

85-512-14339

ASAMERA INC.

DIAMOND DRILL PROGRAM

ON THE "HOT GRID"

ANTOINE LAKE AREA
CARIBOO MINING DIVISION

NTS 93 A/5

52° 25' N, 121° 35' W.

FILMED

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

14,339

L. Forand, B.Sc.
D.W. Hassell, B.Sc.
February 18, 1985

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Sections DDH 85-1 to DDH 85-5 (scale 1:500)	In pocket
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SUMMARY AND RECOMMENDATIONS

During the period of January 24 - February 5, 1985, Asamera Inc. conducted a small drill program on its Hot property near Antoine Lake. The Hot property comprises four claim blocks totalling approximately 3050 acres in the Cariboo Mining Division, approximately 60 kilometers northeast of Williams Lake in south-central B.C. The Argonaut and Hot #1 claim blocks were acquired in late 1983 through an outright cash purchase agreement subject to a 7.5% NPI. The two additional blocks Mary and Mary #2 were later acquired with no overriding royalties. There are no work commitments relating to the claims and in each case ownership is 100% Asamera.

The property is located within the Quesnel trough, a linear belt of Upper Triassic and Lower Jurassic basic volcanics and sediments intruded by later alkaline plutons. The occurrences in the area are typically gold-rich copper deposits derived from a metal-rich, late hydrothermal stage associated with the intrusive activity.

An exploration program over the property in 1984, which included linecutting, mapping, geochemical sampling, mag, VLF and I.P., defined an area of interest which featured a cluster of gold and copper soil geochem anomalies that were coincident with three separate I.P. chargeability anomalies.

A total of five drill holes were completed, testing these targets, amounting to 679.43 meters of drilling.

Results of the drilling indicated sufficient percentages of disseminated sulphide to produce the weak I.P. anomalies however, all analyses proved to be barren of gold mineralization and propylitic alteration was only weakly developed.

The drilling adequately tested the defined targets but has also indicated the gold mineralization potential of the property to be low and no additional work is recommended at the present time.

INTRODUCTION

Results of diamond drilling done on the Hot property between January 24 and February 5, 1985, are presented in this report. The drill program was designed to test the gold mineralization potential of three parallel, chargeability anomalies originally defined by two I.P. surveys done on the grid in 1984. A total of five holes amounting to 679.43 meters of drilling was completed.

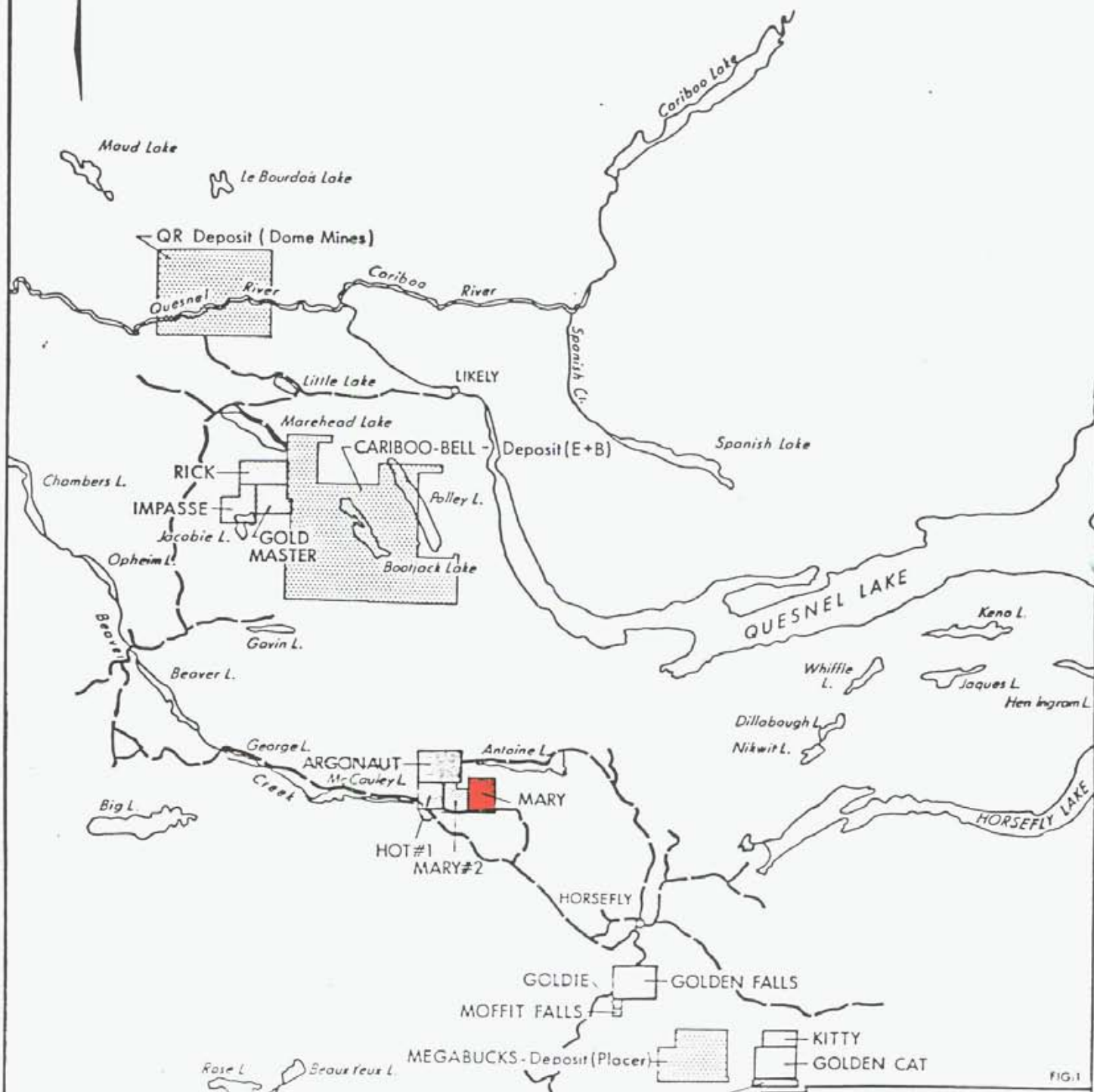
PROPERTY AND OWNERSHIP

The Hot property comprises four claim blocks totalling approximately 3050 acres. The Argonaut and Hot #1 claim blocks were acquired in late 1983 through an outright cash purchase agreement subject to a 7.5% NPI. The two additional blocks Mary and Mary #2 were later acquired with no overriding royalties. There are no work commitments relating to the claims and in each case ownership is 100% Asamera. Property data is summarized in Table #1 below.

TABLE 1

<u>NAME</u>	<u>RECORD #</u>	<u>UNITS</u>	<u>EXPIRY DATE*</u>
Argonaut	5119(8)	20	Aug. 26/91
Hot #1	5111(8)	9	Aug. 26/91
Mary	5543(11)	12	Nov. 29/92
Mary #2	5575(12)	12	Dec. 9/92

* Anticipated expiry date when 1984 assessment work is approved.



LEGEND:

-  ASAMERA CLAIM BLOCKS
-  PROPERTIES CONTAINING SIGNIFICANT DEPOSITS
-  ROADS



FIG. 1

ASAMERA INC.
LOCATION MAP
CARIBOO - GOLD PROJECT
QUESNEL LAKE, B.C.
NTS-93A/5,6,12

LOCATION AND ACCESS

The property is situated in the Cariboo Mining Division approximately 60 km northeast of Williams Lake in south-central B.C.

Good access to the claims is provided by a network of logging roads leading from the Beaver Valley Road, a well maintained secondary road (gravel) between the small villages of Horsefly and Likely. (see opposite page)

EXPLORATION HISTORY

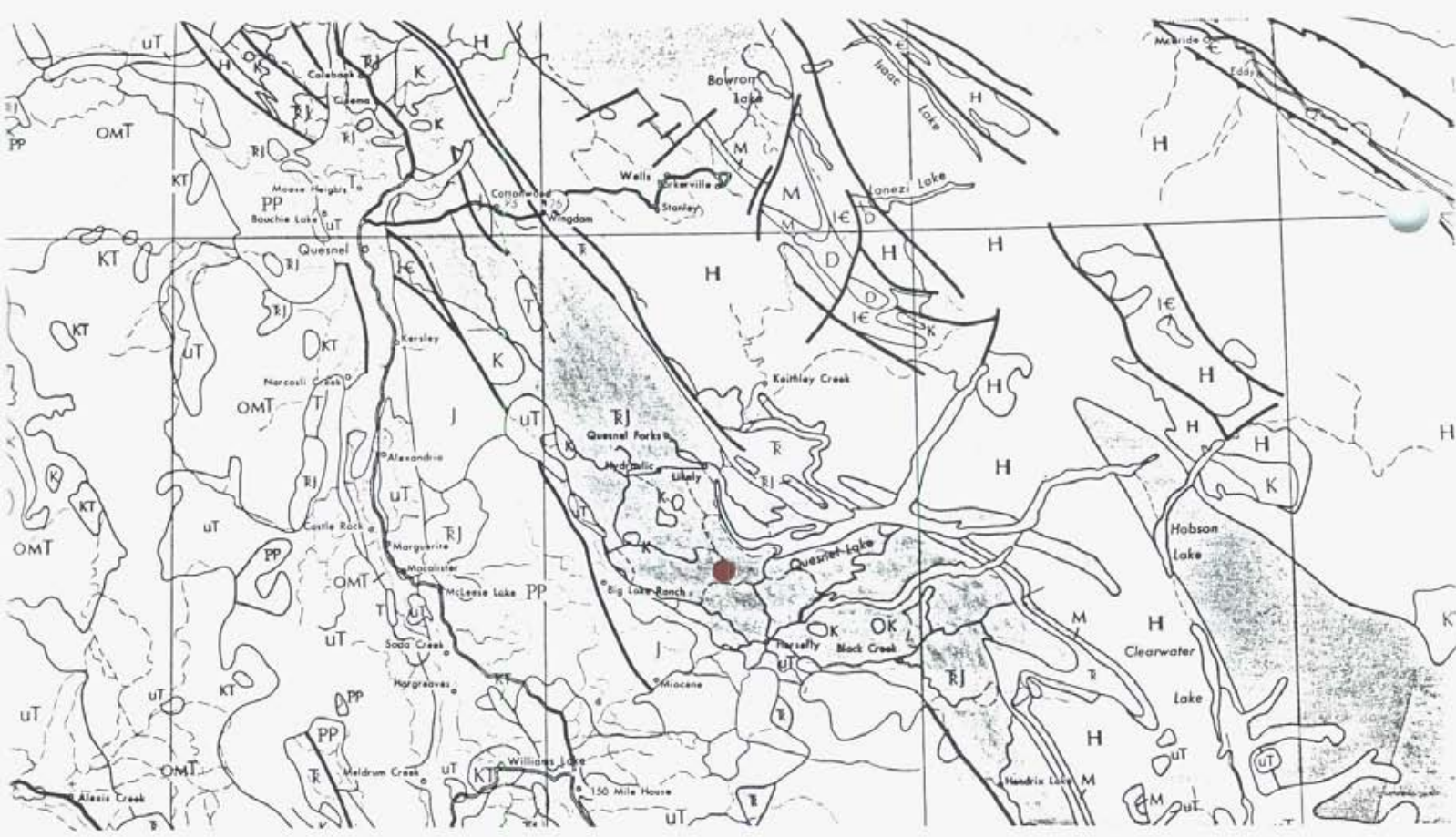
Although the copper showings in this historic gold placer mining area probably were known locally for decades, no record exists of their exploration before 1964 when Mastodon-Highland Bell Mines Limited, jointly with Leitch Gold Mines Limited, discovered copper oxides at the site of a prominent aeromagnetic anomaly indicated by newly published federal-provincial surveys.

Results of initial work led to the formation of a new company, Cariboo-Bell Copper Mines Limited, which began drilling in 1966 and was joined subsequently by a consortium of Japanese companies that later withdrew on recognition of metallurgical difficulties resulting from the degree of oxidation of the deposit. In 1969, Teck Corporation acquired control of Cariboo-Bell Copper Mines Limited. E & B began work on the claims in 1981 and acquired control of the property in 1982. Total drilling on the property amounts to 120,940 feet including 77,662 feet of diamond drilling.

Several other gold deposits in the area were originally tested for their porphyry copper potential. These include the Megabucks and Takom deposits which were staked as copper showings by Exploram in 1971. An initial program of reconnaissance I.P. and magnetic surveys, soil and rock sampling and diamond drilling outlined the two zones mentioned above which have been tested by Placer Development Ltd.

In addition to the above, early in 1983 Dome announced they had defined one million tons grading 0.2 ounces per ton gold on their QR deposit and that they were embarking on a major drill program. Although the results of the drilling are not yet public, Dome's initial success prompted an extensive staking rush in the area during the last half of 1983 and at least one other significant find (Eureka) was made.

The Hot property comprising four claim blocks was acquired in late 1983. A multi-phase program designed to assess the overall property potential was conducted in 1984. This included establishing a grid (58 line km), geological mapping, geochemical sampling and geophysics - mag, VLF and I.P. The results of that work produced one area of interest which featured three parallel I.P. chargeability anomalies which were coincident with a cluster of anomalous gold and copper soil geochemical samples.



LEGEND

● ASAMERA CLAIM BLOCK

SEDIMENTARY ROCKS

MAINLY SHALE, SANDSTONE, SILTSTONE, CONGLOMERATE

VOLCANIC ROCKS

MAINLY LIMESTONE, DOLOMITE, MAINLY ANDESITE, BASALT, RHYOLITE

INTRUSIVE ROCKS

MAINLY GRANITE, GRANODIORITE, DIORITE

TIME (MILLION YEARS)

1.0

22.5

65

143

205

245

385

575

1000

1700

CENOZOIC

QUATERNARY

PLEISTOCENE AND RECENT (GLACIAL DEPOSITS, DRIFT)

UPPER TERTIARY AND QUATERNARY

MIOCENE AND LATER (PLATEAU BASALTS, UNDEFORMED VOLCANIC PILES)

TERTIARY

LOWER TERTIARY

PALEOCENE TO OLILOCENE (T₁ - INCLUDES SOME MIOCENE)

MESOZOIC

CRETACEOUS (K, KT - INCLUDES SOME TERTIARY)

JURASSIC (J, JK - INCLUDES SOME CRETACEOUS)

TRIASSIC (T, TJ - INCLUDES SOME JURASSIC)

UPPER PALEOZOIC

MIDDLE DEVONIAN TO PERMIAN (U, U₁, U₂, U₃, U₄, U₅, U₆, U₇, U₈, U₉, U₁₀, U₁₁, U₁₂, U₁₃, U₁₄, U₁₅, U₁₆, U₁₇, U₁₈, U₁₉, U₂₀, U₂₁, U₂₂, U₂₃, U₂₄, U₂₅, U₂₆, U₂₇, U₂₈, U₂₉, U₃₀)

LOWER PALEOZOIC

CAMBRIAN TO LOWER DEVONIAN (P, PE, E, ED, EC, O, S, SD, D)

PROTEROZOIC

HADRYNIAN (WINDERMERE) (H, HC - INCLUDES SOME CAMBRIAN), (HD - INCLUDES SOME DEVONIAN)

HELIKIAN (IBEL - PURCELL)

Q

uT

T

K, KT

J, JK

T, TJ

U, U₁ - U₃₀

P, PE, E, ED, EC, O, S, SD, D

H, HC, HD

IB, IBEL, IBELP, IBELC, IBELD, IBELF, IBELG, IBELH, IBELI, IBELJ, IBELK, IBELL, IBELM, IBELN, IBELO, IBELP, IBELQ, IBELR, IBELS, IBELT, IBELU, IBELV, IBELW, IBELX, IBELY, IBELZ

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UNDIFFERENTIATED METAMORPHIC ROCKS

U

GEOLOGIC AGE SYMBOLS

Q	QUATERNARY	P	PENNSYLVANIAN	P	PALEOZOIC
O	OLIGOCENE	M	MISSISSIPPIAN	T	PROTEROZOIC
T	TERTIARY	D	DEVONIAN	S	SILURIAN
K	CRETACEOUS	O	ORDOVICIAN	C	CAMBRIAN
J	JURASSIC	H	HADRYNIAN	IB	IBELIAN
T	TRIASSIC	IB	IBELIAN	IB	IBELIAN
P	PERMIAN	IB	IBELIAN	IB	IBELIAN
C	CARBONIFEROUS	IB	IBELIAN	IB	IBELIAN

NOTE: IB 3 means upper PALEOZOIC to TRIASSIC inclusive

SYMBOLS

HIGHWAYS	ARTERIAL AND SECONDARY	
	LOCAL	
	FERRY ROUTE AND DISTANCE	
	HOSPITAL	
	FAULTS	NORMAL
		THRUST
	GEOLOGICAL CONTACT	
	DISTANCE IN KILOMETRES	

REGIONAL GEOLOGY MAP

TOPOGRAPHY

The property is characterized by gently sculptured topography. Moderate outcrop knobs and ridges (10 - 20 meters relief) were found in the southeast portion of the grid but in general bedrock exposure is very rare with glaciofluvial deposits as tills, sand and boulders covering most of the property. Moderate, mature forest cover was encountered across much of the grid with some thick secondary growth on old logged sections seen on eastern portions of the claim blocks.

REGIONAL GEOLOGY

The Hot claim group is located within the Quesnel trough, a linear belt of Upper Triassic and Lower Jurassic basic volcanics and sediments extending 2000 km from the U.S. border to the Stikine River (see opposite page). The volcanic lithofacies consist of calc-alkaline and alkaline basalts and andesites. These lavas are subaqueous fissure eruptions associated with regional faults. At a late stage in the volcanic cycle large, sub-aerial volcanic centers developed. These features consisted largely of pyroclastic and epiclastic rocks, complex intrusive breccias, and small plutons or necks of diorite, monzonite and syenite. These plutons are intrusive into the overlying volcanic material which is, in part, of common parentage. Commonly associated with these plutons is a late fumarolic or hydrothermal stage in which large volumes of volcanic rocks are extensively altered to albite, K-feldspar, biotite, chlorite, epidote and various sulphides. The late metasomatic period involves the introduction of volatiles and various metals into the vent areas and is a typical and important feature of the final stages of the volcanic cycle. The Copper Mountain, Afton, Cariboo Bell, Quesnel River (QR) deposits and many other prospects are directly associated with this late fumarolic stage.

PROPERTY GEOLOGY

Interpretation of any detailed geology is severely restricted by the lack of bedrock exposure encountered over most of the grid.

The property appears to be underlain by a complex sequence of basaltic flows, flow breccias, tuff breccias, and coarse bedded volcanoclastics intercalated with finer grained lithic wackes to siltstones. Ground magnetometer and VLF surveys suggest a northerly strike direction roughly paralleling the regional trend of the trough.

The rocks seen throughout the property were essentially fresh and unaltered. Several bedding strike and dip measurements were recorded but no folding or faulting could be interpreted due to the paucity of outcrops. Regionally though, work done on the sedimentary rocks in the immediate area have shown them to have quaquaversal dips suggesting them to be reworked water deposited equivalents of tuffs and pyroclastics. Several minor intrusive dykes and/or sills were mapped cutting through the volcanics but none proved to be mineralized or conductive nor showed any magnetic expression.

WORK PROGRAM

The 1985 drill project consisted of 679.43 meters of diamond drilling between January 24, 1985 and February 5, 1985. Drilling work was contracted to D.W. Coates Enterprises Limited, Richmond B.C. The program comprised five holes DDH 85-1 to 85-5 inclusive. NQWL core was recovered, logged and 76 one meter samples split and sent for gold analysis.

All holes were drilled due east at -50° except DDH 85-5 which was drilled due west at -50° .

Core sample splits were assayed for gold by Loring Laboratories Limited, in Calgary. The remaining unsampled core is stored on the property at 85-5 drill hole. Collar locations and hole lengths are given in Table II below, along with a brief summary of each hole. Complete drill logs are appended.

TABLE II

<u>HOLE #</u>	<u>GRID COORDINATES</u>		<u>Az.</u>	<u>DIP</u>	<u>LENGTH (meters)</u>
	<u>NORTH</u>	<u>EAST</u>			
85 - 1	0 + 00	21 + 30 E	090	-50	205.75
85 - 2	1 + 00 S	20 + 70 E	090	-50	101.2
85 - 3	2 + 00 S	18 + 75 E	090	-50	150.27
85 - 4	1 + 00 S	22 + 55 E	090	-50	102.11
85 - 5	0 + 00	20 + 85 E	270	-50	120.1

85 - 1

Drill hole 85-1 was collared at grid coordinates 0 + 00, 21 + 30 east and drilled due east -50° to test anomaly A. Mixed calcareous siltstone and tuff were cored from surface to 47.05; fine to medium grained calcareous lithic wacke to 137.15; analcite rich felsic tuff to 142.95; calcareous siltstone to 180.9 and to the end of the hole a mixed sequence of carbonate rich auto brecciated basalt, silstone and lapilli tuff.

85 - 2

Drill hole 85-2 was collared at grid coordinates 1 + 00 south, 20 + 70 east and drilled due east -50° to test anomaly B. A weakly altered sequence of tuffaceous sediments was cut from surface to 39.4; unaltered felsic dyke to 59.4; then alternating fine and medium grained lithic wacke to the end of the hole. Intervals of felsic dyke were also seen between 63.1 - 71.4, 81.5 - 88.6 and 101.5 - 102.1.

85 - 3





Drill hole 85-3 was collared at 2 + 00 south, 18 + 75 east and drilled due east - 50° to test anomaly C. Very fine to medium grained bedded lithic wacke was cored from surface to 47.1; calcareous felsic tuff and tuff breccia to 104.5; calcareous basalt to 134.1 and calcareous basaltic tuff to the end of the hole at 150.27.

85 - 4

Drill hole 85-4 was collared at grid coordinates 1 + 00 south, 22 + 55 east and drill -50° east to test anomaly A where it is terminated by an interpreted north northeast fault structure.

An intensely fractured, fault zone?, was cored from surface to 17.0; calcareous felsic tuff to 48.2; calcareous lithic wacke until 83.4 where a major mylonite zone was intersected to 94.00. Analcite rich amygdaloidal basalt below this continued to the end of the hole at 102.11.

LEGEND:

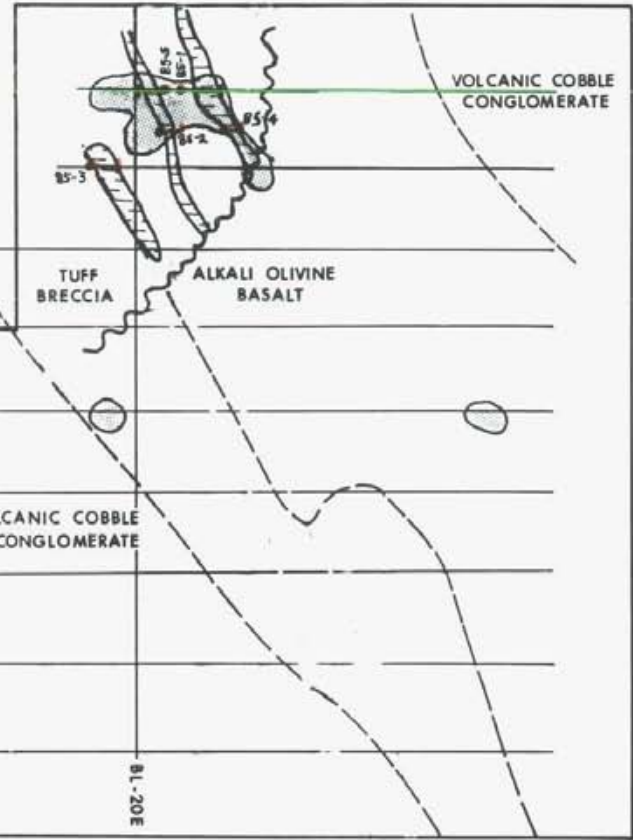
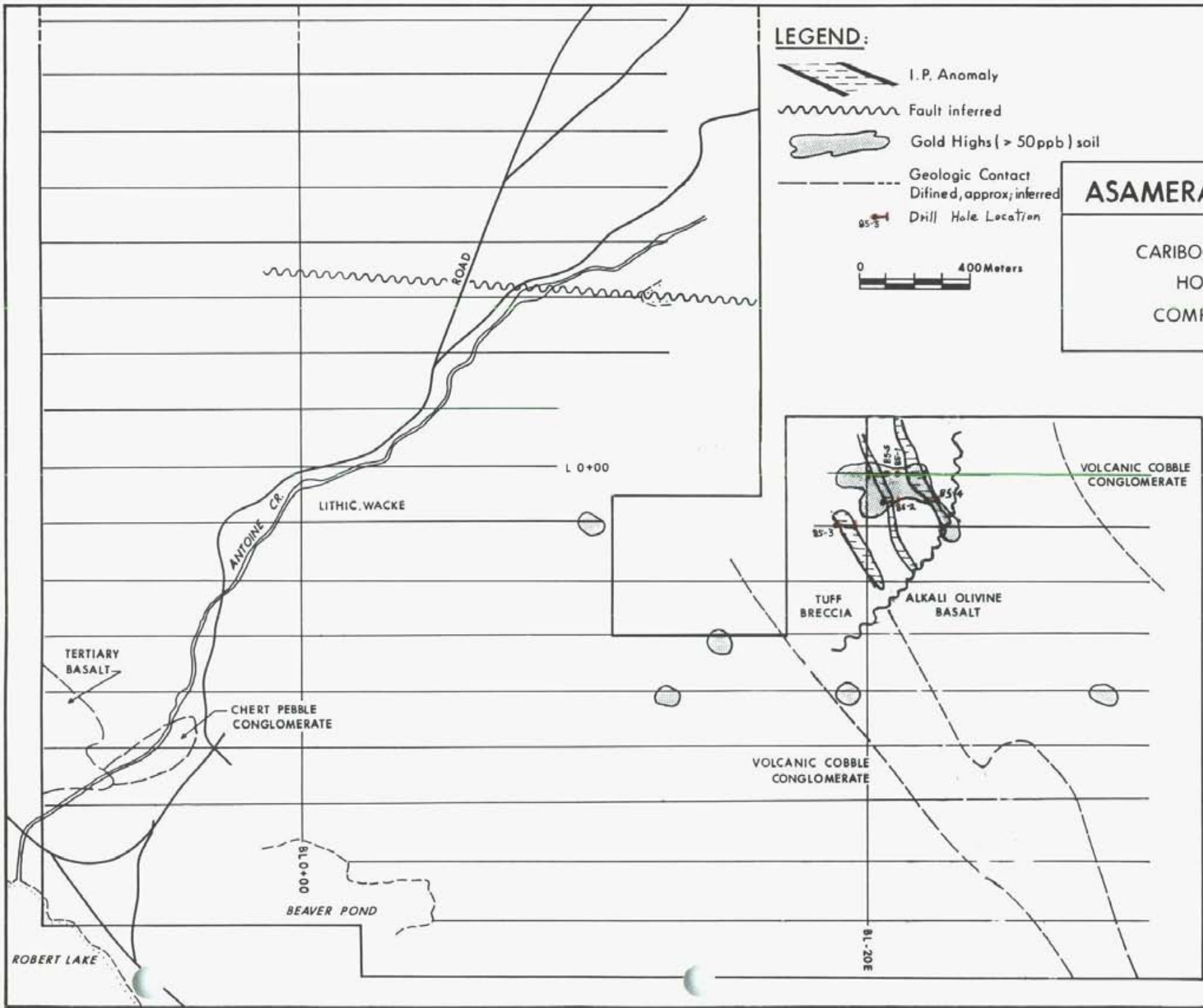
-  I.P. Anomaly
-  Fault inferred
-  Gold Highs (> 50ppb) soil
-  Geologic Contact
Difined, approx; inferred
-  Drill Hole Location



ASAMERA INC. 

CARIBOO PROJECT
HOT GRID
COMPILATION

October, 1984



85 - 5

Drill hole 85-5 was collared 100 meters north of DDH 85-2 at grid coordinates 0 + 00, 20 + 85 east and drilled -50 west. This hole was again designed to cut through anomaly B but was expected to intersect bedded sediments seen in DDH 85-2 at a steeper core angle. Calcareous felsic tuff was cored from surface to 17.6; then weakly altered lithic wacke and silstone, bedding 70° - 80° TCA to the end of the hole with only a minor intersection of felsic tuff seen between 46.6 - 51.9 meters.

CONCLUSIONS AND RECOMMENDATIONS

The drill program was designed to test three parallel I.P. chargeability anomalies for their gold mineralization potential. Sufficient percentages of finely disseminated pyrite were visibly intersected to confirm the I.P. interpretation, but results from the chemical analyses did not indicate any associated gold values. Additionally, propylitization was not intense, with moderate chloritization and carbonatization noted but little evidence of pervasive epidote alteration.

Although the drill core supported a valid I.P. anomaly, the barren gold assays in all holes and weakly developed propylitization, indicates the existing potential for a Q.R. type deposit to be considered low. It is therefore recommended that no additional follow-up work be undertaken at this time.



David W. Hassell

Lawson Forand

GEODATA SOURCES

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- Rebagliati, 1983, Megabuck a Synvolcanic Alkaline Intrusive Associated Gold Prospect
- Saleken, L.W., Simpson R.G. 1984, Cariboo-Quesnel Gold Belt: A Geological Overview.
- Watson, I.M. et al, 1983, The Report on the Slide Property, Slide Mountain Area, Cariboo Mining Division, B.C.

ASAMERA INC.
CARIBOO PROJECT - HOT GRID
Expenditure Statement
January 1 - February 28, 1985

Salaries	\$ 5,400.00
Travel and Transportation	1,541.46
Food and Accomodations	995.95
Assays	988.00
Drafting and Related Costs	8.51
Equipment Purchase	76.07
Expediting and Warehouse	131.40
Miscellaneous	86.31
Drilling and Related Costs	47,793.29
	<hr/>
Total Expenses	\$57,020.99

Date: July 16, 1985

Signature: _____

[Handwritten Signature]
V/P Finance

APPENDIX I

ANALYTICAL METHODOLOGY

Following is a brief description of the analytical methods employed for the analysis of the drill core submitted during 1985.

For the analysis of gold in the core, a 30 gram sample of pulverized material was weighed into a crucible with the proper litharge flux. The sample was then thoroughly mixed and fused to prepared a lead button. After cupelling the button, the dore bead obtained was dissolved in aqua regia and the gold finally extracted into MIBK. This MIBK layer was then analysed for gold by direct aspiration using atomic absorption spectrophotometry (AAS).

**Diamond
Drilling
Log**

Fill in on every page Hole No. DDH 85 -1 Page No. 1

Drilling Company D. W. Coates Enterprises Ltd.		Collar Elevation ~ 870m ASL	Bearing of hole from true North 090°	Total meters 205.75m	Dip of Hole at Collar Dip/Az 0° -50° E	Location of hole in relation to a fixed point on the claim. <i>Grid Coordinates</i> 0+00, 21+30 EAST	Map Reference No. NTS 93A/5	Claim No. 5543 (Mary)
Date Hole Started January 27 / 85	Date Completed January 29 / 85	Date Logged Jan. 28-29	Logged by L. Forand		200.0 m		Location (Twp., Lot, Con. or Lat. and Long.) Antoine Lake Area Cariboo Mining Division 52° 25'N, 121° 35'W	
Exploration Co., Owner or Optionee ASAMERA INC		Date Submitted	Submitted by (Signature)		m		Property Name "HOT"	

Interval (m)		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen (m) †	Your Sample No.	Sample (m)		Sample Length	Assays †	
From	To						From	To		Au (ppb)	
0	9.1	Overburden									
0	12.5	Casing									
12.15	20.90	Siltstone	- light to medium grey, fine grained sandstone to siltstone. - grain size << 1mm, no discernible bedding, reacts slightly with HCl, not magnetic. - Generally competent, fracturing moderate, usually carbonate healed. - abundant carbonate veinlets, veins (calcite / feldspar) < 1 - 10mm cutting core @ various angles 0 - 80° TCA.			2631	16.8	17.5	0.7m	Nil	
20.90	24.00	Basaltic tuff	Medium grey green, medium grained clasts generally angular to sub-angular, slightly welded? - white plagioclase ? laths ≤ 1.5mm common ≤ 10%. - fine disseminated pyrite x/s ≤ 1mm up to 1%. - irregular stringers, veinlets carbonate still common but less abundant ≤ 3%. - contact gradational ? @ 24.00m.			2630	22.86	23.83	1m	Nil	
24.00	30.5	Augite ? crystal tuff	Medium grey slightly green, coarser grained. - green epidote ? altered augite ? abundant up to 10%, generally ≤ 2mm sub-angular in a finer grained tuffaceous matrix. - also darker green chloritic ? altered angular clasts ≤ 2mm fiamme ? - carbonate veining as in above unit pyrite as x/s ≤ 1mm but less than 1%.								

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulations.

**Diamond
Drilling
Log**

Fill in on every page Hole No.
DDH 85-1 Page No.
2

Drilling Company		Collar Elevation	Bearing of hole from true North	Total meters	Dip of Hole at Collar	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.	
Date Hole Started	Date Completed	Date Logged	Logged by		m		Location (Twp., Lot, Con. or Lat. and Long.)	Property Name	
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)		m				
					m				

Interval (m)		Rock Type	Description <small>Colour, grain size, texture, minerals, alteration, etc.</small>	Planar Feature Angle *	Core Specimen (m) †	Your Sample No.	Sample (m)		Sample Length	Assays †	
From	To						From	To		Au (ppb)	
30.5	35.05	Siltstone (v. fine grained lithic wacke)	Medium grey, fine grained, slightly chloritized no visible bedding. - abundant carbonate (some qtz) veinlets threaded throughout ≤10%. - fault gouge @ 31.5 & 33.5			2629	32.53	33.53	1m	Nil	
35.05	43.84	Felsic tuff	Slightly maroon grey, medium grained clasts ≤2mm, some up to 5mm sub-angular to sub-rounded. - trace pyrite x/s <<1mm. - abundant carbonate stringers and veinlets. various angles TCA. Also larger veins lined with quartz. Some clasts appear epidote altered with most abundant probably pink feldspars. - Contact @ 43.84 sharp but irregular.			2628	38.1	39.1	1m	Nil	
43.84	47.05	Basaltic Tuff	Medium grey, green medium grained, clasts sub-angular to sub-rounded, chloritized in a fine grained tuffaceous matrix. - few grains magnetite <<1mm, trace pyrite carbonate veinlets as above. - Contact @ 47.05 sharp ⊥ TCA.			2627	46.24	47.24	1m	45	
47.05	62.18	Lithic wacke	Fine grained, massive, no visible bedding strongly magnetic. - trace very fine grained pyrite, qtz - carbonate veinlets still abundant ≤10%. - carbonate healed breccias @ 47.24 & 48.7m fault gouge @ 60.53m , large qtz - carbonate vein with gouge @ 61.0m ~ 65° TCA.			2626	60.0	61.0	1m	10	

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulations

**Diamond
Drilling
Log**

Fill in on
every page

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Drilling Company		Collar Elevation	Bearing of hole from true North	Total meters	Dip of Hole at Collar	Dip/Az °°	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
Date Hole Started	Date Completed	Date Logged	Logged by		m	*		Location (Twp., Lot, Con. or Lat. and Long.)	Property Name
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)		m	*			
					m	*			

Interval (m)		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Fracture Angle*	Core Specimen (m) †	Your Sample No.	Sample (m)		Sample Length	Assays ‡	
From	To						From	To		Au (ppb)	
62.18	66.7	Wacke	Same as unit above but becomes gradationally coarser grained. Pyrite slightly more abundant but still < 1%.			2638	65.23	66.23	1m	Nil	
66.7	97.0	very fine grained Tuffaceous wacke (Siltstone)	Very fine grained, medium grey, massive - no visible bedding. - Zones of intense carbonate veining @ 71m, 72.5m, 74.3 - 74.6m, 77.5m, 86.3m, 88.9m and 90.3m. - slightly magnetic, trace sulphides as very fine grained pyrite x/s. - generally competent, unaltered. - weakly developed bedding @ 94.7m Sub // TCA			2637	74.07	75.07	1m	Nil	
						2636	80.16	81.16	1m	Nil	
						2635	88.3	89.3	1m	3	
						2634	95.4	96.4	1m	7	
97.0	99.95	Lithic wacke	As above but coarser grained. Fault gouge 50° TCA @ 99.95			2632	106.29	107.29	1m	7	
99.95	137.15	Lithic wacke	Medium grey, fine grained, bedding better developed still sub // to 25° TCA - beds often displaced by tiny fracture faults healed by carbonate veins. - trace fine grained pyrite, minor fault gouge @ 101.1m, 128m 80° TCA abundant carbonate veining 106.9m and 107.7m. and carbonate healed breccia 117.8 - 118.1m. - well defined bedding 10° TCA @ 127m.			2633	99.95	100.95	1m	3	
						2644	117.19	118.19	1m	Nil	
						2643	125.49	126.49	1m	Nil	
						2642	137.69	138.69	1m	Nil	
						2641	141.73	142.95	1.22m	3	
						2640	140.73	141.73	1m	Nil	
						2639	154.45	155.45	1m	3	
137.15	139.2	Felsic tuff	Reddish pink medium grained, abundant pink analcite? phenocrysts ≤ 10%, angular ≤ 4mm. Unit becomes progressively bleached and by 139.2m tan buff in colour.								

* For features such as foliation, bedding, schistosity, measured from the long axis of the core

† Additional credit available. See Assessment Work Regulations

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Drilling
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Fill in on every page → Hole No. DDH 85-1 Page No. 4

Drilling Company		Collar Elevation	Bearing of hole from true North	Total meters	Dip of Hole at Dip/Az °	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.	
Date Hole Started	Date Completed	Date Logged	Logged by		Collar m		Location (Twp., Lot, Con. or Lat. and Long.)		
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)		m				
				m	m		Property Name		

Interval (m)		Rock Type	Description <small>Colour, grain size, texture, minerals, alteration, etc.</small>	Planar Feature Angle *	Core Specimen (m) †	Your Sample No.	Sample (m)		Sample Length	Assays ‡	
From	To						From	To		Au (ppb)	
139.2	142.95	Felsic tuff	Similar to unit above, bleached white buff in colour, abundant calcite veining up to 50%; 25% core loss.								
142.95	143.56		rubble - 50% core loss (as above).								
143.56	151.4	Siltstone	Medium grey, fine to very fine grained bedding vague, poorly defined usually ≤ 20° TCA. - few dark graphitic rich? beds better defined, after 148m bedding ~45° TCA.								
151.4	156.45	Siltstone	brecciated, cut by up to 25% carbonate veining and in places angular fragments floating in milky white carbonate matrix. - fault gouge @ 152.5m, 156.45m.								
156.45	167.5	Siltstone	Similar to above, bedding poorly developed. - fault gouge @ 163.8 ~ 40° TCA, colour changes to slightly red brown between 163.7 - 164.8.			2649	161.85	162.85	1m	7	
						2648	167.25	168.25	1m	3	
167.5	168.35	Fault zone ?	Medium red brown, soft altered, rubbly core abundant carbonate veining - waxy green chlorite ? along fractures.								
168.35	170.0	Lithic wacke	Medium grey, fine to medium grained sub-angular fragments usually <1mm. - carbonate veins still common ≤ 10% core broken rubbly @ 170m.								

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

‡ Additional credit available. See Assessment Work Regulations.

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Fill in on every page Hole No.
DDH 85-1 Page No.
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Drilling Company		Collar Elevation	Bearing of hole from true North	Total meters	Dip of Hole at Collar	Dip/Az °°	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
Date Hole Started	Date Completed	Date Logged	Logged by		m	Location (Twp., Lot, Con. or Lat. and Long.)		Property Name	
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)		m				
					m				

Interval (m)		Rock Type	Description <small>Colour, grain size, texture, minerals, alteration, etc.</small>	Planar Feature Angle*	Core Specimen (m) †	Your Sample No.	Sample (m)		Sample Length	Assays †	
From	To						From	To		Au (ppb)	
170.0	180.9	Siltstone	Medium grey, slightly green, fine grained, poorly developed bedding. Sub // to 15° TCA @ 170.3, 171.8 and 175m. - Calcite healed breccia 175.7 - 176.0 and fault gouge ~60° TCA @ 175.7m.			2647	175.87	176.87	1m	Nil	
180.9	182.0	Basalt dyke ?	Medium grey green, medium grained, augite phenocrysts ≤2mm in a fine grained matrix. - contact @ 182.0 ~65° TCA.								
182.0	190.3	Siltstone	Medium grey, slightly green, fine grained bedding only rarely developed. - some coarser grained tuffaceous intervals after 187.45m. - trace sulphides as very fine grained pyrite carbonate veins often 45° - 65° TCA. - breccia zone 182.8 - 183.8 with abundant calcite. - contact 190.3 sharp but irregular possibly 60° TCA. - small finger of basalt ? @ 189.1 - 189.3 looks like fault gouge. - fracturing intense between 177 - 186m.			2646	185.93	186.93	1m	3	
190.3	199.65	Basalt	Medium to dark green - appears auto brecciated in places. - hairlike carbonate stringers and veinlets common. - moderately magnetic.			2650 2645	190.5 193.55	191.5 194.55	1m 1m	3 Nil	
199.65	205.75	Basaltic tuff ?	Light grey, medium grained, abundant lapilli ? ≤2mm rounded, often zoned. - carbonate veinlets ≤ 20% up to 15mm, also minor quartz veining.								
	205.75		E. O. H.								

* For features such as foliation, bedding, schistosity, measured from the long axis of the core

† Additional credit available. See Assessment Work Report.

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Drilling
Log**

Fill in on every page Hole No.
DDH 85-2 Page No.
1

Drilling Company D. W. Coates Enterprises Ltd.		Collar Elevation ~870m ASL	Bearing of hole from true North 090°	Total meters 101.2	Dip of Hole at Collar Dip/Az 0° -50° E	Location of hole in relation to a fixed point on the claim. Grid Coordinates 1+00S, 20+70 E	Map Reference No. NTS 93A/5	Claim No. 5543 (Mary)
Date Hole Started January 30 / 85	Date Completed January 31 / 85	Date Logged Jan.31/85	Logged by L. Forand		100 m -58° E		Location (Twp., Lot, Con. or Lat. and Long.) Antoine Lake Area Cariboo Mining Division 52°25'N, 121°35'W	
Exploration Co., Owner or Optionee ASAMERA INC.		Date Submitted	Submitted by (Signature)		m	Property Name "Hot"		

Interval (m)		Rock Type	Description <small>Colour, grain size, texture, minerals, alteration, etc.</small>	Planar Feature Angle*	Core Specimen (m) †	Your Sample No.	Sample (m)		Sample Length	Assays †	
From	To						From	To		Au (ppb)	
0	6.1	Overburden	Casing 0 - 6.1m.								
6.1	8.8	Basalt (autobrecciated?)	Medium green-grey medium grained, brecciated clasts sub-rounded to sub-angular ≤ 5cm. Magnetic, few << 1mm grains magnetite. - moderately green chloritic ? altered. - carbonate veining becomes more abundant near contact. - contact @ 8.8m irregular but sharp, possibly ~ 50° TCA.								
8.8	13.8	Siltstone	Medium grey, very fine grained, bedding moderately well developed Sub ∥ to 20° TCA. - usually very fine grained << 1mm. - very fine carbonate veinlets usually ≤ 1mm. cutting core randomly - also minor quartz veining 1 - 3mm. Healed breccia 12.8 - 13.8m.								
13.8	18.1	Tuff breccia	Light grey, clasts, Sub-rounded to sub-angular, usually larger than core diameter. Compositional banding in some clasts probably represent relic bedding. Very fine grained pyrite stringers common but < 1%. - abundant carbonate - feldspathic veining ~45° TCA @ 18.1m.			2611	15.24	16.76	1.52	7	
						2612	16.76	17.76	1m	Nil	
18.1	27.6	Lithic wacke	Medium grey, slightly green, fine grained, bedding generally poorly defined, but where visible sub ∥ TCA. - Moderate carbonate veining usually 1 - 2mm core intensely fractured 22.56 - 25.3 - pyrite trace as very fine grained crystals << 1mm.			2610	19.66	20.73	1.07	Nil	
						2609	26.6	27.6	1m	3	

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulations.

**Diamond
Drilling
Log**

Drilling Company		Collar Elevation	Bearing of hole from true North	Total meters	Dip of Hole at Collar	Dip/Az ⁰ / _°	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
Date Hole Started	Date Completed	Date Logged	Logged by		m	°		Location (Twp., Lot, Con. or Lat. and Long.)	Property Name
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)		m	°			
					m	°			

Interval (m)		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen (m) †	Your Sample No.	Sample (m)		Sample Length	Assays ‡	
From	To						From	To		Au (ppb)	
27.6	30.0	Felsic Tuff ?	Medium grey - medium grained, similar to unit above but coarser grained, clasts sub-rounded to sub-angular ≤ 1mm. White to pink euhedral analcite ? phenocrysts common, 10 - 20% usually ≤ 4mm.								
30.0	39.4	Lithic wacke	Similar to Lithic wacke above, bedding generally very poorly defined sub // TCA. Pyrite up to 1% as crystals ≤ 1mm and also commonly smeared along fractures. Carbonate veining abundant with largest veins also carrying quartz. - Contact @ 39.4m. Sharp ~ 15° TCA.								
39.4	59.4	Felsic Dyke	Medium grey, medium grained usually ≤ 2mm. Lath - like dark grey-green actinolite ? common 10 - 15% 1 - 2mm and commonly aligned // TCA. - Pyrite seen as isolated crystals < 1mm trace amounts. Carbonate veinlets < 1mm common, cutting core randomly. - Moderate fracturing 41.2 - 42.2, 53 - 59m contact @ 59.4m. Sharp but irregular possibly ~ 70° TCA			2608	32.61	33.61	1m	Nil	
						2607	31.61	32.61	1m	3	
						2606	44.2	45.2	1m	Nil	
						2605	52.34	53.34	1m	Nil	
59.4	63.1	Lithic wacke	Similar to lithic wacke above, weakly defined bedding ≤ 20° TCA, abundant carbonate veining especially last .5m. Pyrite up to 1% as crystals ≤ 1mm and fine stringers, also trace of chalco pyrite as very fine blebs			2604	59.4	60.4	1m	3	
						2603	61.48	62.48	1m	Nil	

* For features such as foliation, bedding, schistosity, measured from the long axis of the core

‡ Additional credit available. See Assessment Work Book, page 5

**Diamond
Drilling
Log**

Fill in on every page → Hole No. DDH 85-2 Page No. 3

Drilling Company		Collar Elevation	Bearing of hole from true North	Total meters	Dip of Hole at Collar	Dip/Az ⁰	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.	
Date Hole Started	Date Completed	Date Logged	Logged by		m	*		Location (Twp., Lot, Con. or Lat. and Long.)		
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)		m	*				
					m	*			Property Name	

Interval (m)		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen (m) †	Your Sample No.	Sample (m)		Sample Length	Assays †	
From	To						From	To			
63.1	71.4	Felsic Dyke	Same as felsic dyke above - Moderate fracturing 70.7 - 71.0, contact @ 71.4 ~ 45° TCA.								
71.4	73.8	Siltstone	Similar to siltstone above - carbonate healed breccia @ 73.8m, weakly defined bedding 15° TCA @ 72.4m.								
73.8	75.3	Lithic wacke	Similar to wacke above.								
75.3	81.5	Siltstone	Similar to siltstone above, bedding well defined 20 - 30° TCA. Pyrite up to 5% ≤ 2mm - most abundant approaching lower contact @ 81.5m.			2602 2601	76.81 81.38	77.81 82.38	1m 1m	Nil Nil	
81.5	88.6	Felsic Dyke	Similar to dyke above. Intensely fractured 85.6 - 86.3, contacts @ 70° TCA.								
88.6	94.6	Lithic Wacke	Similar to Lithic wacke above but coarser grained clasts sub-angular, sub-rounded ≤ 5mm. - abundant carbonate feldspathic veining often 40° - 60° TCA.			2613	92.05	93.05	1m	3	
94.6	97.23	Fault-breccia zone	intensely fractured - core loss, clayey fault gouge.			2614	95.1	96.32	1.22m	Nil	
97.23	101.5	Cataclastic breccia ?	Medium grey, angular fragments > core diameter to < 10mm. - Carbonate veining usually < 5mm common. - Contact @ 101.5m ~ 50° TCA			2615	99.06	100.06	1m	7	

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulations.

**Diamond
Drilling
Log**

Fill in on every page Hole No.
DDH 85-3 Page No.
1

Drilling Company D. W. Coates Enterprises Ltd.		Collar Elevation ~ 870m ASL	Bearing of hole from true North 090°	Total meters 150.27m	Dip of Hole at collar Dip/Az 0° -50°E	Location of hole in relation to a fixed point on the claim. Grid Coordinates 2+00S, 18+75E	Map Reference No. NTS 93A/5	Claim No. 5543 (Mary)
Date Hole Started January 31 / 85	Date Completed February 2 / 85	Date Logged Feb 2/85	Logged by L. Forand		150 m -55°		Location (Twp., Lot, Con. or Lat. and Long.) Antoine Lake Area Cariboo Mining Division 52°25N, 121° 35'W	Property Name "HOT"
Exploration Co., Owner or Optionee ASAMERA INC.		Date Submitted	Submitted by (Signature)		m			

Interval (m)		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen (m) †	Your Sample No.	Sample (m.)		Sample Length	Assays †	
From	To						From	To		Au (ppb)	
0	9.19	Overburden	Casing 0 - 9.19								
9.19	10.2	Basaltic tuff ?	Medium grey-green, chlorite altered, clasts sub-angular, unsorted ≤ 3mm. - core generally broken, rubbly. - carbonate healed breccia @ 10.2m.								
10.2	23.62	Siltstone	Medium grey very fine to fine grained - grain size usually << 1mm, bedding often well defined 25° - 30° TCA. Carbonate veining ≤ 10%, ≤ 2mm. - moderately fractured 10.2 - 13.0m, fault gouge @ 23.3m, healed breccia from 12 - 13m. Qtz carbonate.								
23.62	32.0	Siltstone (brecciated)	Similar to unit above but with up to 20% carbonate as fine veinlets and matrix cementing angular fragments of siltstone. - generally intensely fractured often sub TCA.			2578 2577 2576	23.62 24.69 28.11	24.69 25.91 29.11	1.07m 1.22m 1m	10 7 Nil	
32.0	35.0	Lithic wacke	Light to medium grey, no visible bedding, trace very fine grained pyrite, carbonate veining < 5%.			2625	33.75	34.75	1m	3	
35.0	47.1	Siltstone	Similar to brecciated siltstone above with carbonate veining finer, < 1mm and less abundant < 10%. - fine grained pyrite < 1mm becoming 1 - 2% after 43m and ≤ 5% finely disseminated pyrite ≤ .5mm between 43 - 47m. - intensely fractured @ 39.77 and 41 - 41.75m.			2624 2623 2622 2621	42.67 43.67 44.67 45.72	43.63 44.67 45.72 46.72	.96m 1m 1.05m 1m	7 7 Nil Nil	

* For features such as foliation, bedding, schistosity, measured from the long axis of the core.

† Additional credit available. See Assessment Work Regulations.

**Diamond
Drilling
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Fill in on every page → Hole No. DDH 85-3 Page No. 2

Drilling Company		Collar Elevation	Bearing of hole from true North	Total meters	Dip of Hole at Collar	Dip/Az °	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.	
Date Hole Started	Date Completed	Date Logged	Logged by		m	Location (Twp., Lot, Con. or Lat. and Long.)		Property Name		
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)		m					
					m					

Interval (m)		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen (m) †	Your Sample No.	Sample (m)		Sample Length	Assays †	
From	To						From	To		Au (ppb)	
47.1	82.8	Felsic tuff	Light grey, medium grained, sub-angular to sub-rounded felsic clasts ≤ 1mm. Occasional large clast usually sub-rounded ≤ 30mm - generally competent, little fracturing except between 50.3 - 50.9, 58.9m, 68.3, 72.8 - 73.8, 66.4m bleached, intensely carbonatized 50.0 - 50.4 and 64.5m. Fine carbonate veining up to 10% from 72.0 - 73.8m. - Trace pyrite as very fine << 1mm grains. - contact @ 47.1m sharp ~25° TCA.								
						2620	53.34	54.34	1m	Nil	
						2619	73.8	74.8	1m	Nil	
82.8	84.2	Felsic tuff breccia	Similar to unit above but clasts up to 5cm composition has not changed and this is apparently a coarser interval with no sharp defineable contacts.								
84.2	94.2	Felsic tuff	Similar to felsic tuff above with clast size slightly coarser grained ≤ 2mm.								
94.2	95.0	Felsic tuff breccia	Tuff breccia as above, carbonate veining 5 - 10%.			2618	94.18	95.18	1m	7	
95.0	99.6	Felsic tuff	Similar to felsic tuff above.								
99.6	104.5	Felsic tuff	Similar to unit above but with abundant ≤ 25% white to pink-white euhedral analcite? phenocrysts.								
104.5	134.1	Basalt	Medium grey-green, medium grained with abundant 10 - 20% augite? phenocrysts ≤ 3mm. - unit appears auto brecciated, 111.2 - 111.5 - carbonate veining ≤ 10%. - fault gouge @ 111.2			2617	104.5	105.5	1m	7	
						2616	118.6	119.6	1m	7	

* For features such as foliation, bedding, schistosity, measured from the long axis of the core

† Additional credit available. See Assessment Work Report.

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Fill in on every page Hole No. DDH 85-3 Page No. 3

Drilling Company		Collar Elevation	Bearing of hole from true North	Total meters	Dip of Hole at Collar Dip/Az °	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.	
Date Hole Started	Date Completed	Date Logged	Logged by	m	*		Location (Twp., Lot, Con. or Lat. and Long.)		
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)	m	*				
				m	*				
								Property Name	

Interval (m)		Rock Type	Description <small>Colour, grain size, texture, minerals, alteration, etc.</small>	Planar Feature Angle *	Core Specimen (m) †	Your Sample No.	Sample (m)		Sample Length	Assays †	
From	To						From	To		Au (ppb)	
104.5	134.1	Basalt (con't)	Contact @ 104.5m ~ 70° TCA. Trace sulphide as pyrite grains << 1mm. - abundant fracturing ≤ 20° TCA between 120.4 - 125m. - carbonate healed breccia @ 124.6m.								
134.1	150.27	Basaltic tuff	Medium grey green sub angular clasts of basaltic composition ≤ 2cm. - Pyrite more abundant, often up to 1% as grains ≤ 1mm and fine disseminate stringers. - carbonate veining 20% from 1 - 20mm. - minor interval of felsic tuff with analcite phenocrysts @ 148 - 148.3. - tuff breccia interval 149.3 - 149.8 with contacts ~ 70° TCA.			2579	134.1	135.1	1m	7	
						2580	138.7	139.7	1m	10	
						2581	144.8	145.8	1m	10	
	150.27		E. O. H.								

* For features such as foliation, bedding, schistosity, measured from the long axis of the core. † Additional credit available. See Assessment Work Regulations.

**Diamond
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Fill in on every page Hole No. DDH 85-4 Page No. 1

Drilling Company D. W. Coates Enterprises Ltd.		Collar Elevation ~870m ASL	Bearing of hole from true North 090°	Total meters 102.11	Dip of Hole at Dip/Az Collar -50°	Location of hole in relation to a fixed point on the claim. Grid Coordinates 1+00S, 22+55 E	Map Reference No. NTS 93 A/5	Claim No. 5543 (Mary)
Date Hole Started February 2 / 85	Date Completed February 3 / 85	Date Logged Feb. 3/85	Logged by L. Forand		100 m -55°		Location (Twp., Lot, Con. or Lat. and Long.) Antoine Lake Area Cariboo Mining Division 52° 25'N, 121° 35'W	
Exploration Co., Owner or Optionee ASAMERA INC.		Date Submitted	Submitted by (Signature)		m	Property Name " Hot "		

Interval (m)		Rock Type	Description <small>Colour, grain size, texture, minerals, alteration, etc.</small>	Planar Feature Angle *	Core Specimen (m) †	Your Sample No.	Sample (m)		Sample Length	Assays †	
From	To						From	To		Au (ppb)	
0	12.2	Overburden	Casing 0 - 12.2m.								
12.2	17.0	Breccia-fault ?	Light grey-green - angular clasts in a fine grained mylonite? Matrix - core intensively fractured 12.2 - 12.8 and 15.8 - 17.0m. - fault gouge @ 14.3 and 17.0m.								
17.0	48.2	Felsic Tuff	Medium grey becoming maroon grey after 22.0 Medium grained with white to orange-white euhedral analcite ? ≤ 10% and usually 2-4mm. - Occasional angular to sub-rounded felsic clast .5 to 2cm floating in medium grained tuffaceous matrix. - Fine carbonate veining ≤ 5% and ≤ 2mm but becoming abundant > 25% from 31.85 - 35 and 39 - 40.9m. - intensely fractured @ 18 - 19.7, 20.9 - 22, 23.7 - 26.7, 30.7 - 32.5, 37.7 - 39.0. Carbonate healed breccia 39.9 - 40.5m. - Contact @ 48.2 sharp, ~ 65° TCA.			2592	32.5	33.5	1m	7	
48.2	81.7	Siltstone to Lithic wacke	Medium grey, fine to very fine grained, generally massive, bedding only weakly defined between 59.5 - 65.5 < 20° TCA. Grain size usually << 1mm but coarser intervals with clasts ≤ 1mm. Sulphides as very fine grained pyrite grains < 1% and occasionally as larger pods within carbonate veins. - intensely fractured, rubbly @ 51.36 - 51.97, 55.17 - 56.08, 58.9 - 59.4, 66.5 67.2m, 70.9 - 75.6, 76.4 - 77.6, 81 - 82m. Carbonate veinlets and veins common 5 - 10% from < 1mm - 15mm cutting core 0 - 90° TCA. - Core loss 75.6 - 77.6.			2591	48.2	49.2	1m	7	
						2590	51.97	53.34	1.37	7	
						2589	59.45	60.45	1m	5	
						2588	63.7	64.7	1m	5	
						2587	68.9	69.8	.9m	10	

* For features such as foliation, bedding, schistosity, measured from the long axis of the core

† Additional credit available. See Assessment Work Regulations

**Diamond
Drilling
Log**

Fill in on every page → Hole No. DDH 85-4 Page No. 2

Drilling Company		Collar Elevation	Bearing of hole from true North	Total meters	Dip of Hole at Collar Dip/Az °	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.
Date Hole Started	Date Completed	Date Logged	Logged by		m		Location (Twp., Lot, Con. or Lat. and Long.)	
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)		m			
				m	Property Name			

Interval (m)		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen (m) †	Your Sample No.	Sample (m.)		Sample Length	Assays ‡	
From	To						From	To		Au (ppb)	
48.2	81.7	Siltstone-Lithic wacke (cont'd)	Fractures often slickensided with waxy green coating. Contact @ 81.7 possibly faulted? - broken rubbly core.								
81.7	83.9	Felsic tuff	Similar to felsic tuff above but appears fractured and then cemented by carbonate. - becomes progressively bleached in colour with depth.								
83.9	94.0	"Mylonite" fault zone	Buff white to medium grey, soft clay. Some intervals appear intensely brecciated - crushed but generally featureless non-descript clay. Colour changes after 91.65 to grey-green then dark red-brown after 92.75m. - Contact @ 94.0 ~ 40° TCA.			2586	87.7	88.7	1m	Nil	
						2585	88.7	89.7	1m	7	
						2584	90.65	91.75	1.1m	5	
						2583	91.75	92.75	1m	Nil	
						2582	92.75	93.57	.82m	3	
94.0	102.11	Basaltic flow	Maroon, fine to medium grained with pink euhedral analcite? 20%, usually ≤ 5mm. White carbonate amygdules common, ≤ 10% usually < 3mm and often elongated ~ 65° TCA. Carbonate veining < 5% ≤ 2mm cutting core axis 20° - 45°.								
	102.11		E. O. H.								

* For features such as foliation, bedding, schistosity, measured from the long axis of the core

† Additional credit available. See Assessment Work Results

**Diamond
Drilling
Log**

Fill in on every page Hole No. DDH 85-5 Page No. 1

Drilling Company D. W. Coates Enterprises Ltd.		Collar Elevation ≈ 870m ASL	Bearing of hole from true North 270°	Total meters 120.1	Dip of Hole at Collar Dip/Az °° 50°W	Location of hole in relation to a fixed point on the claim. Grid Coordinates 0+00, 20+85 E	Map Reference No. NTS 93A / 5	Claim No. 5543 (Mary)
Date Hole Started February 3 / 85	Date Completed February 4 / 85	Date Logged Feb. 5/85	Logged by L. Forand		120 m 55		Location (Twp., Lot, Con. or Lat. and Long) Antoine Lake Area Cariboo Mining Division 52° 25' N, 121° 35' W	Property Name " Hot "
Exploration Co., Owner or Optionee ASAMERA INC.		Date Submitted	Submitted by (Signature)		m			
					m			

Interval (m)		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen (m) †	Your Sample No.	Sample (m)		Sample Length	Assays ‡	
From	To						From	To		Au (ppb)	
0	6.1	Overburden	Casing 0 - 6.1m								
6.1	17.6	Felsic tuff	Light pinkish grey, fine grained with euhedral pink orange analcite ? ~10% and ≤ 4mm. Occasional larger sub-rounded to sub-angular felsic clast ≤ 3cm floating in a fine grained tuffaceous matrix. Fine < 2mm carbonate veining ~5% sub // to ⊥ TCA. - contact @ 17.6 irregular - possibly 50° TCA.								
17.6	41.21	Siltstone-Lithic wacke	Light to medium grey, very fine to fine grained, bedding, well defined, constant 70° - 75° TCA. Minor conglomeratic interval 18.4 - 18.6m. - Moderate fracturing 19.0 - 19.66, 23.7 - 25.3, 29.3 - 30.4 35.25 - 37.34 and 37.6 - 41.2m. - Carbonate veining usually 1 - 2% except ≤ 10% between 34 - 35m.			2551	17.6	18.6	1m	10	
41.21	43.2	Conglomerate ?	Medium-grey, core broken, rubbly - difficult to determine rock type - some larger pieces appear to be conglomeratic ?			2600	41.21	42.21	1m	3	
43.2	46.6	Siltstone	Very fine-grained medium grey siltstone as above, - bedding ~ 70° TCA.			2599	42.21	43.21	1m	3	
46.6	51.9	Felsic tuff	Buff, slightly pinkish, medium grained with altered clasts ≤ 1cm Abundant carbonate veining ~ 20% with veins up to 2cm. First 40cm of the unit is extremely soft, clay altered, slightly green-grey and intensely fractured.			2598	45.9	46.9	1m	3	

* For features such as foliation, bedding, schistosity, measured from // - long axis of the core

† Additional credit available. See Assay Report Work Resolutions

**Diamond
Drilling
Log**

Fill in on every page Hole No.
DDH 85-5 Page No.
2

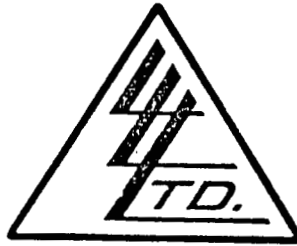
Drilling Company		Collar Elevation	Bearing of hole from true North	Total meters	Dip of Hole at Collar	Dip/Az °	Location of hole in relation to a fixed point on the claim.	Map Reference No.	Claim No.	
Date Hole Started	Date Completed	Date Logged	Logged by		m			Location (Twp., Lot, Con. or Lat. and Long.)		
Exploration Co., Owner or Optionee		Date Submitted	Submitted by (Signature)		m			Property Name		
					m					

Interval (m)		Rock Type	Description Colour, grain size, texture, minerals, alteration, etc.	Planar Feature Angle *	Core Specimen (m) †	Your Sample No.	Sample (m)		Sample Length	Assays †	
From	To						From	To		Au (ppb)	
46.6	51.9	Felsic tuff(cont)	Contacts @ 46.6 irregular ~80° TCA and @ 51.9 ~45° TCA								
51.9	60.3	Siltstone	Similar to siltstone unit above. Intensely fractured 52 - 54.5m.								
60.3	61.25	Lithic wacke ?	Light grey, medium grained, soft clay altered sheared ? Abundant quartz veining 25° TCA from 61 - 61.25. Contact @ 60.3 ~ 50° TCA								
61.25	89.5	Lithic wacke	Light to medium grey, medium grained ≤ 1.5mm bedding rarely visible except in finer grained intervals @ 69m where it is ~75° TCA. - Carbonate veining < 5% - strongly magnetic with few tiny grains of magnetite ? visible. Large carbonate veins with associated fracturing Sub // TCA @ 64.5, 82.8 - 84.1 and 86 - 86.9m. - Carbonate healed breccias @ 80.0 and 81.5m. - Minor light green epidote ? alteration @ 81.2m			2597 2596 2595	60.35 74.3 79.5	61.35 75.3 80.5	1m 1m 1m	3 5 5	
89.5	94.0	Breccia	Rubbly - broken core, appears to be breccia fault zone with angular clasts cemented with carbonate. From 91 - 94 looks crushed and or sheared probably mylonite.			2594 2593	89.9 92.0	90.9 93.0	1m 1m	5 7	
94.0	114.3	Lithic wacke	Similar to Lithic wacke above. Minor gouge 40° TCA @ 101.9m., moderate fracturing @ 103.9m and 105.8m. Finer grained bedded interval 75° TCA from 105 - 110.0m.								

* For features such as foliation, bedding, schistosity, measured from the long axis of the core

† Additional credit available. See Appendix 11 Mark Regulations

To: ASAMERA OIL CORPORATION LTD
 2100 - 144 - 4th Avenue S.W.,
 Calgary, Alberta T2P 3N4
 Attn: Lawson Forand



File No. 27242
 Date January 31, 1985
 Samples Core

Certificate of
ASSAY of
LORING LABORATORIES LTD.

SAMPLE No.	PPB Au
<u>"Assay Analysis"</u>	
#2626	10
#2627	45
#2628	Nil
#2629	Nil
#2630	Nil
#2631	Nil
#2632	7
#2633	3
#2634	7
#2635	3
#2636	Nil
#2637	Nil
#2638	Nil
#2639	3
#2640	Nil
#2641	3
#2642	Nil
#2643	Nil
#2644	Nil

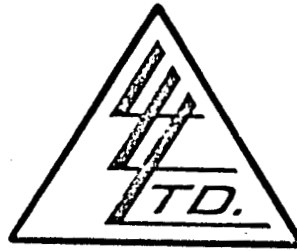
I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.
 Pulps Retained one month
 unless specific arrangements
 made in advance.

J. Enkel

Assayer

To: ASAMERA OIL CORPORATION LTD
 2100 - 144 - 4th Avenue S.W.,
 Calgary, Alberta T2P 3N4
 Attn: Lawson Forand



File No. 27258
 Date February 7, 1985
 Samples Core
 PROJECT: CARIBOO

Certificate of
ASSAY of
LORING LABORATORIES LTD.

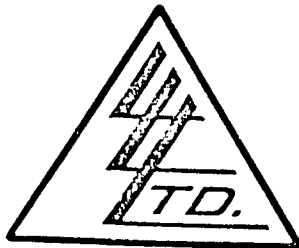
SAMPLE No.	PPB GOLD
2601	Nil
02	Nil
03	Nil
04	3
2605	Nil
06	Nil
07	3
08	Nil
09	3
2610	Nil
11	7
12	Nil
13	3
14	Nil
2615	7
2645	Nil
46	3
47	Nil
48	3
49	7
2650	3

I *Hereby Certify* THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.
 Pulps Retained one month
 unless specific arrangements
 made in advance.

Lawson Forand
 Assayer

To: ASAMERA OIL CORPORATION LTD
 2100 - 144 - 4th Avenue S.W.,
 Calgary, Alberta T2P 3N4
 Attn: Lawson Forand



File No. 27286
 Date February 13, 1985
 Samples Core
 PROJECT CARIBOO

Certificate of
ASSAY OF
LORING LABORATORIES LTD.

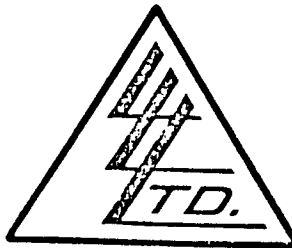
SAMPLE No.	PPB GOLD
E-2551	10
E-2590	7
91	7
92	7
93	7
94	5
95	5
96	5
97	3
98	3
99	3
2600	3

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.
 Pulps Retained one month
 unless specific arrangements
 made in advance.

Lawson Forand
 Assayer

To: ASAMERA OIL CORPORATION LTD
 2100 - 144 - 4th Avenue S.W.,
 Calgary, Alberta T2P 3N4
 Attn: Lawson Forand



File No. 27271
 Date February 13, 1985
 Samples Core
 PROJECT CARIBOO

Certificate of
ASSAY OF
LORING LABORATORIES LTD.

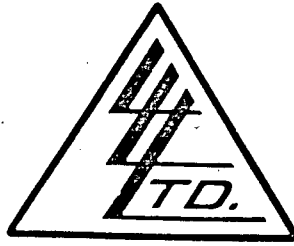
SAMPLE No.	PPB GOLD
E-2582	3
83	Nil
84	5
85	7
86	Nil
87	10
88	5
89	5

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.
 Pulps Retained one month
 unless specific arrangements
 made in advance.

Lawson Forand
 Assaver

To: ~~K~~SAMERA OIL CORPORATION LTD
 2100 - 144 - 4th Avenue S.W.,
 Calgary, Alberta T2P 3N4
 Attn: Lawson Forand



File No. 27267
 Date February 13, 1985
 Samples Core
 CARIBOO PROJECT

Certificate of
ASSAY
 LORING LABORATORIES LTD.

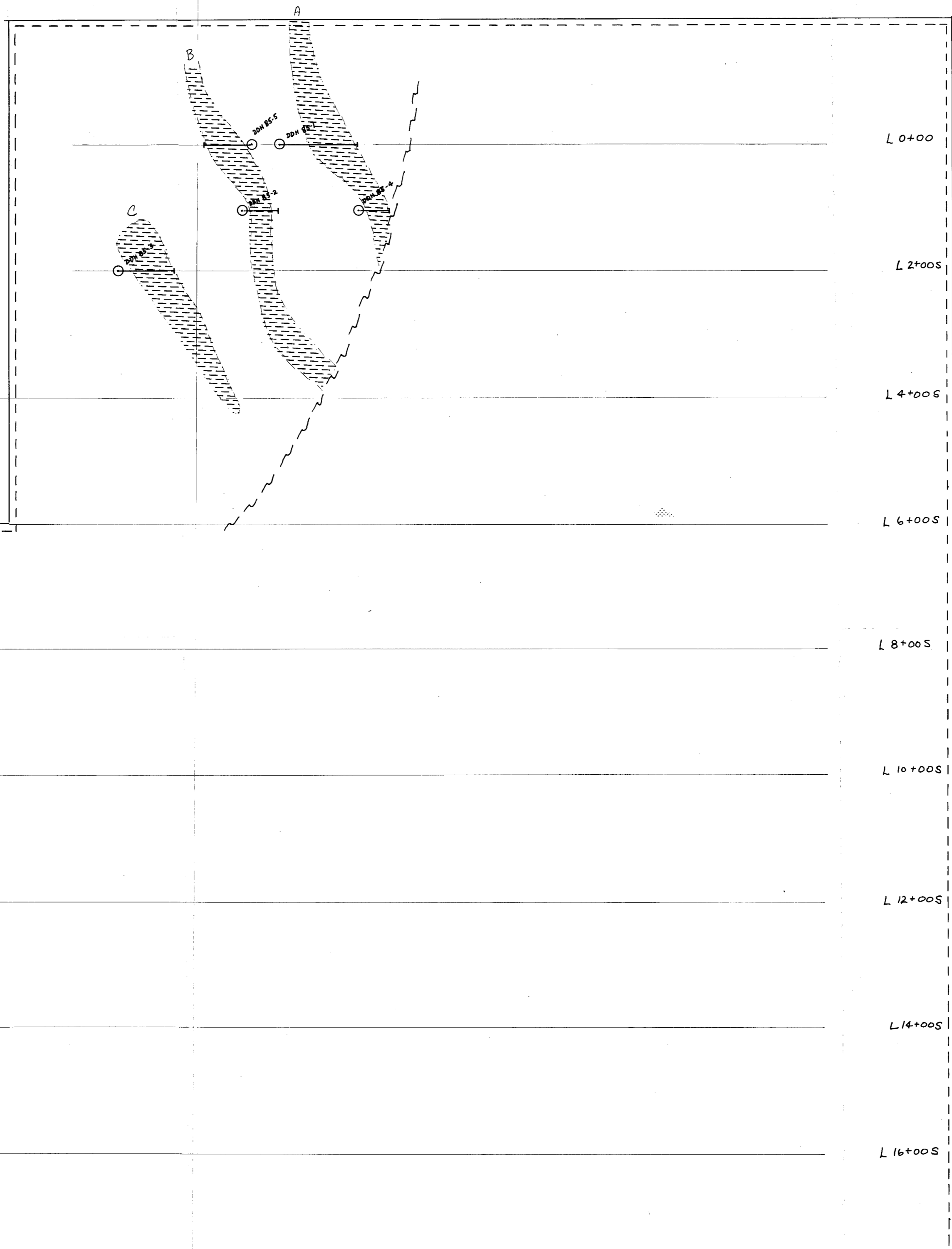
SAMPLE No.	PPB GOLD
E-2576	Nil
77	7
78	10
79	7
80	10
81	10
E-2616	7
17	7
18	7
19	Nil
20	Nil
21	Nil
22	Nil
23	7
24	7
25	3

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

Rejects Retained one month.
 Pulp Retained one month
 unless specific arrangements
 made in advance.

Lawson Forand
 Assayer

B.L.
20 E



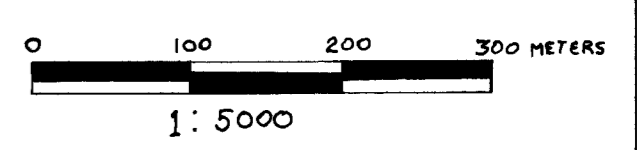
L 0+00
 L 2+00S
 L 4+00S
 L 6+00S
 L 8+00S
 L 10+00S
 L 12+00S
 L 14+00S
 L 16+00S

- SYMBOLS**
- Drill Hole
 - I.P. Chargeability Anomaly
 - Fault
 - Claim Boundary

ASAMERA INC.
 Cariboo Project
 Drill Plan Map

**GEOLOGICAL BRANCH
 ASSESSMENT REPORT**

14,339



L.C.P.
 MARY #2 62915
 L.C.P.
 MARY 62918

B.L.
 20 E

20+50E

21+00E

21+50E

DDH 85-2

50°

Overburden

Zone of Anomalous I.P. Response

Basalt

Siltstone

Tuff breccia

PPs BU-PT

ni

Lithic wacke (PT)

3

Felsic tuff

3

Lithic wacke

ni

15°

Felsic dyke

ni

10°

Lithic wacke (PT)

3

Felsic dyke

ni

5°

Siltstone

Lithic wacke (PT)

ni

10°

Felsic dyke

ni

10°

Lithic wacke

ni

Felsic zone? (Core loss)

Tuff breccia

ni

5°

Felsic dyke

ni

101.2 m.

850 ASL

800 ASL

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

14,339

Asamera Inc.
Cariboo Project
Drill Hole 85-2
Line 1+00S, 20+70E
Scale 1:500

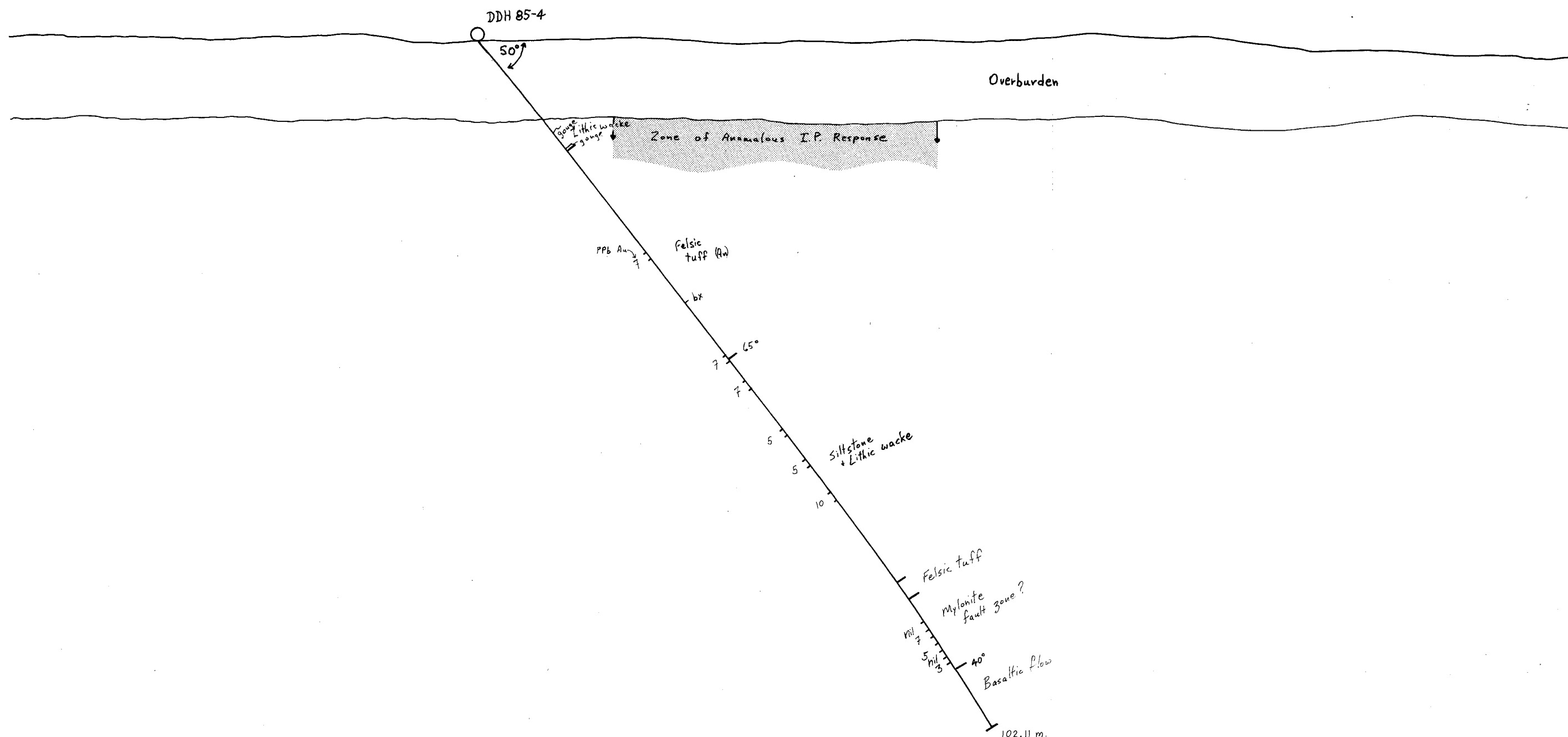
22+50 E

23+00 E

23+50 E

850 ASL

800 ASL



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

14,339

Asamera Inc.
Cariboo Project
Drill Hole 85-4
Line 1+005, 22+55 E
Scale 1:500

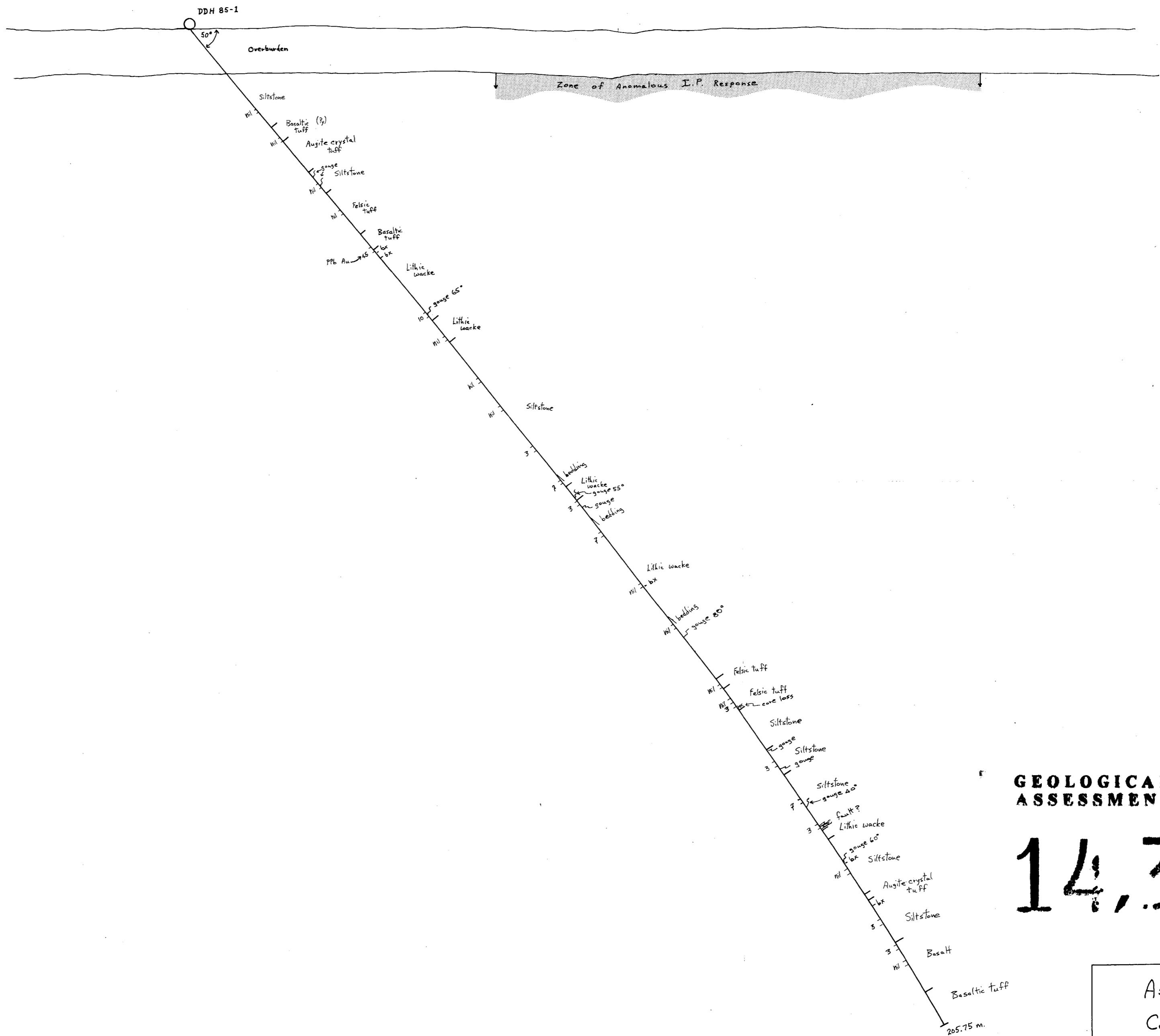
21+50 E

22+00 E

22+50 E

850 ASL

800 ASL



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

14,339

Asamera Inc.
Cariboo Project
Drill Hole 85-1
Line 0+00, 21+30E
Scale 1:500

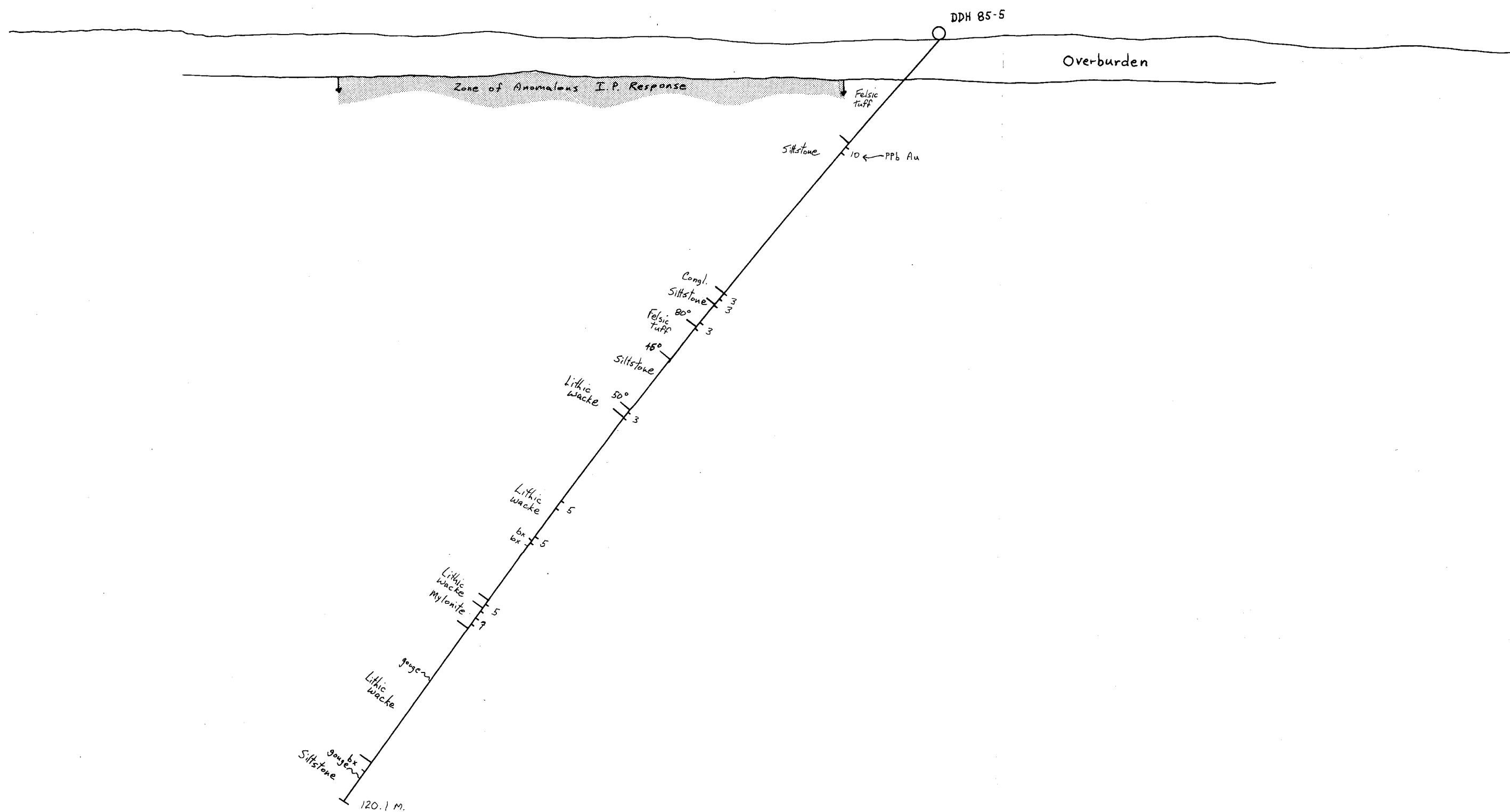
20+00E

20+50E

21+00E

850 ASL

800 ASL



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

14,339

Asamera Inc.
Cariboo Project
Drill Hole 85-5
Line 0+00, 20+85E
Scale 1:500

18+50E

19+00E

19+50E

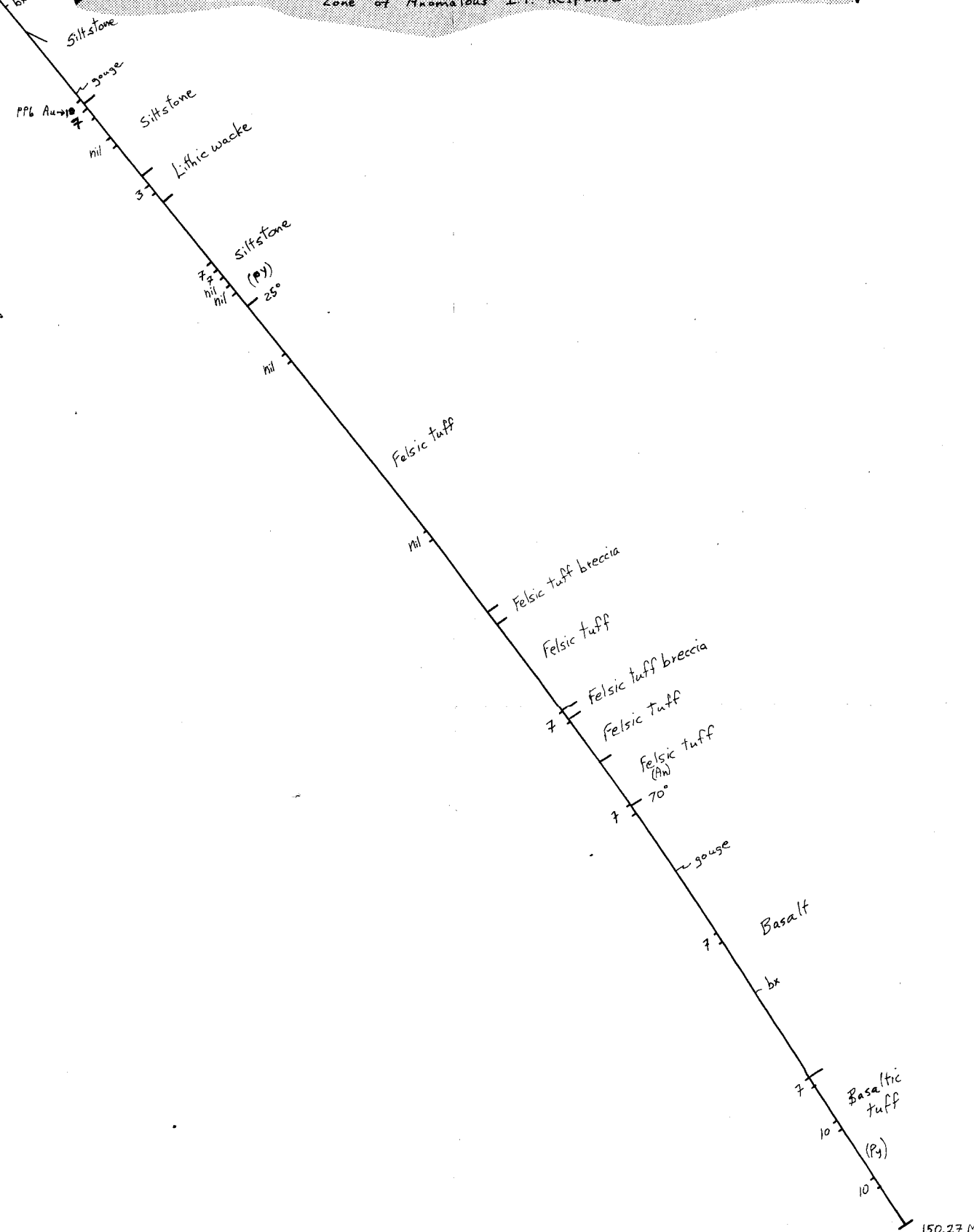
DDH 85-3

850 ASL

800 ASL

Overburden

Zone of Anomalous I.P. Response



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

14,339

Asamera Inc.
Cariboo Project
Drill Hole 85-3
Line 2+00s, 18+75E
Scale 1:500