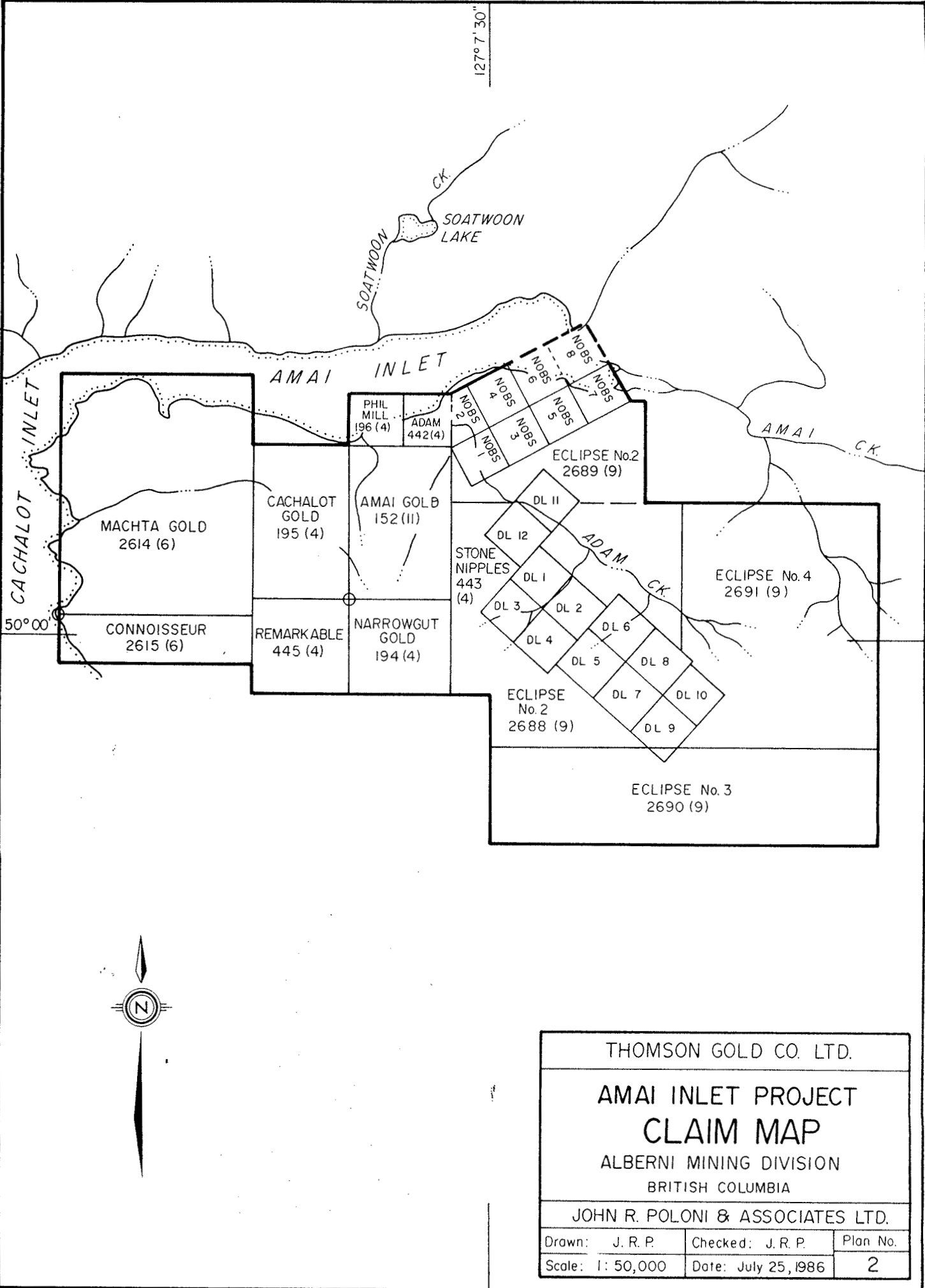
The Amai Inlet property ("Murphy Option") comprises a group of 56 claims. The claims are owned by D. Murphy, Box 142, Vananda, B.C. and under option to Thomson Gold Co. Ltd. (Table # 1) (fig. 2)

TABLE # 1
CLAIM DATA

<u>NAME</u>	<u>RECORD #</u>	<u>RECORD DATE</u>	<u>UNITS</u>
Amai Gold	152 (11)	Nov. 23, 1977	6
Narrowgut Gold	194 (4)	April 27, 1978	4
Cachalot Gold	195 (4)	April 27, 1978	6
Phil Mill	196 (4)	April 27, 1978	1
Adam	442 (4)	April 18, 1979	1
Stone Nipples	443 (4)	April 18, 1979	10
Remarkable	445 (4)	April 18, 1979	4
Machta Gold	2614 (6)	June 20, 1985	20
Connoisseur	2615 (6)	June 20, 1985	4



127° 7' 30"



THOMSON GOLD CO. LTD.

AMAI INLET PROJECT CLAIM MAP

ALBERNI MINING DIVISION
BRITISH COLUMBIA

JOHN R. POLONI & ASSOCIATES LTD.

Drawn: J. R. P.	Checked: J. R. P.	Plan No.
Scale: 1: 50,000	Date: July 25, 1986	2

1:5 Previous Work

The property was originally staked in 1938. In 1941, the property was leased by the Patmore group, who carried out 210 metres of tunnelling at three levels. A 15 TPD mill was installed at sea level.

The claims were re-located in 1978 by D. Murphy.

From 1980 to 1985, the claims were optioned by two different groups. The first group carried out road work, placer sampling and adit clearance. In 1985, the property was optioned by Cal Denver Resources, who carried out a programme of mapping, sampling and geochemical sampling, comprising soil sampling and heavy metal stream sampling.

The property was optioned by Thomson Gold Co, Ltd. in 1986, who carried out a programme of geological mapping, additional heavy metal stream geochemistry and 548.84m of diamond core drilling.

The property was visited on 20 May 1987, in company with D. Murphy, the property owner. Core was relogged and site locations checked.

Drilling was carried out from June 28 to July 12, 1986. Drill targets were selected by J. Poloni P.Eng, and core was split under his supervision.

The core was relogged in detail to provide information on alteration patterns, and to confirm assay intervals. Assaying was carried out by Bondar Clegg, of Vancouver, B.C.

Drilling was performed by Hydracore Drills, of Richmond, B.C., using BDQ drill equipment.

2:1 Regional Geology

The regional and general geology has been described in reports by Frantzen (1985) and Poloni (1986).

Essentially, it comprises Bonanza Group (Lower Jurassic) volcanic sequences cut by quartz diorite and quartz monzonite intrusions. Regional block faulting has produced a network of linears, some of which are the locus of dyke swarms and small breccia complexes of Tertiary age.

The Amai area closely resembles the Zeballos gold camp, some 20 kms NE of the property. There, narrow, but high grade gold occurrences are located along shear zones. The greater part of the gold mineralization at Zeballos is believed to be of Tertiary age.

2:2 Property Geology

The geology of the Amai property has been described in detail by Frantzen (1985).

Essentially, it comprises a 2000m sequence of flows and pyroclastics intruded by Jurassic granitic rocks. The volcanic rocks comprise a lower andesitic flow sequence, overlain by ash fall and ash flow pyroclastic rocks.

Contacts with the granitic rocks are locally diffuse. To a large extent, the contact zone is a structural contact. The granitic rocks are largely granodiorite with subordinate quartz diorite. Some dyke swarms are present on the property, these ranging from andesitic composition to fine grained dacite dykes, previously termed "felsite". Other dyke variants are present though their relationship to the main two types of dyke is uncertain.

The main area of gold mineralization is on the Amai Gold claim, on the Mil-Fil zone. It has previously been investigated by three adits. Mineralization comprises narrow, sheeted quartz veins, carrying coarse visible gold. Some silicification accompanies the gold mineralization.

3 DRILL PROGRAMME - 1986

3:1 Objectives

Objectives of the 1986 drill programme were to investigate strike and dip extensions of the gold mineralization previously sampled in the three adits (fig. 3).

Previous investigation had showed that the gold mineralization does not comprise one single zone, but forms separate sheets, controlled along steep northerly shear zones.

The adits are collared near the creek bed. The creek as steep walls, rendering the choice of drill sites difficult.

The site chosen for the drill was primarily to check extensions of the gold mineralization sampled in adit # 2 and 3.

All drill holes were drilled from the same set up because of limitations in developing other drill sites.

3;2 Geology

Units transected in the drill programme, consisted of variably altered granodiorite, two types of dyke and silicified wall rock forming an envelope around quartz veins.

Unaltered hornblende granodiorite (3a) is medium grained, sparsely porphyritic. Where there is increased alteration (3b), the unit becomes darker in colour, with some hematization of feldspars, and chloritization of amphiboles. Increased alteration (3c), produces a unit that is grey/cream in colour, has a low colour index, amphiboles are completely destroyed, producing a chlorite-epidote matrix. Progressive alteration (3d) produces a pale cream unit with a granular matrix, and sporadic quartz porphyroblasts. Some of the compositional variation observed in the drill core represent original compositional variation, and some alteration effects.

AMAI INLET

CACHALOT GOLD
(195)

adits

DRILL SITE

AMAI GOLD (152)

LCP

REMARKABLE (445)

NARROWGUT GOLD
(194)



0 500m

THOMSON GOLD
AMAI PROJECT
DRILL LOCATION
Date June 87 Fig. 3

3:2 (cont)

Other units observed in the drill core are a suite of fine grained andesite dykes (4a) and grey, aphanitic to fine grained dacite dykes, elsewhere described as "felsite".

Some zones were intersected that show strong deformation and occasional fine banding. These have been described as cataclasites. Elsewhere, fault and shear zones are marked by a high joint/fracture frequency, producing blocky, broken core.

Quartz veins, where intersected, occasionally exhibited fine cm. scale marginal banding.

3:3 Hole # 86-1

This hole, drilled at -45 , at a bearing of 227 , was designed to cut the strike extension of mineralisation in adit # 3, . (fig. 4)

The hole cut a series of andesite dykes, and variably altered granodiorite (3c) to 52.9m, then cut a bleached cataclasite from 52.9m to 57.0m. All assays of this section were low (0.004 ozs Au/T). The drill also intersected a further high alteration envelope (3d) from 66.5-77.6m, forming an envelope around a quartz vein. This vein carried specks of visible gold. Over a 0.43 m core intersection, the quartz vein assayed 11.396 ozs Au/T. The footwall zone, over 0.34m core width, carrying iron oxides, assayed 0.468 ozs Au/T. Alteration diminished rapidly in the footwall.

3:4 Holes 86-2,3

These holes, both on section, were drilled at 255 , at -40 , and - 60 .

They were designed to test down dip extensions of adit # 3 mineralization. (fig. 5)

Both holes intersected a zone of mineralisation, one intersection above the level of adit # 3, and the second, in hole # 3, at an elevation of 504m.

Hole # 2 cut a drill intersection of 0.505 ozs Au/T over 0.06m, and hole # 3 intersected 0.498 ozs Au/T over 0.32m.

Both holes showed the characteristic hangingwall alteration, comprising granulation and silicification. Both holes also cut a shear zone 20-25m east of the mineralised zone, but this did not carry any values of economic interest.

3:5 Hole # 86-4

Hole # 4 was designed to test an extension down dip of adit # 3 mineralization.

The hole, drilled to a depth of 89.30m., cut a quartz vein from 78.56m. to 79.60 m that assayed 0.117 ozs Au/T . This vein was at the edge of a dacite dyke, itself enveloped in a silicified zone. (fig. 6)

The geology was generally similar to that of adit # 3.

3:6 Holes # 86-5,6

These holes were designed to test strike and dip extensions of mineralization encountered in adit # 2.

The holes were drilled at a bearing of 320 , at -60 , and -70 .

Hole # 5 because of a survey error, drilled through the face in adit # 2 and did not provide any information of economic interest.

Hole # 6, to test the zone at depth, failed to intersect any zone with values comparable to adit # 2. A weak pyrite stringer at 114.32m, (0.03m) assayed 0.028 ozs Au/T.

3:6 (cont)

Analysis of attitudes to the core axis, suggest that the hole may have deviated to the north and not encountered the down dip extension of the mineralization. (fig. 7)

3:7 Drill Plan

All drill holes in the 1986 series were drilled from one set up. Topographic restrictions precluded other sites that might have better tested the zones identified from the adits. (fig. 8)

The drill data suggest that the three adits do not form a continuous single zone but rather form, at least two, separate zones developed along separate shears.

Previous surface mapping had indicated (Frantzen, 1985), some cross faulting in the area of the adits. Influence on the drill intersections is unknown at present.

4 SUMMARY AND CONCLUSIONS

The 1986 drill programme on the Amai Inlet property has shown that the mineralization encountered in the upper adits shows some continuity at depth and along strike.

The programme shows some variability in gold values from that of the workings and clearly demonstrates that at least two separate zones of mineralization are present. A clearly defined alteration envelope is developed around the vein system, especially in the hangingwall of the steep, easterly dipping vein system.

To demonstrate the economic potential of the Mil- Fil zone, further drilling is required, along with detailed structural geology to assess structural controls, both local and property wide.

Suitable drill sites are lacking because of the severe terrain. Consideration should be given to excavating drill sites through blasting.

Drilling should be directed at extending strike and down dip information as well as extending the drilling to test other geochemical anomalies in the general area that are as yet, unexplained.



June 19, 1987

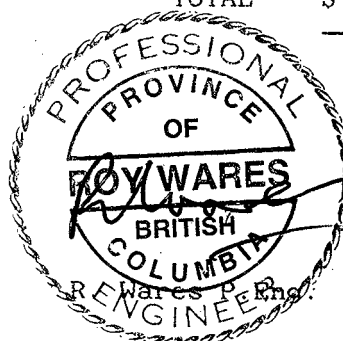
A:1 Statement of Costs

1) 549.84m of BDQ core drilling at \$ 57.40/m	\$ 31,750.00
2) Moving, set up, tear down, 230 hrs @ 23/hr	5,290.00
3) Laying water line, 106 hrs @ \$23.00/hr	\$ 2,438.00
4) Mobilisation/ demobilisation	\$ 3,000.00
5) Assaying, 37 samples @ 20.00/sample	\$ 740.00
6) helicopter transport, as per invoices	\$ 7,687.00

TOTAL

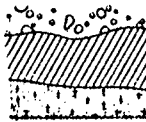
\$ 50,898.00

50905.00



A:2 ASSAY CERTIFICATES

Bondar-Clegg & Company Ltd.
 130 Pemberton Ave.
 North Vancouver, B.C.
 Canada V7J 2R5
 Phone: (604) 985-0681
 Telex: 04-352667



BONDAR-CLEGG

Certificate
 of Analysis

REPORT: 426-2328 (COMPLETE)

REFERENCE INFO:

CLIENT: MR. JOHN POLONI
 PROJECT: NONE GIVEN

SUBMITTED BY: J POLONI
 DATE PRINTED: 16-JUL-86

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au Gold - FIRE ASSAY	21	0.001 OPT		
2	Ag Silver	21	0.01 OPT		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
D DRILL CORE	11	2 -150	21	ASSAY PREP	21
C CONCENTRATE (PAN/HH)	10				

NOTES: = indicates SEE OBS REMARKS

REMARKS: = Au, Ag - Au & Ag WAS FOUND IN THE +150 MESH FRACTION AND CALCULATED INTO THE TOTAL.

REPORT COPIES TO: MR. JOHN POLONI
 MR. ED WALLACE

INVOICE TO: MR. JOHN POLONI

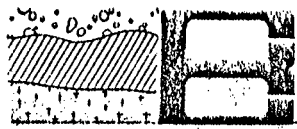


REPORT: 426-2328

PROJECT: NONE GIVEN

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	AU OPT	AG OPT
D2 1		0.004	<0.02
D2 2		0.012	<0.02
D2 3		<0.002	<0.02
D2 4		0.004	0.02
D2 5		0.002	<0.02
D2 6		<0.002	<0.02
D2 7		0.057	0.02
D2 8		0.012	<0.02
D2 9		11.936=	3.29=
D2 10		0.468	0.22
D2 11		0.016	0.02
C2 N1		0.003	0.02
C2 N2		<0.002	<0.02
C2 PS1		<0.002	<0.02
C2 PS3		0.002	<0.02
C2 PS4		<0.002	<0.02
C2 PS6		0.008	<0.02
C2 PS7	Arisea South West? →	0.165	0.04
C2 PS8		0.011	<0.02
C2 PS9		0.002	<0.02
C2 NO NUMBER 8582		<0.002	<0.02



REPORT: 426-2652

PROJECT: NONE GIVEN

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Ag OPT
---------------	---------------	--------	--------

R2 11		0.002	<0.02
R2 12		0.003	<0.02
R2 13		0.004	<0.02
R2 14		0.505	0.04
R2 15		0.002	<0.02

R2 16		0.002	<0.02
R2 17		0.002	<0.02
R2 18		0.013	<0.02
R2 19		0.726=	0.55
R2 20		0.040	<0.02

0.498 ± 0.53

R2 21		0.003	<0.02
R2 22		0.002	<0.02
R2 23		0.009	<0.02
R2 24		0.117	0.02
R2 25		0.005	<0.02

R2 26		0.002	<0.02
R2 27		0.002	<0.02
R2 28		0.002	<0.02
R2 29		0.002	<0.02
R2 30		<0.002	<0.02

R2 31		0.002	<0.02
R2 32		0.002	<0.02
R2 33		0.002	<0.02
R2 34		0.002	<0.02
R2 35		0.020	<0.02

R2 36		0.002	<0.02
R2 37		0.028	0.02
R2 38		0.002	<0.02

A:3 DRILL LOGS

DIAMOND DRILL RECORD

PROPERTY AMAI GOLD

HOLE No. 86-2

DIP TEST		
Footage	Angle	
	Reading	Corrected
0	-40	

Hole No. 86-2 Sheet No. 1of1
 Section _____
 Date Begun 30 June 1986
 Date Finished 3 July 1986
 Date Logged 20 May 1987

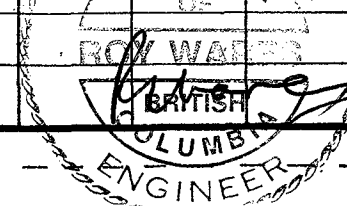
Lat. _____
 Dep. _____
 Bearing 255
 Elev. Collar 574m

Total Depth 67.97m
 Logged By R. Wares
 Claim Amai Gold
 Core Size BDQ

ASSAYS

DEPTH		RECOV.	DESCRIPTION	#	SAMPLE No.	FROM	TO	WIDTH	Au ozs/T	Ag ozs/T
FROM	TO									
0	2.9		Casing							
2.9	6.8		medium altered granodiorite, occasional pervasive epidot isation	3c						
6.8	7.3		andesite dyke	4a						
7.3	7.5		as 2.9-6.8	3c						
7.5	10.5		andesite dyke	4a						
10.5	10.7		granodiorite	3c						
10.7	11.8		andesite dyke, slight mottling at contact, at 40 to CA	4a						
11.8	18.7		medium altered granodiorite	3c						
18.7	20.2		andesite dyke	4a						
20.2	43.4		granodiorite, sparse alteration to 27.3m, then increasing matrix sericitisation to end of section; strongly deformed with frequent small fractures at 40 to CA from 35.77 to 38.5m, texture finer grained and lower colour index in deformed sections, 40-43.4m, deformed altered section	3b	11a	43.33	45.72	2.39	0.002	0.02
43.4	48.1		transition to less altered section	3c						
48.1	58.7		transition back to finer grained ariably deformed section with matrix granulated and irregular, granodiorite	3d	12	51.76	52.17	0.41	0.003	0.02
58.77	58.83		quartz vein, with traces visible gold and 1-2% pyrite	6a	14	53.00	53.73	0.73	0.004	0.02
58.83	67.97		medium altered granodiorite, showing a reduction in al- teration and deformation away from the vein	3c						

67.97m END OF HOLE



DIAMOND DRILL RECORD

PROPERTY AMAI GOLD

HOLE No. 86-1

DIP TEST		
Footage	Angle	
	Reading	Corrected
0	-45	

Hole No. 86-1 Sheet No. 1of1
 Section _____
 Date Begun 28 June 1986
 Date Finished 30 June 1986
 Date Logged 20 May 1987

Lat. _____
 Dep. _____
 Bearing 227
 Elev. Collar 574m

Total Depth 83.21m
 Logged By R. Wares
 Claim Amai Gold
 Core Size BDQ

ASSAYS

DEPTH		RECOV.	DESCRIPTION	#	SAMPLE No.	FROM	TO	WIDTH	Au ozs/T	Ag ozs/T
FROM	TO									
0	1.5		Casing							
1.5	8.1		andesite dyke, green, fine grained, contact at 40 to CA	4a						
8.1	26.2		granodiorite, medium grained, sparsely porphyritic, with medium alteration, scattered epidote-chlorite blotches	3c						
26.2	36.3		as above, progressively more epidotised and altered with colour index from 10-20	3c						
36.3	38.1		dacite dyke, aphanitic to fine grained, grey/green	5a	1 -	36.43	38.06	1.63	0.004	0.02
38.1	52.9		As 26-36, hematite zone at 52.7m, with some fine pyrite	3c	2 -	39.51	40.34	0.83	0.012	0.02
52.9	57.0		grey/green, bleached cataclasite, with fine cleavage, traces of pyrite and hematite along the cleavage,	3d	3 -	53.23	53.89	0.66	0.002	0.02
			at 60 to CA		4 -	53.89	55.33	1.44	0.004	0.02
					5 -	55.33	56.80	1.47	0.002	0.02
57.0	69.5		low alteration phase, granodiorite, with some hematisation of feldspars, 0.5m andesite dyke at 66.4m.	3b						
69.5	77.6		high alteration envelope, with reduction in colour index, core becoming blocky and broken with Fe-oxide staining	3d	6 -	75.20	75.39	0.19	0.002	0.02
			from 74.2 onwards.		7 -	75.55	75.60	0.05	0.057	0.02
					8 -	75.60	77.60	2.00	0.012	0.02
77.6	78.03		quartz vein, carrying specks of visible gold	6a	9 -	77.60	78.03	0.43	11.396	3.29
78.03	78.4		granodiorite, with Fe-oxide staining	3d	10 -	78.03	78.37	0.34	0.468	0.22
78.4	79.2		andesite dyke, somewhat sheared	4a	11 -	78.37	79.13	0.76	0.016	0.02
79.2	83.21		granodiorite, medium alteration, feldspar alteration	3c						
			diminishing down section 83.21 END OF HOLE							



DIAMOND DRILL RECORD

PROPERTY AMAI GOLD

HOLE No. 86-3

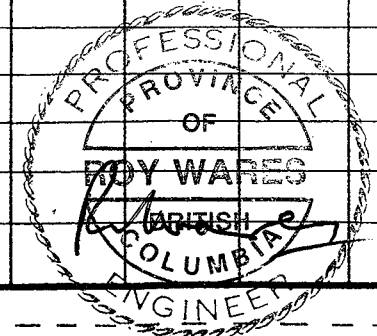
DIP TEST		
Footage	Angle	
	Reading	Corrected
0	-60-	

Hole No. 86-3 Sheet No. 1 of 2
 Section _____
 Date Begun 3 July 1986
 Date Finished 4 July 1986
 Date Logged 20 May 1987

Lat. _____
 Dep. _____
 Bearing 255
 Elev. Collar 574m

Total Depth 84.73m
 Logged By R. Wares
 Claim Amai Gold
 Core Size BDQ

DEPTH		RECOV.	DESCRIPTION	#	SAMPLE No.	FROM	TO	WIDTH		
FROM	TO									
0	1.82		Casing							
1.82	5.21		medium altered granodiorite	3c						
5.21	10.05		andesite dyke, blocky and broken, fine grained with contact at 40 to CA	4a						
10.05	10.7		granodiorite	3c						
10.7	11.4		andesite dyke	4a						
11.4	12.8		sheared, blocky, medium altered granodiorite	3c						
12.8	14.52		andesite dyke, local incipient bleaching near contacts	4a						
14.52	16.53		textural change with granulation and incipient alteration diminishing down section	3c						
16.53	25.3		weakly altered granodiorite with sparse hematisation of feldspars	3b						
25.3	35.4		granodiorite, sparsly porphyritic and showing no signs of alteration and deformation	3a						
35.3	36.4		transition back to weakly altered granodiorite	3b						
36.4	40.7		medium altered granodiorite, core blocky and broken with fractures at 60 to CA, matrix becomes granulated with a lower CI.	3c						
40.7	41.3		strongly altered section, CI 5-10, with scattered quartz phenocrysts in granular, sericitic matrix	3d						



DIAMOND DRILL RECORD

PROPERTY _____

HOLE No. 86-3

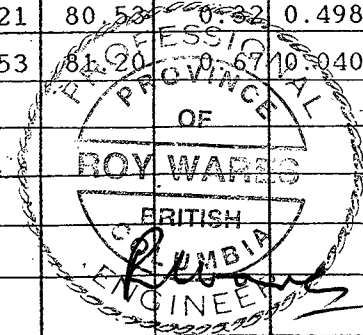
DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. _____ Sheet No. _____ Lat. _____
 Section _____ Dep. _____
 Date Begun _____ Bearing _____
 Date Finished _____ Elev. Collar _____
 Date Logged _____

Total Depth 84.73m
 Logged By R. Wares
 Claim Amai Gold
 Core Size BDQ

ASSAYS

DEPTH		RECOV.	DESCRIPTION	#	SAMPLE No.	FROM	TO	WIDTH	Au ozs/T	Ag ozs/T
FROM	TO									
41.3	49.3		transition back to medium altered granodiorite, with core blocky and broken, epidotisation of feldspars abundant.		15	48.95	50.31	1.36	0.002	0.02
49.3	50.7		andesite dyke, blocky and broken							
50.7	52.1		medium altered granodiorite							
52.1	55.2		blocky, broken, strongly altered section, with low(5-10) CI, extensive chloritisation and epidotisation.		16	52.11	55.07	2.96	0.002	0.02
55.2	58.2		more massive, altered zone with low CI							
58.2	64.9		medium altered granodiorite, moderate epidotisation, higher colour index, core becoming blocky and broken down section							
64.9	70.1		blocky and broken andesite dyke		17	66.05	66.70	0.65	0.002	0.02
70.1	80.11		blocky, broken granodiorite, some chloritisation, secondary hematite in feldspars, some secondary hornblende		18	79.27	80.21	0.94	0.013	0.02
80.11	80.43		quartz vein, trace visible gold, some pyrite stringers		19	80.21	80.53	0.32	0.498	0.55
80.43	83.8		blocky, broken, silicified and oxidised zone, with secondary iron oxides, traces malachite		20	80.53	81.20	0.67	0.040	0.02
83.8	84.2		andesite dyke							
84.2	84.73		medium altered granodiorite							
			84.73m <u>END OF HOLE</u>							



DIAMOND DRILL RECORD

AMAI GOLD

PROPERTY _____

HOLE No. 86-4

DIP TEST		
Footage	Angle	
	Reading	Corrected
0	-60	

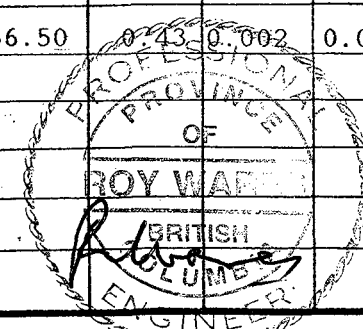
Hole No. 86-4 Sheet No. 1 of 2
 Section 5 July 1986 July 1986
 Date Begun _____
 Date Finished 7 July 1986
 Date Logged 20 May 1987

Lat. _____
 Dep. _____
 Bearing 285
 Elev. Collar 574m

Total Depth 89.30
 Logged By R. Wares
 Claim Amai Gold
 Core Size BDQ

ASSAYS

DEPTH		RECOV.	DESCRIPTION	#	SAMPLE No.	FROM	TO	WIDTH	Au OZS/T	Ag OZS/T
FROM	TO									
0	1.5		Casing							
1.5	7.21		andesite dyke, contact at 40 to CA	4a						
7.21	17.21		medium altered granodiorite, with variable epidotization, silicified and sheared at 17.1 -17.21 m	3c						
17.21	19.2		andesite dyke	4a						
19.2	20.1		medium altered granodiorite	3c						
20.1	21.2		andesite dyke	4a						
21.2	22.3		granodiorite, as above	3c						
22.3	27.9		andesite dyke	4a						
27.9	41.5		partially altered granodiorite, only slight textural modification	3b						
41.5	49.6		gradation into moderate alteration, with hematisation of feldspars, core blocky and broken.	3c	21	49.28	52.08	2.80	0.003	0.02
49.6	51.2		rapid transition into strongly altered zone with some silicification and cataclasis.	3d						
51.2	56.0		transition back into weaker altered granodiorite, core occasionally blocky and broken, joints at 50 to CA	3b	22	66.07	66.50	0.43	0.002	0.02
66.0	66.3		andesite dyke, blocky and broken	4a						
66.3	69.5		blocky, broken, partly silicified zone	3d						
69.5	75.8		partially chloritised, moderately altered granodiorite : 0.3m andesite dyke at 70.7-71.0 m.	3c						



DIAMOND DRILL RECORD

PROPERTY AMAI GOLD

HOLE No. 86-4

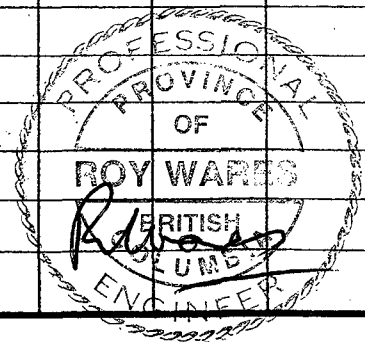
DIP TEST		
Angle		
Footage	Reading	Corrected

Hole No. 86-4 Sheet No. 2 of 2 Lat. _____
 Section _____ Dep. _____
 Date Begun _____ Bearing _____
 Date Finished _____ Elev. Collar _____
 Date Logged _____

Total Depth 89.30m
 Logged By R. Wares
 Claim Amai Gold
 Core Size BDQ

ASSAYS

DEPTH		RECOV.	DESCRIPTION	#	SAMPLE No.	FROM	TO	WIDTH	Au OZS/T	Ag OZS/T
FROM	TO									
75.8	77.2		fine grained, partly silicified section, contacts diffuse	3d	23	76.16	78.56	2.40	0.009	0.02
77.2	78.56		dacite dyke	5a						
78.56	79.60		quartz vein, with thin (0.2mm) pyrite stringers.	6a	24	78.56	79.60	1.04	0.117	0.02
79.60	82.0		fine grained silicified section	3d	25	79.60	82.00	2.40	0.005	0.02
82.0	84.2		fine to medium grained altered granodiorite, with some textural modification, variable epidotisation, and pervasive chloritisation.	33c	25a	82.00	84.30	2.30	0.002	0.02
84.2	87.8		quartz-hornblende diorite, with blocky joints @ 50 to CA, chlorite slips @ 60 to CA	3b						
87.8	89.30		quartz diorite, weakly altered with incipient hematization of feldspars.							
			89.30 <u>END OF HOLE</u>							



DIAMOND DRILL RECORD

AMAI GOLD

PROPERTY _____

HOLE No. 86-5

DIP TEST		
		Angle
Footage	Reading	Corrected
0	-60	

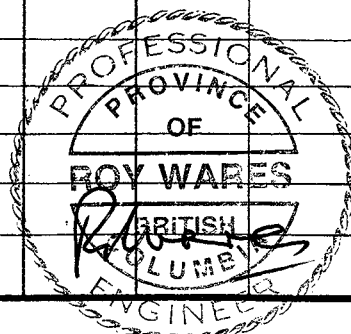
Hole No. 86-5 Sheet No. 1of1
 Section _____
 Date Begun July 8 1986
 Date Finished July 9 1986
 Date Logged May 20 1987

Lat. _____
 Dep. _____
 Bearing 320
 Elev. Collar 574m

Total Depth 85.34m
 Logged By R. Wares
 Claim Amai Gold
 Core Size BDQ

ASSAYS

DEPTH		RECOV.	DESCRIPTION	#	SAMPLE No.	FROM	TO	WIDTH	Au ozs/T	Ag ozs/T
FROM	TO									
0	3.04		Casing							
3.04	12.9		andesite dyke	4a						
12.9	14.7		medium altered granodiorite	3c						
14.7	17.0		andesite dyke	4a						
17.0	43.7		medium grained, equigranular, partially altered grano- diorite, blocky and broken at 28.3 -29.3m, and 40.5-43.7, , joints at 50 to CA,	3b	26	24.53	24.91	0.38	0.002	0.02
			as 17-43.7m		27	43.70	45.76	2.06	0.002	0.02
43.7	58.0		blocky and broken zone, with increased alteration	3b	28	57.77	61.30	3.53	0.002	0.02
58.0	61.6		grey, fine grained dacite dyke	5a						
61.6	62.3		granodiorite, weakly altered, with core becoming increas- ingly broken and blocky from 74m., some bleaching of section from 74 onwards	3b	29	61.30	61.70	0.40	0.002	0.02
			transition to more granulated, deformed unit ; core loss from 82.0-84.6m (core intersected old workings) core considerably broken and blocky		30	61.70	62.70	1.00	0.002	0.02
77.3	85.34				31	64.10	64.92	0.82	0.002	0.02
			85.34m END OF HOLE							



DIAMOND DRILL RECORD

PROPERTY AMAI GOLD

HOLE No. 86-6

DIP TEST		
		Angle
Footage	Reading	Corrected
0	-70	

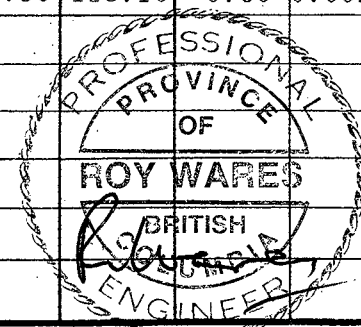
Hole No. 86-6 Sheet No. 1 of 1
 Section _____
 Date Begun July 9 1986
 Date Finished July 12 1986
 Date Logged May 20 1987

Lat. _____
 Dep. _____
 Bearing 320
 Elev. Collar 574m

Total Depth 139.29m
 Logged By R. Wares
 Claim Amai Gold
 Core Size BDQ

ASSAYS

DEPTH		RECOV.	DESCRIPTION	#	SAMPLE No.	FROM	TO	WIDTH	Au ozs/T	Ag ozs/T
FROM	TO									
0	3.60		Casing							
3.60	8.85		Andesite dyke	4a						
8.85	17.8		granodiorite, medium texture, medium alteration, with occasional epidotisation patches	3c						
17.8	34.94		andesite dyke, contact at 30 to CA	4a						
34.94	61.4		granodiorite, medium alteration aspect, with slightly increased alteration from 53.5 to 54.5, 30cm epidote replacement zone at 41.8m, at 35 to CA	3b,	32	53.70	54.60	0.90	0.002	0.02
61.4	64.2		dacite dyke ("felsite"), grey, aphanitic to fine grained with weak marginal banding at 35 to CA	5a	33	61.60	63.94	2.34	0.002	0.02
64.2	105.0		weakly altered granodiorite, with alteration diminishing from 81m onwards, broken zone from 74.6 - 77.1m	3b	35	74.68	76.59	1.91	0.020	0.02
105.0	123.5		transition into unaltered granodiorite/quartz diorite, with a deeper green/grey texture, sparsely porphyritic	3a	36	92.32	93.88	1.56	0.002	0.02
123.5	139.3		transition back into weakly altered phase of granodiorite ; no evidence of a vein zone.	3a	37	114.32	114.35	0.03	0.028	0.02
				3b	38	125.50	126.10	0.60	0.002	0.02
			139.29m END OF HOLE							

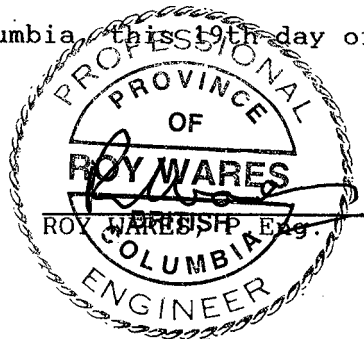


A:4 STATEMENT OF QUALIFICATIONS

I, ROY WARES, with a business address in the City of Vancouver, do hereby certify that :

- a) This report is based on an examination of maps and documents on the Murphy claims, and a field visit on 20 May 1987, to log drill core and check previous sample locations.
- b) I am a registered member, in good standing, of the Association of Professional Engineers of B.C.
- c) I have practised my profession for 23 years in B.C., Yukon, Ontario, U.S.A. and the U.K.
- d) I am a graduate of Aberdeen University with a B.Sc. (Hons) Geology and a Queen's University, Kingston, Ontario, with an M.Sc.
- e) To the best of my knowledge, all the information above and within this report, is factual, correct and true.

Dated at Vancouver, British Columbia, this 19th day of June 1987



A:5 References

Frantzen, J (1985), Geological Report on the Amai Inlet Property, private report for Cal Denver Resources Ltd.

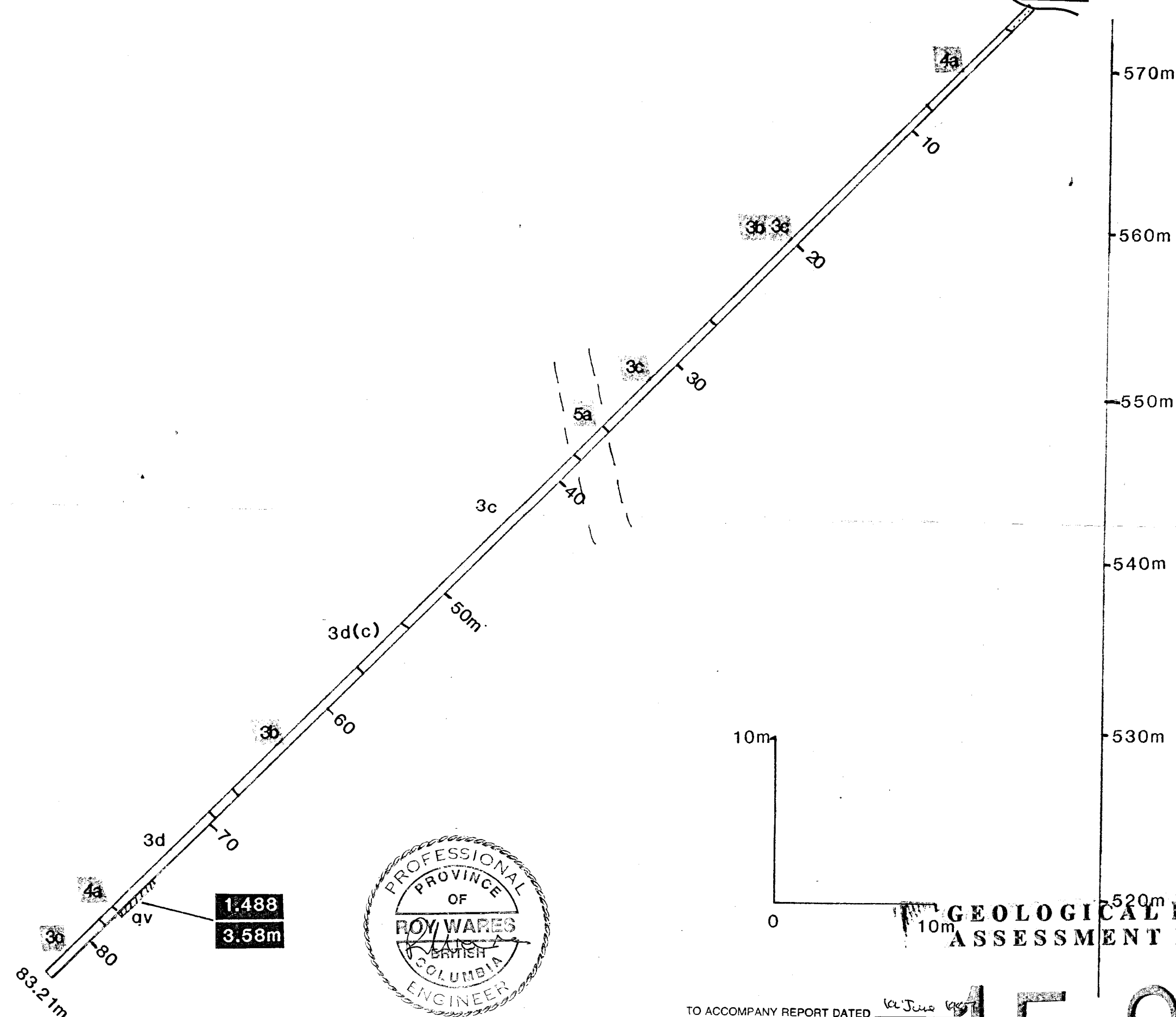
Poloni, J (1986), Report on the Amai Inlet Project, report for Thomson Gold Mines Ltd.

SW

227° section

NE

86-1(-45)



ASSAY DATA

HOLE # 86-1

#	FROM	TO	WIDTH	Au ozs/T	Ag ozs/T
1	36.43	38.06	1.63	0.004	0.02
2	39.51	40.34	0.83	0.012	0.02
3	53.23	53.89	0.66	0.002	0.02
4	53.89	55.33	1.44	0.004	0.02
5	55.33	56.80	1.47	0.002	0.02
6	75.20	75.39	0.19	0.002	0.02
7	75.55	75.60	0.05	0.057	0.02
9	77.60	78.03	0.43	11.936	3.29
10	78.03	78.87	0.34	0.468	0.22
11	78.37	79.13	0.76	0.016	0.02

LEGEND

- 3a granodiorite
- 3b weak alteration phase
- 3c moderate alteration phase } of 3a
- 3d high alteration phase
- 4a andesite dyke
- 5a dacite dyke
- qv quartz vein
- 3d(c) cataclasite
- 0.412 ozs Au/T
- 0.57 width(m)

THOMSON GOLD CO. LTD

AMAI INLET PROJECT

DRILL SECTION, HOLE # 86-1

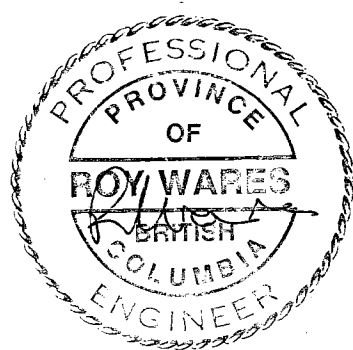
Date: June 1987 Drawn: RW

NTS: 92L/3E, 14E Fig. 4

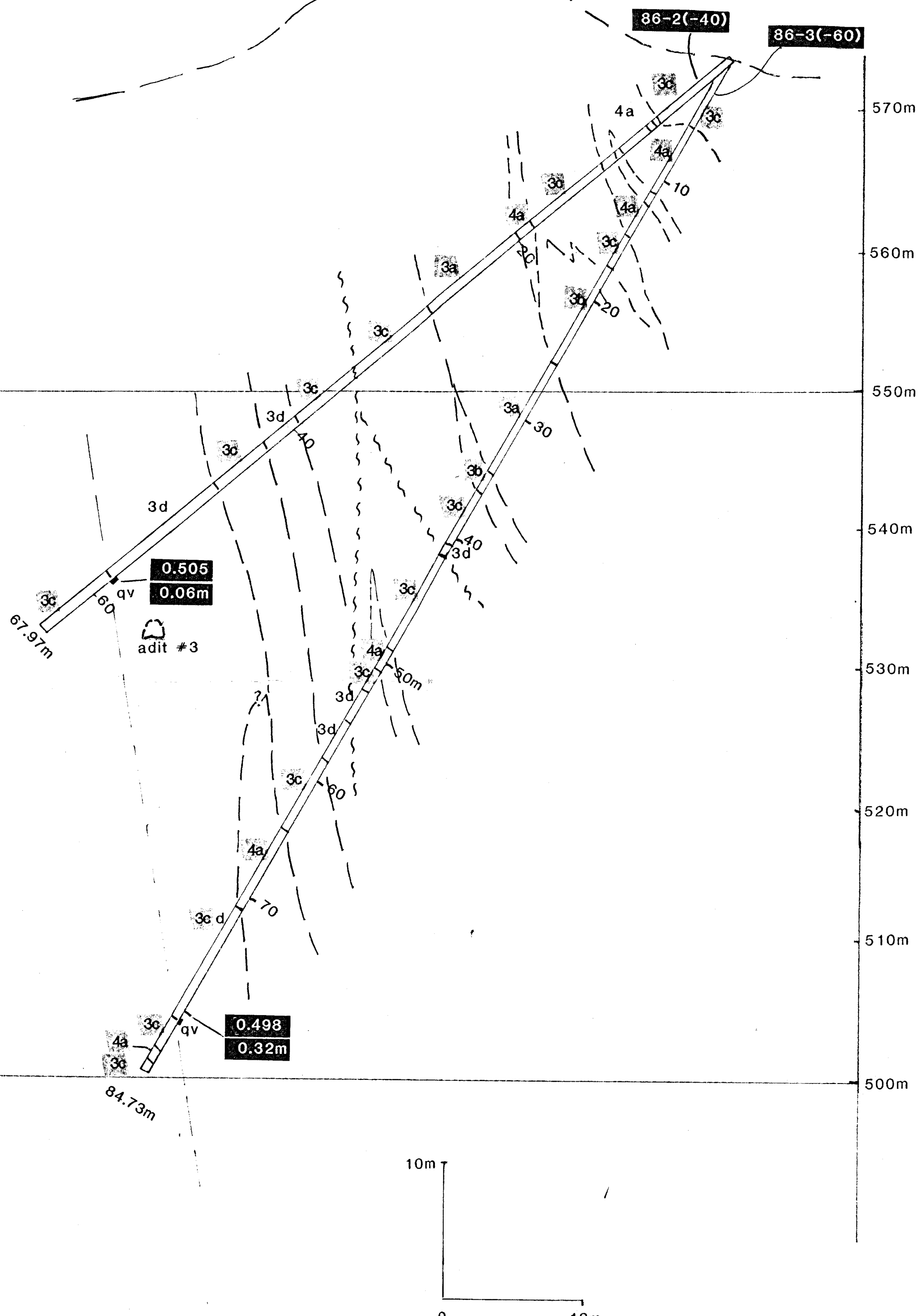
**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

TO ACCOMPANY REPORT DATED 16 June 1987
BY R. WARES, P. ENG.

15,903



W 255° section E



ASSAY DATA

HOLE # 86-2

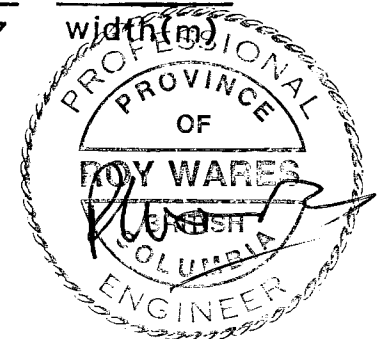
#	FROM	TO	WIDTH	Au ozs/T	Ag ozs/T
1a	43.33	45.72	2.39	0.002	0.02
1b	51.76	52.17	0.41	0.003	0.02
1c	53.00	53.73	0.73	0.004	0.02
1d	58.77	58.83	0.06	0.505	0.04

HOLE # 86-3

15	48.95	50.31	1.36	0.002	0.02
16	52.11	55.07	2.96	0.002	0.02
17	66.05	66.70	0.65	0.002	0.02
18	79.27	80.21	0.94	0.013	0.02
19	80.21	80.53	0.32	0.498	0.55
20	80.53	81.20	0.67	0.040	0.02

LEGEND

- 3a granodiorite
 - 3b weak alteration phase
 - 3c moderate alteration phase } of 3a
 - 3d high alteration phase
 - 4a andesite dyke
 - 5a dacite dyke
 - qv quartz vein
 - 3d(c) cataclasite
- 0.412 ozs Au/T
0.57 width(m)



THOMSON GOLD CO. LTD	
AMAI INLET PROJECT	
DRILL SECTION, HOLES # 86-2, 3	
Date: June 1987	Drawn: RW
NTS: 92L/3E, 14E	Fig. 5

TO ACCOMPANY REPORT DATED 14 June 1987
BY R. WARES, P. ENG.

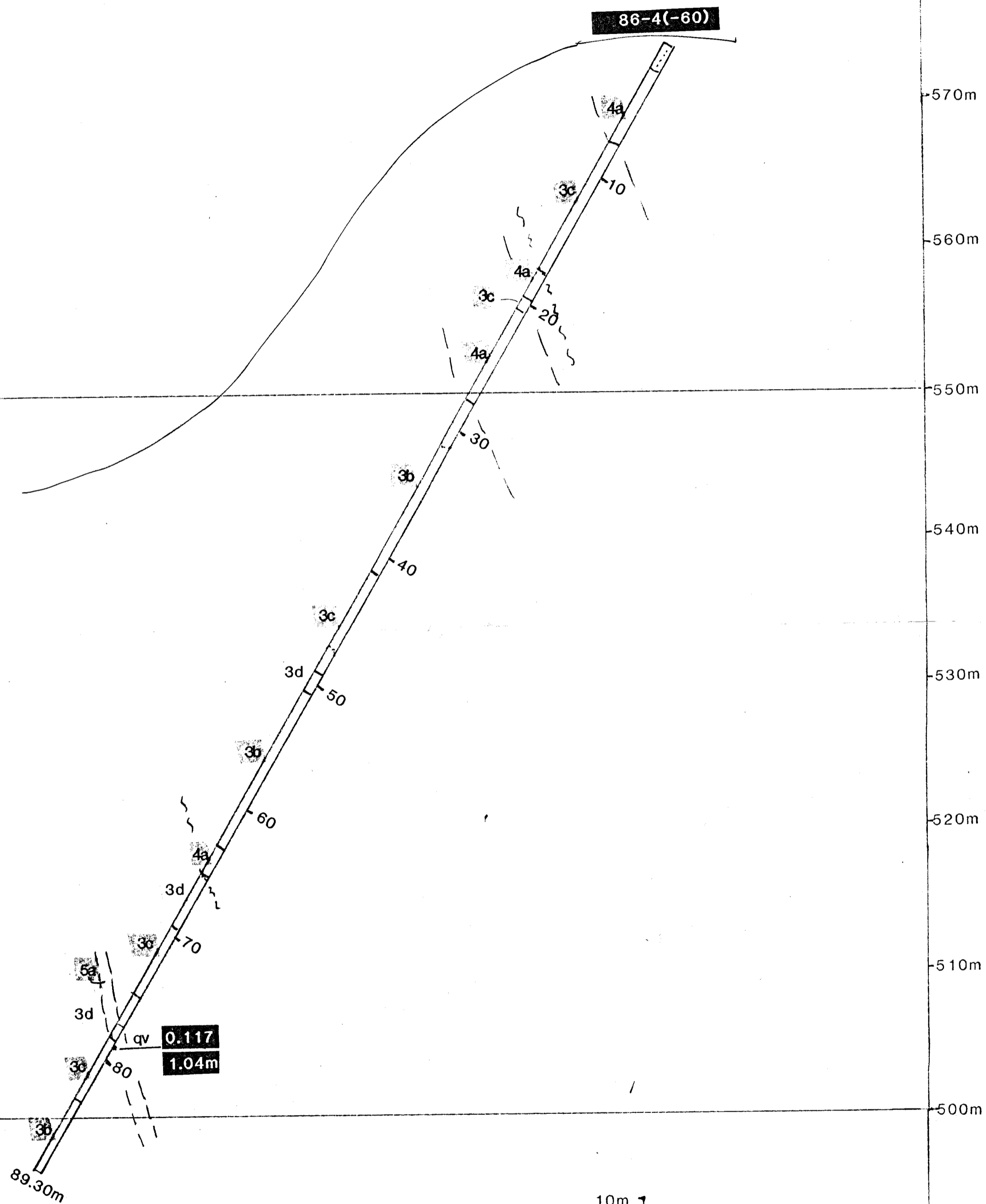
15,903

GEOLOGICAL BRANCH
ASSESSMENT REPORT

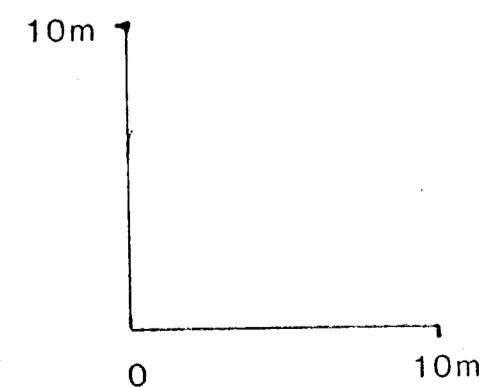
W

285 section

E



TO ACCOMPANY REPORT DATED
BY R. WARES, P. ENG.



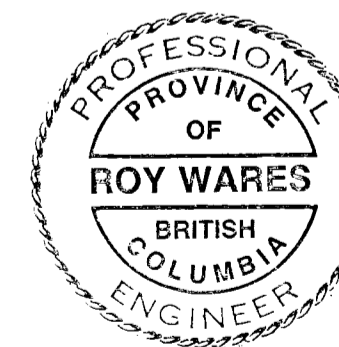
ASSAY DATA

HOLE # 86-4

#	FROM	TO	WIDTH	Au ozs/T	Ag ozs/T
21	49.28	52.08	2.80	0.003	0.02
22	66.07	66.50	0.43	0.002	0.02
23	76.16	78.56	2.40	0.009	0.02
24	78.56	79.60	1.04	0.117	0.02
25	79.60	82.00	2.40	0.005	0.02

LEGEND

- 3a granodiorite
- 3b weak alteration phase
- 3c moderate alteration phase } of 3a
- 3d high alteration phase
- 4a andesite dyke
- 5a dacite dyke
- qv quartz vein
- 3d(c) cataclasite
- 0.412 ozs Au/T
- 0.57 width(m)



GEOLOGICAL BRANCH
ASSESSMENT REPORT

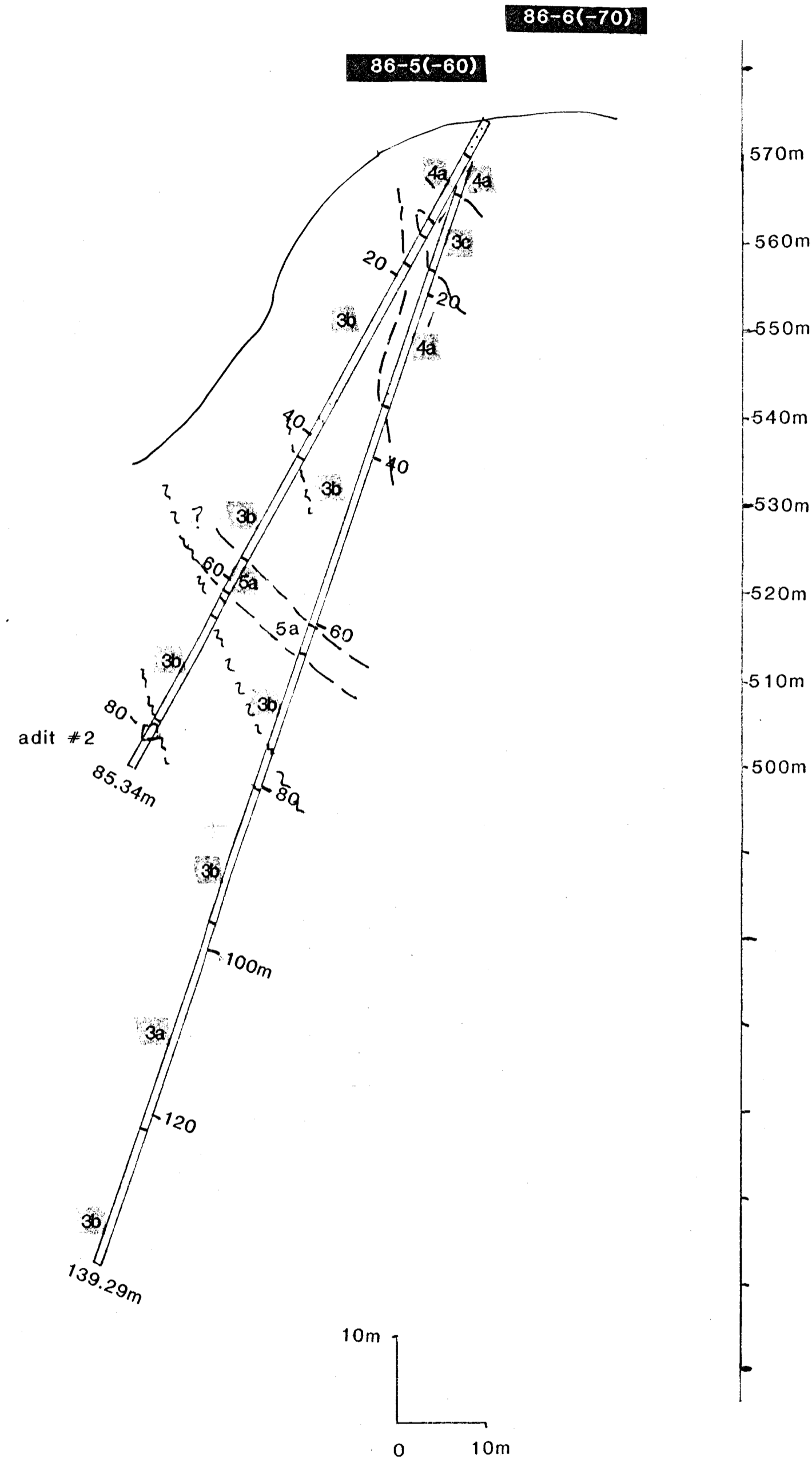
15,903

THOMSON GOLD CO. LTD	
AMAI INLET PROJECT	
DRILL SECTION # 86-4	
Date: June 1987	Drawn: RW
NTS: 92L/3E, 14E	Fig. 6

NW

320 section

SE



ASSAY DATA

HOLE # 86-5

#	from	TO	WIDTH	Au ozs/T	Ag ozs/T
26	24.53	24.91	0.38	0.002	0.02
27	43.70	45.76	2.06	0.002	0.02
28	57.77	61.30	3.53	0.002	0.02
29	61.30	61.70	0.40	0.002	0.02
30	61.70	62.70	1.00	0.002	0.02
31	64.10	64.92	0.82	0.002	0.02

HOLE # 86-6

#	from	TO	WIDTH	Au ozs/T	Ag ozs/T
32	53.70	54.60	0.90	0.002	0.02
33	61.60	63.94	2.34	0.002	0.02
35	74.68	76.59	1.91	0.020	0.02
36	92.32	93.88	1.56	0.002	0.02
37	114.32	114.35	0.03	0.028	0.02
38	125.50	126.10	0.60	0.002	0.02

LEGEND

- 3a granodiorite
- 3b weak alteration phase
- 3c moderate alteration phase } of 3a
- 3d high alteration phase }
- 4a andesite dyke
- 5a dacite dyke
- qv quartz vein
- 3d(c) cataclasite
- 0.412 ozs Au/T
- 0.57 width(m)



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,903

THOMSON GOLD CO. LTD

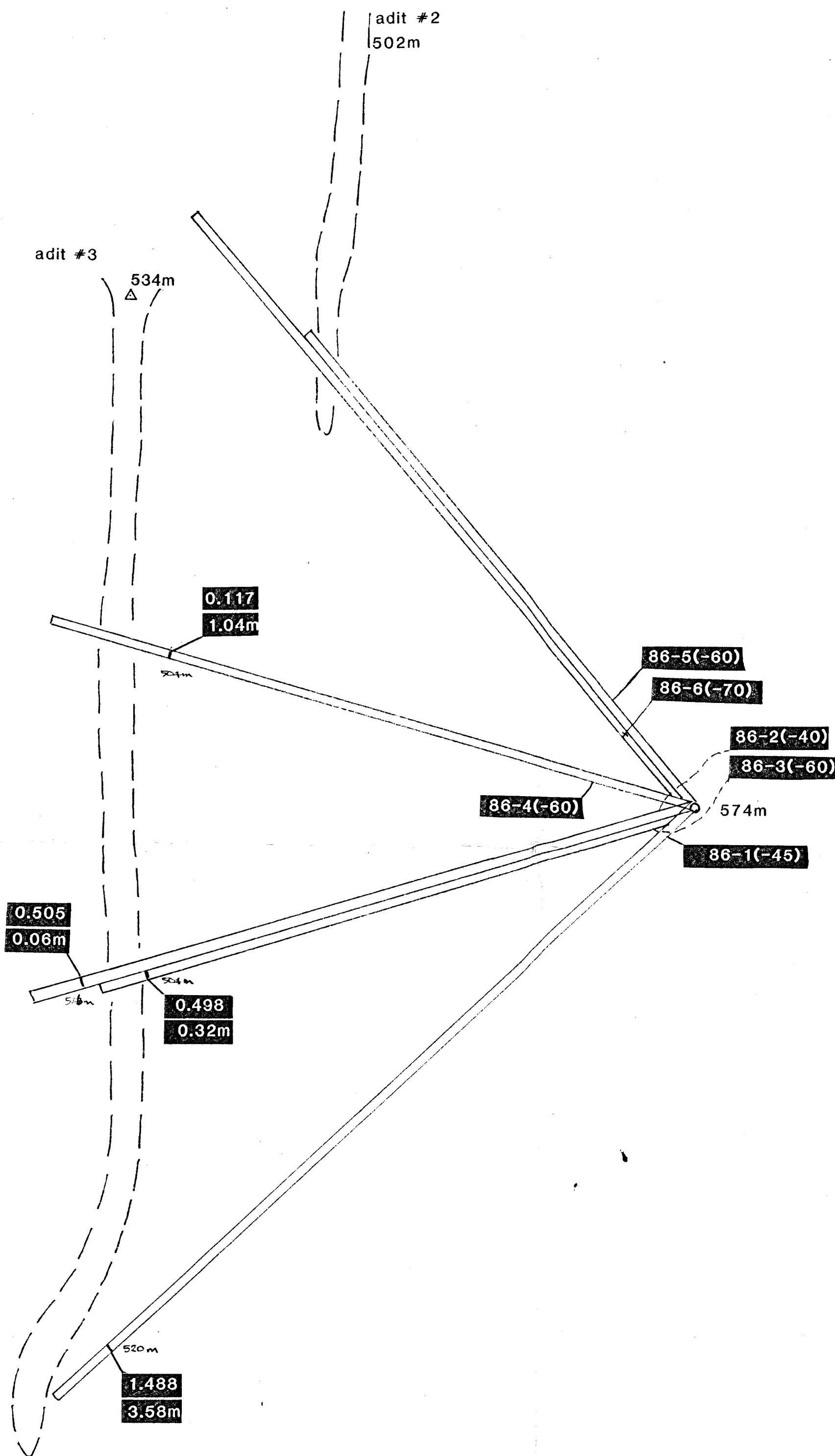
AMAI INLET PROJECT

DRILL SECTION, HOLES 86-5, 6

Date: June 1987 Drawn: RW

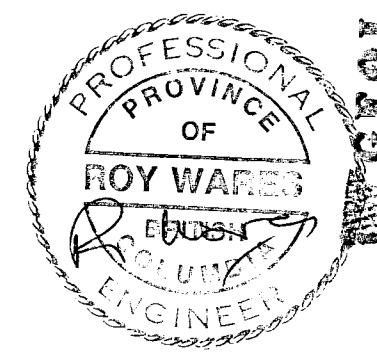
NTS: 92L/3E, 14E Fig. 7

TO ACCOMPANY REPORT DATED 14 June 1987
BY R. WARES, P. ENG.



LEGEND

- 3a granodiorite
- 3b weak alteration phase
- 3c moderate alteration phase } of 3a
- 3d high alteration phase
- 4a andesite dyke
- 5a dacite dyke
- qv quartz vein
- 3d(c) cataclasite
- 0.412 ozs Au/T
- 0.57 width(m)



GEOLOGICAL BRANCH ASSESSMENT REPORT

15,903

TO ACCOMPANY REPORT DATED 19 June 1987
BY R. WARES, P. ENG.

survey by J. Poloni P. Eng.

THOMSON GOLD CO. LTD	
AMAI INLET PROJECT	
DRILL HOLE PLAN	
Date: June 1987	Drawn: RW
NTS: 92L/3E, 14E	Fig. 8