

5

DIAMOND DRILL REPORT
CINDY PROJECT
NTS 92-I/8 W
Latitude 50°^{23.1'}24' North
Longitude 120°21.7' West
Kamloops/Nicola Mining Divisions
British Columbia

March 19, 1987

FILMED

Operator: for
ASAMERA INC.
Calgary, Alberta

Owner: J.S. Delatre

by
David G. Dupré, P.Geol.
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GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,075

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IN POCKET

Diamond Drill Sections

INTRODUCTION

This report summarizes the results of a drilling program carried out by Asamera Inc. on their optioned Cindy Group property near Kamloops, British Columbia. Three NQ holes totalling 917.7 m were drilled by Connors Drilling Ltd. during the period February 9 to March 5, 1987. The objective of the drill program was to test anomalous geochemical and geophysical (I.P. and VLF-EM) responses to evaluate the bonanza lode gold potential of the Cindy epithermal system.

PROPERTY STATUS

The Cindy Group property consists of three contiguous mineral claims totalling 45 units or approximately 1125 hectares, grouped as the Cindy #1 Group (Figure 1). All the claims are registered in the name of J. S. DeLatre of Vancouver, B.C., and optioned to Asamera Inc. of Calgary, Alberta. Relevant claim data are tabulated below:

<u>Claim Name</u>	<u>No. of Units</u>	<u>Record Number</u>	<u>Record Date</u>	<u>Mining Div.</u>
Microgold	9	1257	June 21, 1982	Nicola
Dy	16	1307	Nov. 01, 1982	Nicola
Cin	20	4210	Oct. 07, 1982	Kamloops

The surface rights of all lands within the Cindy Group are privately owned. The surface title is summarized below:

Frolek Cattle Company Ltd.
 Sections 1+2, Twp 17, R 18 W6M
 Section W½35, Twp 18, R 18 W6M
 Lot 1000, Twp 16, R 18 W6M

Wicklow West Holdings Ltd.
 Section E½35, Twp 16, R 18 W6M
 Section 36, Twp 16, R 18 W6M
 Lot 999, Twp 16, R 18 W6M
 Lot 4272, Twp 16, R 18 W6M

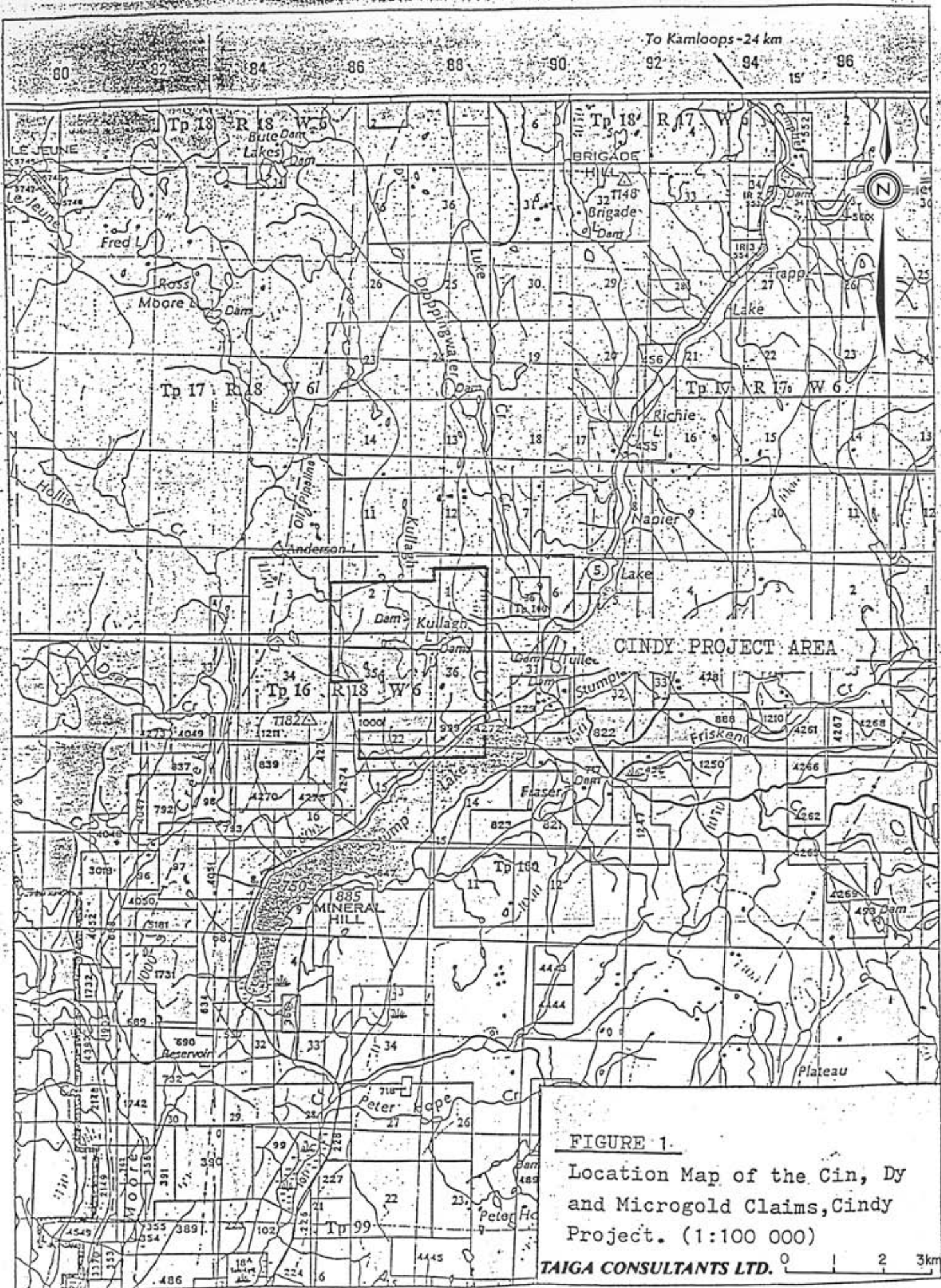


FIGURE 1.
 Location Map of the Cin, Dy
 and Microgold Claims, Cindy
 Project. (1:100 000)

TAIGA CONSULTANTS LTD. 0 1 2 3km

LOCATION AND ACCESS

The Cindy Group property is located along Highway 5 at the northwest end of Stump Lake, approximately 30 km due south of Kamloops, B.C. The geographic coordinates of the centre of the claims are 50°24' North latitude and 120°21' West longitude in NTS 92-1/8 W. The Anderson Lake gravel road leading west from Highway 5 at the north end of Stump Lake provides access to the northern part of the property. A ranch range road leading south from the Anderson Lake road provides good access to the central part of the property near Kullagh Lake.

PHYSIOGRAPHY

The property is characterized by gently rolling terrain with seasonal creeks, small ponds, and Kullagh Lake. Local relief ranges from 750 m ASL at Stump Lake to 1050 m ASL. The vegetation comprises semi-arid grassland with scattered poplar groves in creek valleys. The area is cattle rangeland and considerable attention must be devoted to reclamation of areas disturbed by exploration activities.

EXPLORATION HISTORY

Two previous drill programs have been carried out in the area of the Cindy Group. In the spring of 1983, Chevron Canada Limited drilled four holes totalling 666.42 m; in late 1985, BP Minerals Limited completed 22 diamond drill holes totalling 2173.5 m. The BP program was undertaken to evaluate multi-element soil and lithogeochemical anomalies in search of low-grade open-pittable material. No encouragement was obtained from these drilling programs. In the fall of 1986, Asamera Inc. carried out an I.P. and VLF-EM survey over the property. The BP grid was re-established and utilized for this geophysical program.

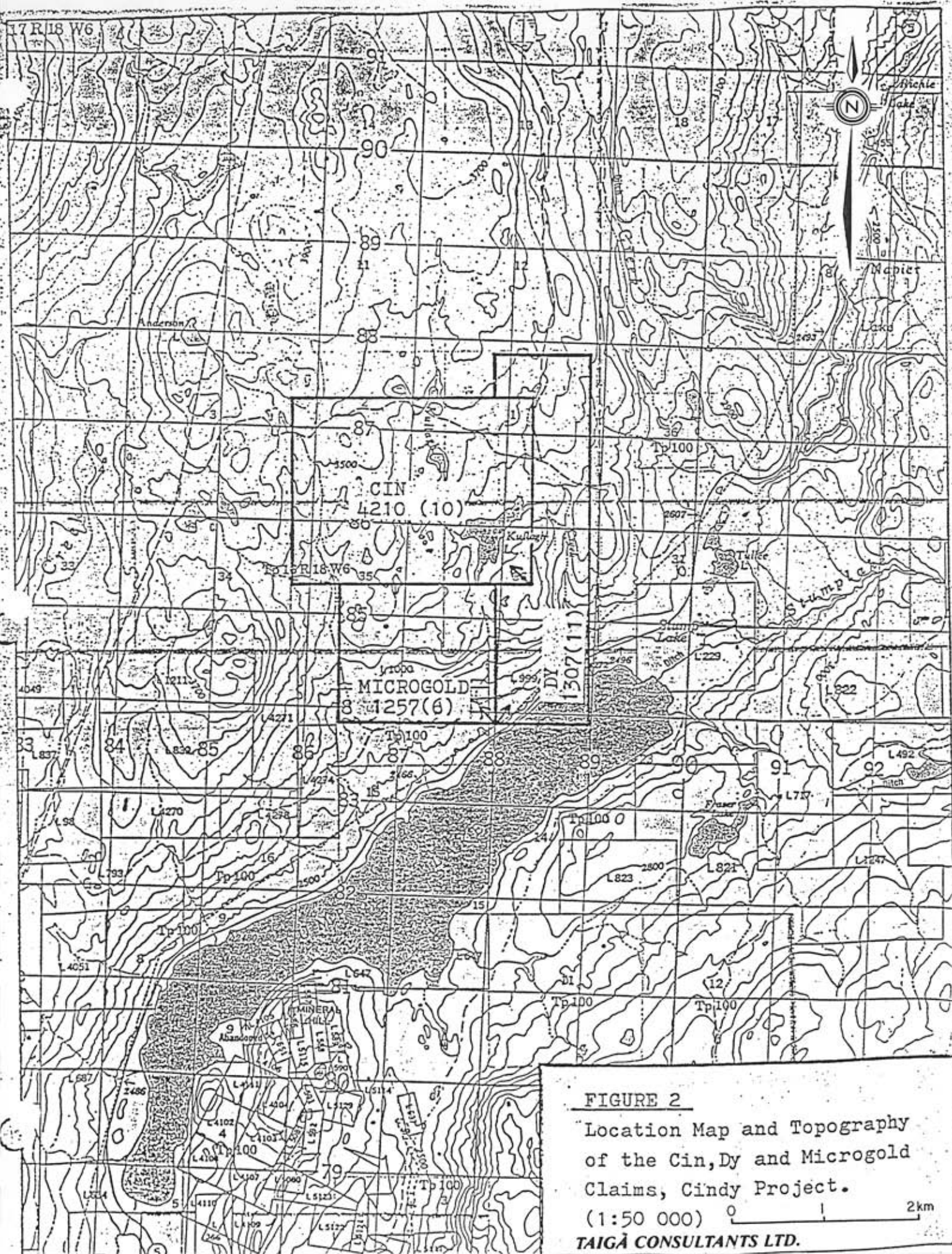


FIGURE 2
 Location Map and Topography
 of the Cin, Dy and Microgold
 Claims, Cindy Project.
 (1:50 000) 0 1 2km
TAIGA CONSULTANTS LTD.

1987 DRILLING PROGRAM

During the period February 9 to March 15, 1987, three NQ diamond drill holes were completed for a total of 917.7 m. The drilling was contracted to Connors Drilling of Kamloops and involved one drill operating two shifts per day. The core was logged in detail and prospective intervals were split and sampled. A total of 77 samples were shipped to Bondar-Clegg & Company in Vancouver, and were analyzed for the standard 21-element I.C.P. package (Fe, V, As, Te, U, W, Sb, Se, Sn, Au, Cu, Pb, Zn, Mo, Co, Ni, Cr, Mn, Cd, Ag, Bi). The core is temporarily stored at Versatile Self-Storage in Kamloops, B.C.

The results are presented in the Appendix, and the gold results are shown on the drill logs and sections.

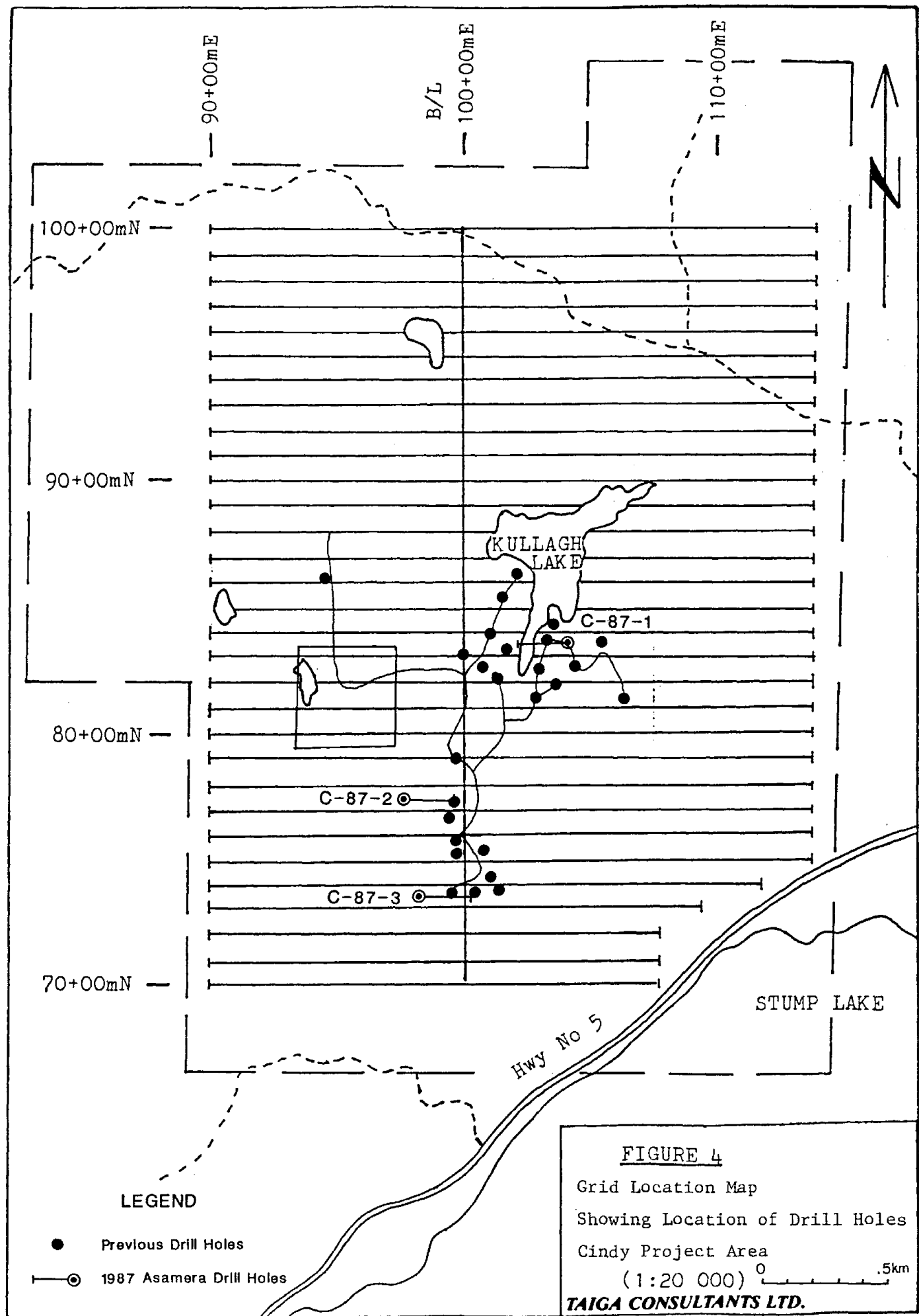
Table 1 summarizes the relevant drill hole data. Figure 3 indicates the drill hole locations. The drill collar sites were located with respect to the grid originally established by BP Minerals and later utilized by Asamera Inc. for the 1986 geophysical program. A brief summary of the drill holes is presented on the following pages.

* * * * *

TABLE 1
Diamond Drill Hole Summary

DDH #	Location	Bearing	Angle	Total Depth
C-87-1	83+50N 104+00E	270°	-60°	310.0
C-87-2	77+50N 97+50E	090°	-60°	313.0
C-87-3	74+50N 97+75E	090°	-60°	<u>294.7</u>
				917.7 m

* * * * *



DDH C-87-1

The objective of this deep hole was to evaluate the bonanza lode gold potential below the postulated "silica cap" mapped on surface and intersected by several shallow BP Minerals holes. It was designed to test coincident VLF-EM and I.P. (chargeability, resistivity) anomalies.

The hole intersected several altered andesitic zones with moderate chalcedonic silica veining and a 2.7 m wide composite quartz vein/breccia interval. This latter interval may represent a feeder system localized along a fault zone. The assay results were not encouraging (best result = 480 ppb Au over 1.7 m). The highest results (110 to 480 ppb Au) were encountered in altered zones between 35 and 59 m. Altered zones intersected deeper in the hole display much lower gold values (<100 ppb). No adequate explanation for the I.P. chargeability anomaly was observed. Pyrite is present, but only sporadically and in low concentrations.

DDH C-87-2

This hole was also designed to test coincident I.P. (resistivity) and lithochemical anomalies to evaluate the bonanza lode gold potential. Several altered zones up to 5 m wide with chalcedonic silica veining were observed but they did not return any significant gold results. The best assay result was 700 ppb Au over 2.9 m.

DDH C-87-3

The objective of this hole was also to evaluate a coincident lithochemical and I.P. (resistivity) anomaly for bonanza lode gold occurrences. Several weakly altered zones with abundant chalcedonic silica were encountered but did not return any encouraging assay results. The best result was 480 ppb Au over 1.7 m. The best results were obtained from above 60 m.

DRILL RESULTS

The results obtained from the 1987 drill program are presented in detailed drill logs and sections.

Andesitic flow breccias, similar to those which crop out over much of the property, comprise most of the core recovered. This rock type is composed of poorly sorted (up to 1 m), sub-angular to sub-rounded, commonly indistinct andesite fragments floating in a slightly finer grained andesitic matrix. The fragments are remnants of lithified flows which have been brecciated and re-incorporated within subsequent extrusive material. The fragments and matrix are variably epidotized and hematitized. Thin intervals of massive andesite may represent thick unbrecciated flows or intrusive equivalents. Trace to 5% disseminated magnetite is almost invariably present in the andesites. Pyrite is locally present as disseminations in amounts up to 5%.

The andesites are moderately fractured with chlorite, kaolinite, carbonate, or hematite lining the thin slips. Faulting (as evidenced by gouge, breccia, broken core, or quartz veining) was observed in all three holes.

Each of the drill holes encountered chalcedonic silica veins enveloped by variably pervasive silicification and clay alteration. The veins vary in thickness from less than 1 cm to 1 m. The vein material is cryptocrystalline, massive to laminated, vuggy or brecciated, and oriented at various angles to the core axis. Cross-cutting relationships and brecciation imply several episodes of silica introduction by open-space filling and stoping.

Purple or green fluorite and, less commonly, calcite are intimately associated with many of the chalcedonic silica veins. Thin, wispy masses of hematite or chlorite also rim the veins in places.

Fine disseminations and thin lenticular veinlets of pyrite are commonly present within the chalcedonic veins and altered zones. Several small blebs of chalcopyrite were observed at 264.4 m in C-87-2.

The altered zones invariably exhibit less magnetite than the adjacent fresh andesite. This is likely related to alteration of magnetite to pyrite.

The altered zones are characterized by weak silicification and moderate clay alteration. The clay-altered zones are evidenced by bleaching related to the presence of kaolinite and, possibly, pyrophyllite. Hematite, chlorite, calcite, and pyrite are commonly observed within the altered zones. The degree of alteration intensity is variable and is likely related to the volume of fluid introduced to the system. The maximum width of altered andesite was 12 m but the strongly altered sections generally average less than 3 m wide.

Coarse-grained milky white to grey quartz veins are present in each of the three holes. Calcite is a common associate of this type of vein. In several places, the chalcedonic silica veining was observed to cut this vein type. In general, the chalcedonic silica veins are more common near the surface while the coarse-grained variety is more abundant at depth. A 2.7 m wide composite quartz vein/breccia interval was intersected in C-87-1 and may represent a feeder system for the epithermal silica cap exposed at surface.

CONCLUSIONS AND RECOMMENDATIONS

The objective of the 1987 drilling program on the Cindy Group was to test coincident lithogeochemical and geophysical (I.P. and VLF-EM) anomalies to evaluate the bonanza lode gold potential of an obvious epithermal system. The primary targets were zones of increased alteration along structural breaks where venting for the epithermal system presumably took place.

Each of the three holes encountered thin zones of altered andesite with chalcedonic silica veining. The altered zones are analogous to those encountered by the BP Minerals and Chevron shallow drilling. DDH C-87-1 encountered a 2.7 m wide zone of coarse-grained quartz and brecciation which may represent the best approximation of the bonanza lode environment.

No encouraging assay results were obtained during the 1987 program. The best assay result was 700 ppb Au over 2.9 m in C-87-2. Several conclusions are possible to explain the results obtained. These are:

1. Only the upper (silica cap) part of the classical epithermal system has been evaluated to date. The presence of fluorite at depth in the holes would support this possibility. If this is true, the bonanza lode would be deeper than tested to date.
2. A discrete feeder channel for the system is not present; rather, a network of small anastomosing feeders provides the plumbing.
3. The system is enhanced in gold, but no part contains economic concentrations.

It can be concluded that the 1987 drilling program evaluated the best coincident geophysical and lithogeochemical anomalies associated with the Cindy epithermal system. No encouragement was obtained, and the potential for locating economic concentrations of gold is remote.

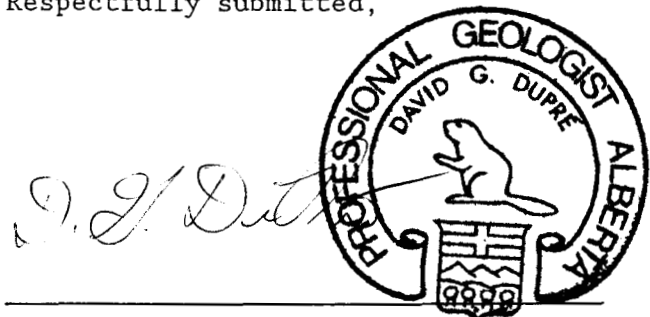
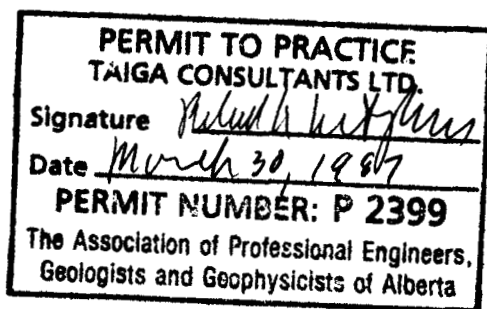
CERTIFICATE

I, David George Dupré, of 13116 Bonaventure Drive S.E. in the City of Calgary in the Province of Alberta, do hereby certify that:

1. I am a graduate of the University of Calgary, B.Sc. Geology (1969), and I have practised my profession continuously since graduation.
2. I am a member in good standing of the Association of Professional Engineers, Geologists and Geophysicists of Alberta; and I am a Fellow of the Geological Association of Canada.
3. I am a Consulting Geologist associated with the firm of Taiga Consultants Ltd. with offices at Suite 100, 1300 - 8th Street S.W., Calgary, Alberta.
4. I am the author of the report entitled "Diamond Drill Report, Cindy Project, Kamloops/Nicola Mining Divisions, British Columbia", dated March 19, 1987.
5. I do not own or expect to receive any interest (direct, indirect, or contingent) in the property described herein nor in the securities of ASAMERA INC., in respect of services rendered in the preparation of this report.

DATED at Calgary, Alberta, this 19th day of March, A.D. 1987.

Respectfully submitted,



David G. Dupré, B.Sc., P.Geol., F.GAC

APPENDIX

Certificates of Analysis
Diamond Drill Logs

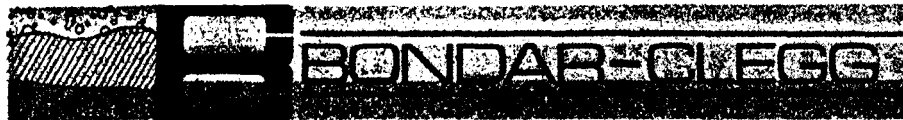


REPORT: 127-0726

PROJECT: NONE GIVEN

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SAMPLE NUMBER	ELEMENT UNITS	Fe PCT	V PPM	As PPM	Te PPM	U PPM	W PPM	Sb PPM	Se PPM	Sn PPM	Au PPB
D2 24001		3.55	93	101	<10	<10	22	17	<5	<10	140
D2 24002		3.31	90	259	<10	<10	15	13	<5	<10	240
D2 24003		3.36	89	433	<10	14	<10	19	<5	<10	320
D2 24004		3.89	88	375	<10	<10	96	17	<5	<10	420
D2 24005		4.36	94	71	<10	<10	<10	17	16	<10	45
D2 24006		3.75	94	74	<10	<10	<10	19	7	<10	80
D2 24007		3.56	76	63	<10	<10	<10	11	<5	<10	90
D2 24008		3.92	79	27	<10	<10	<10	17	<5	<10	10
D2 24009		4.72	133	<5	<10	<10	<10	<5	<5	<10	<5
D2 24010		3.19	117	<5	<10	<10	<10	17	<5	<10	<5
D2 24011		4.33	173	16	<10	<10	<10	19	<5	<10	<5
D2 24012		5.61	204	15	<10	11	<10	13	<5	<10	5
D2 24013		1.23	45	12	<10	<10	<10	<5	<5	<10	<5
D2 24014		3.75	72	6	<10	<10	<10	9	<5	<10	25
D2 24015		2.91	77	46	<10	<10	<10	8	<5	<10	120
D2 24016		2.22	106	30	<10	<10	<10	9	<5	<10	<5
D2 24017		3.89	106	24	<10	<10	<10	9	<5	<10	5
D2 24018		3.18	104	<5	<10	<10	<10	9	<5	<10	<5
D2 24019		3.87	131	13	<10	<10	<10	17	<5	<10	<5
D2 24020		2.68	103	5	<10	<10	<10	<5	<5	<10	<5
D2 24021		4.38	140	104	<10	<10	<10	10	<5	<10	5
D2 24022		4.74	130	16	<10	<10	<10	16	<5	<10	<5
D2 24023		3.72	123	534	<10	<10	<10	16	<5	<10	30
D2 24024		4.05	142	834	<10	<10	14	18	<5	<10	700
D2 24025		4.76	159	60	<10	<10	<10	11	<5	<10	15
D2 24026		0.54	261	34	<10	<10	<10	<5	<5	<10	680
D2 24027		2.43	167	176	<10	<10	<10	16	<5	<10	500
D2 24028		2.88	101	419	<10	<10	<10	12	<5	<10	170
D2 24029		3.64	75	1525	<10	<10	<10	53	<5	<10	85
D2 24030		3.57	64	367	<10	<10	<10	25	20	<10	35
D2 24031		3.99	93	41	<10	<10	<10	23	<5	<10	5
D2 24032		3.78	119	107	<10	<10	19	20	<5	<10	60
D2 24033		3.58	117	302	<10	<10	<10	14	<5	<10	45
D2 24034		3.70	136	67	<10	<10	13	20	<5	<10	35
D2 24035		3.61	96	16	<10	<10	<10	25	<5	<10	5
D2 24036		7.04	154	230	<10	<10	<10	23	<5	<10	85
D2 24037		6.07	124	962	<10	<10	<10	71	<5	<10	30
D2 24038		3.47	65	48	<10	<10	<10	13	<5	<10	<5



REPORT: 127-0726

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PAGE 1A

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPH	Zn PPM	Mo PPM	Co PPM	Ni PPM	Cr PPM	Mn PPM	Cd PPM	Ag PPM	Bi PPM
D2 24001		89	8	69	3	13	7	51	626	1	<0.5	10
D2 24002		28	8	69	171	14	5	29	614	<1	<0.5	20
D2 24003		34	13	76	284	17	6	36	660	<1	0.9	4
D2 24004		100	<5	70	96	17	6	51	715	<1	0.6	9
D2 24005		142	12	78	34	25	10	36	687	<1	<0.5	6
D2 24006		114	9	62	233	21	12	45	325	<1	0.6	13
D2 24007		73	7	48	55	14	5	55	1066	<1	<0.5	7
D2 24008		112	10	79	2	22	10	39	529	2	<0.5	4
D2 24009		75	<5	84	<1	27	15	30	890	<1	<0.5	12
D2 24010		60	<5	71	<1	25	21	53	1210	<1	<0.5	<2
D2 24011		67	<5	84	<1	29	20	42	924	<1	<0.5	13
D2 24012		222	6	96	<1	29	24	55	1242	1	<0.5	6
D2 24013		2	5	13	<1	5	5	178	286	<1	<0.5	<2
D2 24014		63	<5	41	<1	13	5	40	2414	<1	<0.5	3
D2 24015		271	<5	44	52	13	12	117	617	<1	0.7	<2
D2 24016		40	<5	41	<1	16	12	73	674	<1	<0.5	15
D2 24017		70	<5	70	<1	21	17	92	1734	<1	0.6	<2
D2 24018		81	6	68	<1	18	8	18	743	1	<0.5	<2
D2 24019		258	5	75	<1	19	9	36	1100	1	0.5	<2
D2 24020		86	<5	66	<1	16	3	18	1154	<1	<0.5	2
D2 24021		60	<5	63	2	22	9	37	1323	<1	<0.5	21
D2 24022		129	<5	66	<1	21	8	19	1774	1	<0.5	6
D2 24023		45	11	59	19	27	11	83	256	<1	<0.5	<2
D2 24024		55	15	70	154	27	11	49	423	1	0.5	10
D2 24025		295	8	74	<1	26	11	35	1277	2	<0.5	5
D2 24026		9	5	8	454	3	5	265	131	<1	3.3	9
D2 24027		15	12	44	80	16	9	86	374	<1	2.2	5
D2 24028		14	9	41	305	17	10	91	304	<1	8.4	4
D2 24029		65	8	58	42	12	8	75	957	<1	0.7	14
D2 24030		33	<5	42	34	16	6	52	3264	<1	1.1	7
D2 24031		63	<5	85	<1	23	12	91	2653	1	<0.5	22
D2 24032		63	8	53	6	21	15	87	528	<1	<0.5	9
D2 24033		19	6	59	15	22	14	93	880	1	<0.5	8
D2 24034		32	7	59	<1	22	14	72	1372	1	<0.5	20
D2 24035		30	<5	83	<1	26	21	41	2111	<1	<0.5	8
D2 24036		44	<5	91	12	34	26	49	2740	2	0.7	<2
D2 24037		37	<5	74	1	38	21	38	2870	2	<0.5	<2
D2 24038		31	<5	70	<1	24	17	27	1573	1	<0.5	9

TAIGA CONSULTANTS LTD., Calgary, Alberta

DIAMOND DRILL LOG

Area <u>Cindy</u>	Latitude <u>83+50N</u>	Inclination @ collar = <u>-60</u> °	Date Started <u>Feb. 13, 1987</u>	Client: <u>Asamera Inc.</u>
Claim _____	Departure <u>104+00E</u>	Inclination @ <u>91</u> m = <u>-60</u> °	Date Completed <u>Feb. 19, 1987</u>	Hole No. <u>C-87-1</u> Page <u>1</u> of <u>7</u>
Contractor <u>Connors</u>	Elevation <u>-965m</u>	Inclination @ <u>183</u> m = <u>-53</u> °	Core Size <u>NQ</u>	Project: <u>Stump Lake, BC-87-1</u>
Core Stored at _____	Bearing <u>270°</u>	Inclination @ <u>307</u> m = <u>-49</u> °	Total Length <u>310 m</u>	Logged by: <u>D. G. Dupré</u>

From	To	Int.	Geological Description	Sample No.	Fr.	To	Len.	Au ppb
0.0	6.0	6.0	CASING, overburden, no recovery					
6.0	36.5	30.5	ANDESITE, med.grey-green with common reddish cast, very fresh, competent (good recovery); vesicular (filled with quartz) and feldspar phyrlic in places, medium grained; commonly brecciated (70%), fragments are very poorly sorted (mm to 10 cm scale), of variable volcanic texture, commonly rounded (milled) in a f.g.andesitic matrix - likely a volcanic flow breccia; variably hematitic, some fragments or complete sections of core exhibit 5% hematite imparting distinct pinkish hue; pyrite is ubiquitous (trace to 5%) as fine disseminations or in micro veinlets; weakly fractured (5-10/m), fine hairline fractures at various orientations; quartz and calcite veining (<1 mm to 1 cm) moderately abundant (20-50/m), quartz varies in colour from light grey to white, veins are very rarely zoned and at all angles to c.a., veins are mainly tabular but occasionally lenticular or irregular, latest veining comprises quartz (l.grey), calcite ± fluorite (24-36.5) ± pyrite; in places these veins show delicate compositional laminations; variable diss magnetite (1-5%).					
			6.0-8.2 recovery 57% 8.2-11.3 recovery 95% 11.3-14.3 recovery 100%					
			24.0-36.5 epidote veinlets					

From	To	Int.	Geological Description	Sample No.	Fr.	To	Len.	Au ppb
36.5	50.7	14.2	ANDESITE, similar to above except brecciation is slightly less apparent and veining is much less common (5-10/m); veins mainly comprise (in order of decreasing abundance): epidote stringers, composite lt.grey qtz-calcite±fluorite±pyrite, calcite; note, hematite decreases downward					
50.7	52.1	1.4	ALTERED ANDESITE, lt.green-grey; massive, fine grained; slightly altered (bleached, kaolinitic), lighter colour than above but not harder (more siliceous); upper and lower contacts are blocky, fractured with talc/kaolin on fracture planes (faulted?); abundant fine qtz-hematite±fluorite±pyrite vein <1 cm thick.					
52.1	57.1	5.0	ANDESITE, med.to dk.green-grey with reddish cast; commonly brecciated (volcanic bx); several 10-20 cm thick fault zones exhibiting fractures, breccia, gouge (kaolinite, talc), hematite; trace v.f.g.Py as disseminations and small films; few qtz±hematite veins and lenses.					
57.1	60.0	2.9	ALTERED ANDESITE, lt.green-grey; f.g., commonly brecciated; minor quartz veining; fractured, several 5-10 cm gouge zones; trace Py.					
60.0	64.1	4.1	ANDESITE, med.green-grey; f.g. to m.g. (feldspar phyrriic); locally brecciated; abundant qtz±calcite±fluorite±pyrite veining (mm-3 cm thick), delicately laminated locally, veins commonly @ 45° to c.a.; in places veins are offset by fractures.					
64.1	70.1	6.0	ANDESITE, 10% thin (<10 cm) layered intervals (sedimentary, tuffaceous?) @ 45° to c.a.; massive volcanic sections are speckled (fine feldspar phenocrysts); <5% is vein (qtz) material; broken					

From	To	Int.	Geological Description	Sample No.	Fr.	To	Len.	Au ppb
			core zone from 65.7-65.9					
70.1	72.5	2.4	ANDESITE, lt.to med.green-grey, speckled; mainly massive, locally brecciated; few hairline fractures; very minor veining.					
72.5	75.5	3.0	MOTTLED ANDESITE, pinkish green-grey; mottling related to indistinct (cloudy), lt.orange-pink masses in a green-grey matrix; likely related to an alteration phenomena (k-spar, epidote), relatively pervasive, enveloping fractures; unaltered sections are m.g. phyrrie andesite; composite qtz+calcite+fluorite+pyrite veins comprise 10% of unit; very irregular shapes; 1% Py as fine diss and thin films along fractures and qtz veins; talc and calcite on frac surfaces.	24001	72.5	73.5	1.0	140
				24002	73.5	74.5	1.0	240
				24003	74.5	75.5	1.0	320
75.5	81.2	5.7	ALTERED ANDESITE, lt.green-grey, bleached, silicified; mainly f.g. and massive (locally brecciated or m.g.); colouration may be due to alteration; 5-10% is qtz-fluorite+pyrite veins from 5mm to 2cm thick, commonly @ low angle to c.a.; white soft mineral (kaolin?) on frac planes; narrow intervals exhibit hematite within qtz veins; 1% Py as diss & thin films on frac planes; 2% small ovoid green chlorite blebs throughout.	24004	75.5	76.5	1.0	420
				24005	76.5	77.5	1.0	45
				24006	77.5	78.5	1.0	80
				24007	78.5	79.5	1.0	90
				24008	79.5	81.0	1.5	10
81.2	87.0	5.8	ANDESITE, med.green-grey; brecciated (synvolcanic), poorly sorted, sub-angular volc frags (0.5-10cm) in a finer grained volc matrix; trace-2% v.f.g.diss Py; 5% of interval comprises thin (<1cm) smokey grey quartz+pyrite veins, in places veins make up a network (crackle breccia).					
87.0	90.7	3.7	DIORITE, med.green-grey, massive, m.g., equigranular; intrusive texture; salt-and-pepper with					

From	To	Int.	Geological Description	Sample No.	Fr.	To	Len.	Au ppb
			small (<2mm) feldspar phenos; likely feeder dyke to compositionally similar andesitic volcanics;					
			5-10% white calcite±quartz veins; note, calcite veining more common than units above, also no					
			composite (zoned) qtz±calcite±fluorite veins.					
90.7	110.3	19.6	ANDESITE, med.green-grey, pinkish cast in places; brecciated, very poorly sorted (frags up to 20cm);					
			many sub-angular to angular frags (poss explosion breccia - pyroclastic?); frags vary in texture,					
			grain size, composition; some frags show pinkish colour due to hematite dusting; commonly frags					
			exhibit small lt.green-grey prismatic soft crystals (zeolite?, celadonite?); below 100 m, many					
			frags show characteristic pistachio colour of epidote (alteration) also frags are cloudy and					
			diffuse without distinct boundaries; <5% thin calcite±quartz stringers; @ 109.0-109.15 = 15cm of					
			white vein quartz.					
110.3	112.1	1.8	ANDESITE, med.green-grey, massive, f.g.; <5% fine white plag phenos (<2mm); locally brecciated.					
112.1	122.6	10.5	ANDESITE, green-grey with irregular patches of lt."pistachio" green (epidote?) and pink (hematite);					
			brecciated (synvolcanic); frags often indistinct (cloudy, nebulous); 5% quartz±calcite veining;					
			several 0.3-1.0 cm thick qtz veins @ low angle (5°-20°) to c.a., these veins show breccia and open					
			space filling texture (ie, small frags of wallrock in a qtz vein matrix); note, alteration is					
			coincident with increased quartz veining; some veins have rims of dark green material (poss					
			assimilated wallrock).					

From	To	Int.	Geological Description	Sample No.	Fr.	To	Len.	Au ppb
122.6	204.8	82.2	ANDESITE, green-grey with minor pistachio and/or pinkish coloration; less altered than above and becomes fresher downward, less quartz veining; brecciated, most frags are distinct but somewhat diffuse in more altered sections; thin sections of massive andesite (flow or intrusive equivalent), usually reddish; 1-5% quartz and/or calcite veining (<1cm thick), veins commonly contain trace v.f.g. diss Py; note, most calcite veining is late-stage of of planar variety; much of veining is @ low angle (ie, <20°) to c.a.; some of veining shows zonation and rarely incorporation of angular wallrock fragments; @ 145.7 brecciated qtz vein material implies multiple vein injection; unit becomes less altered with less vein material and harder (more siliceous) downward.					
204.8	205.6	0.8	BRECCIA with abundant quartz and calcite vein material; originally an andesitic flow breccia; 10-20% quartz vein material; introduction of qtz has produced isolated frags of volcanic material.	24010	204.8	205.6	0.8	<5
205.6	207.6	2.0	ANDESITE, green-grey with reddish tinge; flow breccia; 5% qtz and/or calcite veining; @ 207.2-207.6 increased fracturing and alteration (kaolin and chlorite).	24011	205.6	206.6	1.0	<5
				24012	206.6	207.6	1.0	5
207.6	207.8	0.2	QUARTZ VEIN, cloudy, milky white, c.g. quartz with 20% indistinct wallrock inclusions; minor hairline fracturing.	24013	207.6	207.8	0.2	<5
207.8	209.2	1.4	BRECCIA, 70% angular, pinkish, siliceous, poorly sorted volcanic frags in a f.g. greenish volcanic matrix; no preferred orientation to frags; fault breccia?; very minor quartz and/or calcite veining; trace kaolinite and hematite.	24014	207.8	209.2	1.4	25
209.2	210.3	1.1	QUARTZ VEIN, interval = 70% quartz, 30% andesite; quartz veins are layered (zoned) with alternating	24015	209.2	210.3	1.1	120

From	To	Int.	Geological Description	Sample No.	Fr.	To	Len.	Au ppb
			smokey grey and white quartz @ 40° to c.a.					
210.3	217.0	6.7	ANDESITE, slightly altered near qtz vein; mainly fragmental (flow breccia), minor massive sections; <1% qtz or calcite veinlets at irreg.intervals, all <5mm wide; weakly fractured (micro fractures).					
217.0	218.5	1.5	ALTERED ANDESITE, lt.pistachio green coloration, alteration grades downward into fresh andesite; harder, more siliceous; 5% qtz & calcite veining <1cm thick; it appears that qtz-calcite veining and alteration are most common in f.g. massive andesites, less common in frag.volcanics.	24016	217.0	218.5	1.5	<5
218.5	231.2	12.7	ANDESITE, med.to dk.green-grey with local reddish tinge; 70% of unit is fragmental (flow breccia) up to 2 cm in size some indistinct; 30% f.g. massive flows, in places this lithology is speckled with dark flakes; 10% c.g. intrusive or flow centres; <1% qtz or calcite veinlets; this section is somewhat harder than andesite above, possibly more felsic (ie, dacite).					
231.2	232.4	1.2	ANDESITE, med.green-grey; massive, m.g. intrusive rock; chilled, finer grained borders; almost no vein material.					
232.4	254.8	22.4	ANDESITE, med.green-grey with reddish tinge; mainly fragmental; slightly altered (bleached, epidotized) locally; 1% qtz or calcite veining; @ 251.2-252.6 bleached slightly silicified zone, slightly more abundant quartz-carbonate veining.					
254.8	259.6	4.8	ALTERED ANDESITE, lt.green-grey; mod.bleached (kaolinitized), silicified andesitic flow; 5-10% qtz-carb veining, minor brecciation related to vein introduction; most veins <1cm thick, no	24017	254.8	256.3	1.5	5
				24018	256.3	257.8	1.5	<5

From	To	Int.	Geological Description	Sample No.	Fr.	To	Len.	Au ppb
			preferred orientation; trace v.f.g. Py in veins or disseminations in andesite; chlorite on fracture surfaces, also minor hematite.	24019	257.8	259.6	1.8	<5
259.6	277.9	18.3	ANDESITE, med.green-grey with patches of variably red (hematitic) and pistachio-green (epidote); fragmental flow breccia; 1-5% qtz-carb veining; variably altered (weak to mod.) locally.					
277.9	286.4	8.5	ALTERED ANDESITE, similar to above except slightly more qtz-carb veining, bleaching, fracturing; chlorite and/or hematite on fracture planes; veins form network in places, but most commonly pinch and swell from 1mm to 1cm @ low angle (<20°) to c.a.	24020	279.5	281.0	1.5	<5
286.4	310.0	23.6	ANDESITE, med.green-grey with many reddish (hematite-rich) and lt.pistachio green sections; most of interval is fragmental (flow breccia) with only 10% showing massive (flow centre or intrusive) characteristics; mainly unaltered but with several narrow (<1 m) sections exhibiting weak alteration (bleaching); veining <5% of interval but more abundant in altered zones; mod.fractured with chlorite or hematite on slips; @ 294-296 several thin (<5cm) zones of multiple quartz-carbonate hematite veining.					
			Note core in box 52 (299.6-305.7) is jumbled, likely dropped and re-boxed by drillers.					
	310.0		T.D.					

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DIAMOND DRILL LOG

Area <u>Cindy</u>	Latitude <u>77+50N</u>	Inclination @ collar = <u>-60°</u>	Date Started <u>Feb. 19, 1987</u>	Client: <u>Asamera Inc.</u>
Claim <u></u>	Departure <u>97+50E</u>	Inclination @ <u>91</u> m = <u>-60°</u>	Date Completed <u>Feb. 25, 1987</u>	Hole No. <u>C-87-2</u> Page <u>1</u> of <u>7</u>
Contractor <u>Connors</u>	Elevation <u>~975m</u>	Inclination @ <u>183</u> m = <u>-56°</u>	Core Size <u>NQ</u>	Project: <u>Stump Lake, BC-87-1</u>
Core Stored at <u></u>	Bearing <u>090°</u>	Inclination @ <u>307</u> m = <u>-52°</u>	Total Length <u>313 m</u>	Logged by: <u>D. G. Dupré</u>

From	To	Int.	Geological Description	Sample No.	Fr.	To	Len.	Au ppb
0.0	1.8	1.8	CASING, overburden, no recovery					
1.8	6.7	4.9	ANDESITE, recovery 75%; med.green-grey; fragmental (flow breccia), frags poorly sorted to max of 2 cm, sub-angular to sub-rounded, with diffuse (partially re-incorporated) boundaries, commonly epidotized; tr to 3% f.g. diss magnetite; very minor qtz-calcite veining; commonly limonite stained along fractures; blocky broken core.					
6.7	8.9	2.2	SLIGHTLY ALTERED ANDESITE, lt.grey-green; altered (bleached), kaolinitized, carbonatized, chloritized; abundant (10%) qtz-calcite veinlets, minor chalcedonic smokey grey qtz veining (most veins <1cm thick), veins show preferred orientations @ 25° to c.a.; originally a fragmental volcanic, variably epidotized and hematized in unbleached sections; 1% m.g. Py on fracture surfaces and within veins; some veins contain hematite.	24021	6.7	7.7	1.0	5
				24022	7.7	8.9	1.2	<5
8.9	10.9	2.0	ANDESITE, green-grey with purplish hue; fresh, unaltered; trace qtz-carb veining.					
10.9	16.0	5.1	SLIGHTLY ALTERED ANDESITE, similar to above except slightly lighter colour (bleached), silicified, kaolinitized; 1% white qtz-carb veining; 3% chalcedonic silica veining (commonly with hem. and/or pyrite), veins vary in colour frm dk.smokey grey to lt.milky grey); veins commonly @ 30° to c.a.	24023	11.5	12.5	1.0	30

From	To	Int.	Geological Description	Sample No.	Fr.	To	Len.	Au ppb
			but form networks up to 2 cm wide in places, also anastomosing systems; up to 5% Py in qtz veins as					
			disseminations and aggregates forming films on fracture planes; minor limonite on frac surfaces.					
16.0	31.1	15.1	ANDESITE, relatively unaltered; fragmental mainly, many frags are epidotized; minor veining					
			(<10/m); @28.8-29.6 slightly altered and veined (dk.grey chalcedonic silica).					
31.1	36.5	5.4	SLIGHTLY ALTERED ANDESITE, similar to 10.9-16.0m; @ 31.1-34.0m more abundant chalcedonic silica	24024	31.1	34.0	2.9	700
			veining with 5% diss and vein Py; @ 31.5-34.0m abundant kaolin, calcite, chlorite on frac planes.					
36.5	51.1	14.6	ANDESITE, green-grey with maroon hue; mainly fragmental but several sections of massive coarser					
			grained material (flows or intrusives); trace white calcite veining @ low angle (<20°) to c.a.;					
			thin (<10cm) sections of altered material with chalcedonic silica veining.					
51.1	53.8	2.7	SLIGHTLY ALTERED ANDESITE, similar to 10.9-16.0m; 5% chalcedonic silica veining in places; veining	24025	51.1	53.2	2.1	15
			exhibits layering of dk. and lt. cryptocrystalline silica.					
53.8	65.5	11.7	ANDESITE, relatively unaltered; mainly fragmental; 1% qtz-carb veining.					
65.5	67.7	2.2	ANDESITE, massive, m.g.; non-fragmental, likely a flow or intrusive; very fresh, unaltered.					
67.7	76.5	8.8	ANDESITE, fragmental, relatively unaltered; few narrow (<2cm) chalcedonic silica veins;					
			<1% quartz-carbonate veins.					
76.5	78.2	1.7	MODERATELY ALTERED ANDESITE, lt.green-grey; originally a fragmental andesite; bleached (kaolin-					
			itized, silicified); boundaries of altered zone are transitional; 3% dk.grey chalcedonic silica					

From	To	Int.	Geological Description	Sample No.	Fr.	To	Len.	Au ppb
			veinlets; moderately fractured.					
78.2	83.2	5.0	VERY ALTERED ANDESITE, lt.green-grey; abundant chalcedonic silica veining, lesser qtz-carb+fluorite	24026	78.2	79.2	1.0	680
			veining; zonation due to alternating layers of dk.and lt.grey silica; in places zonation is concen-	24027	79.2	80.2	1.0	500
			tric (open-space filling); zonation commonly @ 70-90° to c.a.; upper and lower parts of unit are	24028	80.2	81.2	1.0	170
			bleached with sub-angular poorly sorted (up to 1 cm) altered (bleached) fragments in a siliceous	24029	81.2	82.2	1.0	85
			matrix; vein material has also been brecciated, locally vuggy; 1-5% v.f.g. diss Py; volcanic	24030	82.2	83.2	1.0	35
			material is silicified; trace powdery creamy mineral (alunite?) on fractures; @ 81.8-83.2					
			altered (silicified, carbonatized) but minor qtz veining.					
83.2	100.3	17.1	ANDESITE, green-maroon; mainly fragmental but several massive sections; 1% qtz-carb veinlets;					
			rare chalcedonic veining (<1cm wide); distinctly m.g.; relatively unaltered.					
100.3	111.1	10.8	ANDESITE, similar to above but slightly finer grained and more epidote-rich; 1% qtz-carb veinlets;					
			unaltered.					
111.1	111.9	0.8	ALTERED ANDESITE, lt.green-grey; altered (chloritized, kaolinitized, silicified); abundant	24031	111.1	111.9	0.8	5
			white-pink qtz-carb and minor chalcedonic silica veining, preferred orientation @ 30-40° to c.a.					
111.9	149.3	37.4	ANDESITE, med.green-grey with many thick pinkish sections (hematite); mainly fragmental but some					
			thin massive sections which may be unbrecciated flows or intrusives; several large (up to 20cm)					
			fragments; 1% qtz-carb veinlets; weakly fractured (<10/m); @ 145.2-145.4m and 147.0-147.1m and					

From	To	Int.	Geological Description	Sample No.	Fr.	To	Len.	Au ppb
			149.8-150.3 and 148.6-149.3m = several thin slightly altered (silicified, kaolinitized) sections.					
149.3	150.9	1.6	BASALT, dk.grey-maroon; flow, vesicular, calcite filled vesicles; flow banding @ 35° to c.a.					
150.9	168.6	17.7	ANDESITE, med.green-grey-pink; mainly fragmental but several thick (up to 1 m) of lt.pinkish-grey m.g. feldspar phyrric massive extrusive or intrusive rock; 1% qtz-calcite veinlets; very narrow alteration (bleaching) envelopes veins and fractures.					
168.6	171.4	2.8	ALTERED ANDESITE, lt.green-grey; bleached (kaolinitized) fragmental andesite; 20% of section comprises qtz ± carbonate veining; most of veining is chalcedonic silica but minor amount is c.g. white milky qtz; in places where veining is abundant, brecciation is apparent; veining shows preferred orientation @ 70° to c.a.; locally chloritic, trace white kaolin on frac planes; 5% f.g. diss Py in altered sections, qtz veins contain trace Py; @ 168.6-169.6m = blocky broken core, recovery 80%; trace hematite stringers in qtz veining.	24032	168.6	169.6	1.0	60
				24033	169.6	170.6	1.0	45
				24034	170.6	171.4	0.8	35
171.4	185.8	14.4	ANDESITE, med.grey-green-maroon; mainly fragmental with thin massive m.g. sections; mainly unaltered but several thin altered and veined sections; veining is of the milky white m.g. variety (qtz-carb) with minor hematite; veins commonly @ 30° to c.a.; @ 185.4-185.8m = bleached.	24035	182.5	183.5	1.0	5
185.8	188.3	2.5	ALTERED ANDESITE, abundant qtz-carb veining; 60% altered (bleached, kaolinitized, chloritized) andesite and 40% vein material; veins are mainly crystalline, milky white, zoned qtz-carb with minor chalcedonic silica and thin calcite veinlets; trace v.f.g. Py in qtz-carb veins; locally	24036	185.8	186.8	1.0	85
				24037	186.8	188.3	1.5	30

From	To	Int.	Geological Description	Sample No.	Fr.	To	Len.	Au ppb
			aggregates of pyrite form small swirling films.					
188.3	191.6	3.3	ANDESITE, similar to 171.4-185.4m					
191.6	193.1	1.5	ALTERED ANDESITE with abundant qtz-carb veining; similar to 185.8-188.3m	24038	191.6	193.1	1.5	<5
193.1	239.7	46.6	ANDESITE, green-grey-maroon; mainly fragmental (flow breccia); poorly sorted, sub-angular frags but many sections (up to 1 m) of massive m.g. andesite (non-brecciated flow or intrusive); generally alternating sections (on metre scale) of lighter coloured andesite (characterized by abundant feldspar phenocrysts) and finer grained darker andesite; several sections exhibit epidotized indistinct fragments; <1% qtz-carb veinlets, oriented preferentially @ 30-50° to c.a.; few thin (<50cm) altered sections with minor qtz-carb them veinlets.					
239.7	241.0	1.3	SLIGHTLY ALTERED ANDESITE, lt.green-grey; bleached (kaolinitized, carbonatized); 1-5% diss Py; 15% qtz-carb fluorite them veining; transitional over 20 cm to unaltered andesite; mod.fractured.	24039	239.7	241.0	1.3	80
241.0	250.9	9.9	ANDESITE, med.green-grey-maroon; 50% feldspar phyrlic, massive, m.g. andesite flows and 50% coarse fragmental (flow breccia); unaltered; 1% qtz-carb veinlets, a few epidote-calcite veinlets.					
250.9	252.6	1.6	ALTERED ANDESITE, bleached andesite with 40% qtz-calcite-hematite-chlorite veining; @ 251.8-252.0m = 20 cm section strongly bleached (white) brecciated with abundant qtz-carb veining.	24040	250.9	252.6	1.5	<5
252.6	264.6	12.0	ANDESITE, med.green-grey-maroon; mainly fragmental (coarse, up to 10cm long); frags are angular, mainly greenish, f.g., in a coarser matrix (likely rinds incorporated in flows); 1-5% milky white					

From	To	Int.	Geological Description	Sample No.	Fr.	To	Len.	Au ppb
			c.g. qtz-carb veining; @ 256.6-276.7m = 10 cm epidotized zone.					
264.6	267.4	2.8	ALTERED ANDESITE, lt.grey-green, bleached; minor fracturing; @ 264.6-266.2m = abundant white qtz-carb veining (section also shows brecciation, slight rotation of wallrock in veins); tr f.g. diss Py throughout; @ 266.2-266.4m chloritic zone contains 10% Py; also trace Cpy @ 264.4m.	24041	264.6	265.6	1.0	<5
				24042	265.6	266.6	1.0	360
				24043	266.6	267.4	0.8	10
267.4	273.0	5.6	ANDESITE, unaltered, fragmental, 10% qtz-carb veinlets.					
273.0	274.3	1.3	ALTERED ANDESITE, abundant qtz-carb veining; lt.green-grey (bleached); one 2cm wide qtz-carb-hem vein parallel to c.a.; tr diss f.g. Py except @ 273.7-274.0m = 5%; @ 273.95-274.0m = chalcedonic silica-carbonate vein @ 40° to c.a.; 274.0-274.3m = altered and pyritic but no qtz veining.	24044	273.0	274.0	1.0	180
				24045	274.0	274.3	0.3	65
274.3	287.6	13.3	ANDESITE, mainly fragmental, only v.minor qtz-carb veining and thin alteration envelope.					
287.6	288.6	1.0	ALTERED ANDESITE, 30% white-red qtz-carb-hem veining; mod. bleached; one 20 cm section epidote-rich; trace diss Py; chlorite and calcite on fractures @ 40° to c.a.	24046	287.6	288.6	1.0	15
288.6	302.0	13.4	ANDESITE, variably green-grey and reddish grey; locally hematite- and epidote-rich; 1% qtz-carb veinlets; @ 295.7-297.8m = more mafic section.					
302.0	304.8	2.8	ALTERED ANDESITE, bleached (altered), kaolinitized, chloritic (envelope along fractures); several thin (<10cm) fault gouge zones, mod.fractured; quite distinct (<5cm) boundaries to altered zone; 1-3% f.g. diss Py; 15% qtz-carb vein material of which 5% is med.cloudy grey chalcedonic qtz; veins commonly @ 40-50° to c.a.	24047	302.0	303.0	1.0	200
				24048	303.0	304.0	1.0	95
				24049	304.0	304.8	0.8	120

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DIAMOND DRILL LOG

Area <u>Cindy</u>	Latitude <u>74+50N</u>	Inclination @ collar = <u>-60°</u>	Date Started <u>Feb. 26, 1987</u>	Client: <u>Asamera Inc.</u>
Claim <u></u>	Departure <u>97+75E</u>	Inclination @ <u>91 m = -60°</u>	Date Completed <u>Mar. 03, 1987</u>	Hole No. <u>C-87-3</u> Page <u>1</u> of <u>4</u>
Contractor <u>Connors</u>	Elevation <u>-930</u>	Inclination @ <u>183 m = -60°</u>	Core Size <u>NQ</u>	Project: <u>Stump Lake, BC-87-1</u>
Core Stored at <u></u>	Bearing <u>090°</u>	Inclination @ <u>294 m = -55°</u>	Total Length <u>294.7 m</u>	Logged by: <u>D. G. Dupré</u>

From	To	Int.	Geological Description	Sample No.	Fr.	To	Len.	Au ppb
0.0	11.0	11.0	CASING, overburden, no recovery.					
11.0	12.7	1.7	ALTERED ANDESITE, recovery 90%; bleached (kaolinitized, chloritized), soft; mod.fractured; several fault gouge zones; trace diss Py, 5% qtz-carb veins, limonite on frac planes; originally a fragmental andesite.					
12.7	35.6	22.9	ANDESITE; recovery 99%; med.green-grey; mainly a fragmental (flow breccia) andesite but several sections up to 2 m without frags; sub-angular andesite frags abundant but indistinct and in places poorly sorted, in m.g. andesitic matrix; variably epidote- and hematite-rich, 1% qtz-carb veinlets (mm), 1-2% diss magnetite; unaltered except thin bleached zones (<10cm).					
35.6	47.6	12.0	ALTERED ANDESITE, lt.green-grey, bleached (kaolinitized, chloritized); abundant (10%) smokey grey-white chalcedonic silica veining; net textured in places but thicker (up to 1cm) veins have preferred orientation @ <30° to c.a.; 1-3% f.g. diss Py commonly enveloping chalcedonic silica veining; kaolinite on frac planes; locally mod.fractured (broken blocky core); alteration grades over 50 cm to unaltered andesite; @ 45.2-46.3m = spotted, related to well scattered 1-3mm clots of chlorite; magnetite less abundant in altered zones (poss.altered to pyrite).	24051	35.6	37.1	1.5	140
				24052	37.1	38.6	1.5	150
				24053	38.6	40.1	1.5	380
				24054	40.1	41.6	1.5	140
				24055	41.6	43.1	1.5	160
				24056	43.1	44.6	1.5	110

From	To	Int.	Geological Description	Sample No.	Fr.	To	Len.	Au ppb
				24057	44.6	46.1	1.5	220
				24058	46.1	47.6	1.5	120
47.6	57.6	10.0	MOD. TO SLIGHTLY ALTERED ANDESITE, similar to above except less altered, less chalcedonic veining;	24059	52.4	54.1	1.7	480
			@ 52.4-54.0m = epidote alteration and 5% Py in veins.	24060	54.1	55.6	1.5	400
57.6	59.1	1.5	ALTERED ANDESITE, brecciated, faulted (gouge, broken core); 20% chalcedonic silica veining,	24061	57.6	59.1	1.5	220
			veins show compositional layering; 1-2% Py.					
59.1	63.2	4.1	ANDESITE; med.green-grey, slightly bleached; tr diss Py; 5% grey chalcedonic qtz veinlets.					
63.2	64.8	1.6	ALTERED ANDESITE, slightly bleached but abundant qtz-carb-hem veining preferentially @ 30-50° to	24062	63.2	64.8	1.6	20
			c.a.; minor white kaolinite-calcite on frac slips; trace widely dispersed f.g. Py; locally					
			chloritic; @ 64.4-64.6m = ang.frag. of wallrock incorporated in qtz-carb.					
64.8	84.5	19.7	ANDESITE; various shades of reddish grey and greenish grey; mostly non-fragmental, f.g. to m.g.,	24063	68.0	69.3	1.3	<5
			massive andesite; some sections feldspar pyrrhic or with 5% small white calcite blebs; locally					
			weak bleaching, commonly chloritic, several 1-2cm epidote-rich zones; 1% white qtz-carb-hem veining;					
			3-5% diss Py; @ 69.0-72.0m = blocky broken core (faulted).					
84.5	88.5	4.0	ALTERED ANDESITE, bleached (kaolinitized, locally silicified); locally hematitic especially @	24064	84.5	86.0	1.5	180
			87.0-88.5m; 5% med.grey-milky white chalcedonic silica veining, locally brecciated (most abundant	24065	86.0	87.5	1.5	10
			@ 84.5-85.3m); veins commonly @ 40-60° to c.a.; trace v.f.g. diss Py, particularly on margins of	24066	87.5	88.5	1.0	<5

From	To	Int.	Geological Description	Sample No.	Fr.	To	Len.	Au ppb
			qtz veins; note, altered sections contain almost no magnetite.					
88.5	103.4	14.9	ANDESITE; mainly fragmental but several sections of massive f.g. flow rock; several thin (<1 m) slightly bleached sections; 1-2% white qtz-carb veinlets; @ 91.8-92.4m = more abundant qtz-carb-hem veining with epidote alteration and 1% pyrite; @ 99.7-103.4m = soft, brecciated, chloritic, hematitic, talcose (fault).	24067	91.8	92.4	0.6	90
				24068	99.7	101.2	1.5	<5
				24069	101.2	102.7	1.5	<5
				24070	102.7	103.4	0.7	10
103.4	131.0	27.6	ANDESITE; med.red-grey; flows (massive, f.g.) with only thin fragmental sections; several thin altered zones with sections of qtz-carb+hem veins and trace Py; also zoned chalcedonic veining; trace-2% diss magnetite; @ 103.8-107.4m = several fault gouge zones.	24071	117.5	118.2	0.7	<5
				24072	123.3	124.1	0.8	10
				24073	127.0	128.0	1.0	20
131.0	167.9	36.9	ANDESITE; med.reddish grey with green-grey sections; predominantly fragmental (note, frags are obscure, same composition as matrix); 1% v.thin carb veinlets (no chalcedonic silica veining); v.thin alteration zones (both kaolin-silica and epidote) except 135.1-136.9m; variably magnetite-bearing; @ 151.0-151.2m = fault zone (breccia, broken core), qtz-carb veining @ 60° to c.a.					
167.9	172.8	4.9	ALTERED ANDESITE, bleached (kaolinitized, silicified); 15% chalcedonic milky grey silica veining (10-20cm sections at 0.5-1.0 m intervals), brecciated; later episode of c.g. white qtz-carb veining; 1-2% v.f.g. diss Py; mod.fractured with chlorite-calcite on slips.	24074	167.9	169.4	1.5	100
				24075	169.4	170.9	1.5	20
				24076	170.9	172.8	1.9	<5
172.8	230.6	57.8	ANDESITE; very homogeneous unit; maroon-grey with green-grey patches; fragmental (flow breccia) with few thin massive sections; many frags are epidotized or hematized; locally magnetite-bearing;					

ASAMERA INC.

CINDY PROJECT

EXPENDITURE STATEMENT

For the Three Months Ended March 31, 1987

Geotechnical

Contract Work	\$ 6,278
Option Payments	<u>10,000</u>
Assays and Related Costs	1,771
Drilling	71,927
Supplies	211
	<u>90,187</u>

Transportation

Vehicle	763
Fuel	65
	<u>828</u>

Camp and General Administration

Camp Supplies & Consumables	262
Accommodations	419
Expediting and Warehousing	195
	<u>876</u>


TOTAL EXPENDITURES

\$91,891

GEOLOGICAL BRANCH
ADMINISTRATIVE REPORT

16,075

For Asamera Inc.:


P.P. DUNNE
CORPORATE CONTROLLER

April 16, 1987

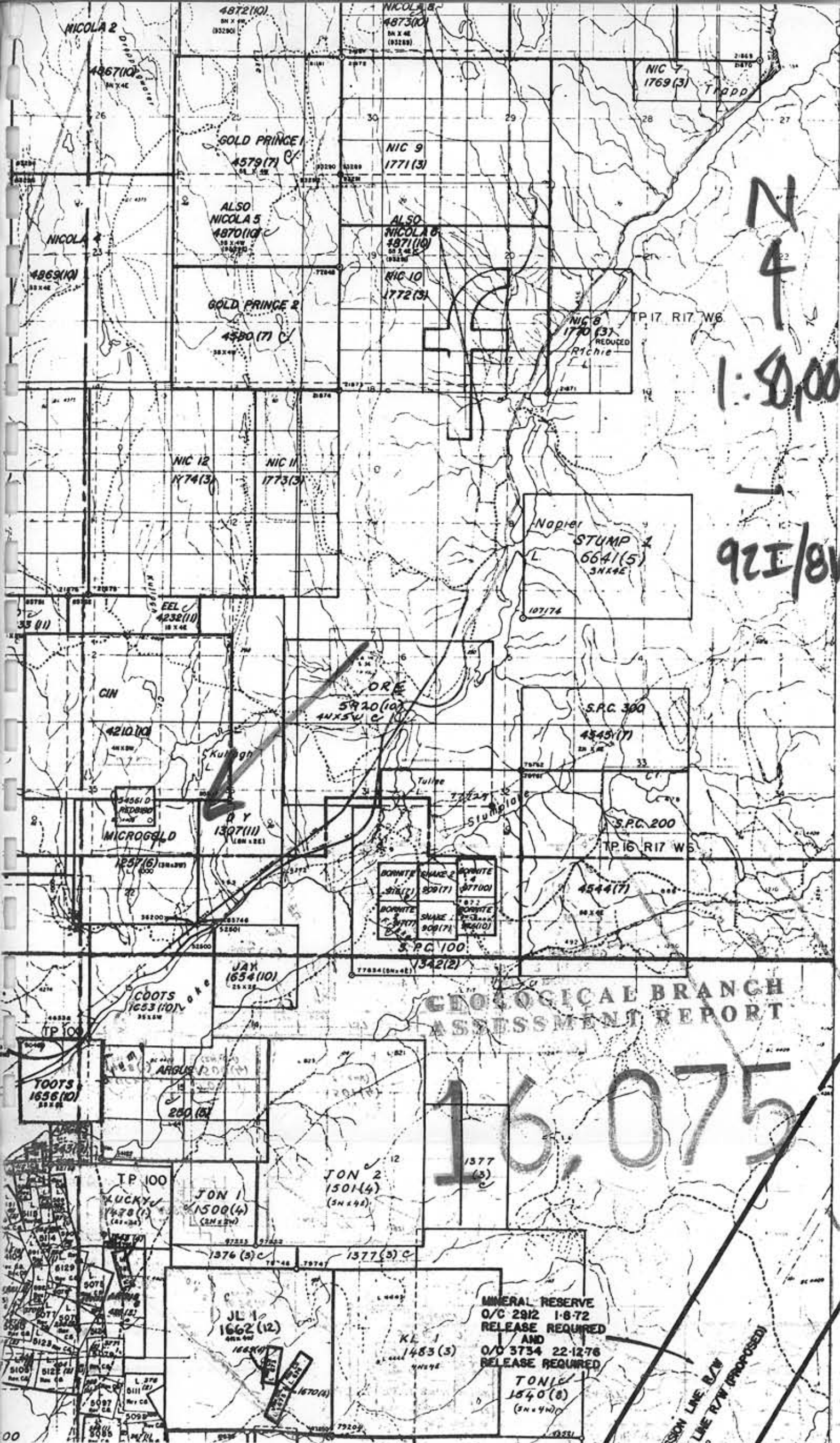
4/09/87
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PRELIMINARY 1

MINING
A.F.E. FISCAL YEAR TO DATE - EXPLODED
FOR MONTH ENDED MARCH 31, 1987

7296 CINDY PROPERTY

AFE #	AFE DESCRIPTION	ACTUAL CURRENT MONTH ADDITIONS	ACTUAL YTD
A 120	CONTRACT WORK	1,152.60	6,277.60 ^
A 140	OPTION PAYMENTS	10,000.00	10,000.00
A 160	ASSAYS & RELATED COSTS	1,771.00	1,771.00
A 170	DRILLING	71,927.58	71,927.58 ✓
A 200	SUPPLIES	.00	210.66 ^
***	AFE SUB TOTALS - A	84,851.18	90,186.84 ^
C 110	VEHICLE	.00	763.02
C 140	FUEL	.00	65.00
***	AFE SUB TOTALS - C	.00	828.02
D 110	CAMP SUPPLIES & CONSUMABLES	.00	261.74
D 120	ACCOMMODATION	.00	419.44
D 130	EXPEDITING AND WAREHOUSING	195.00	195.00
***	AFE SUB TOTALS - D	195.00	876.18
***	AFE TOTALS - 7296	85,046.18	91,891.04



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GEOLOGICAL BRANCH
ASSESSMENT REPORT

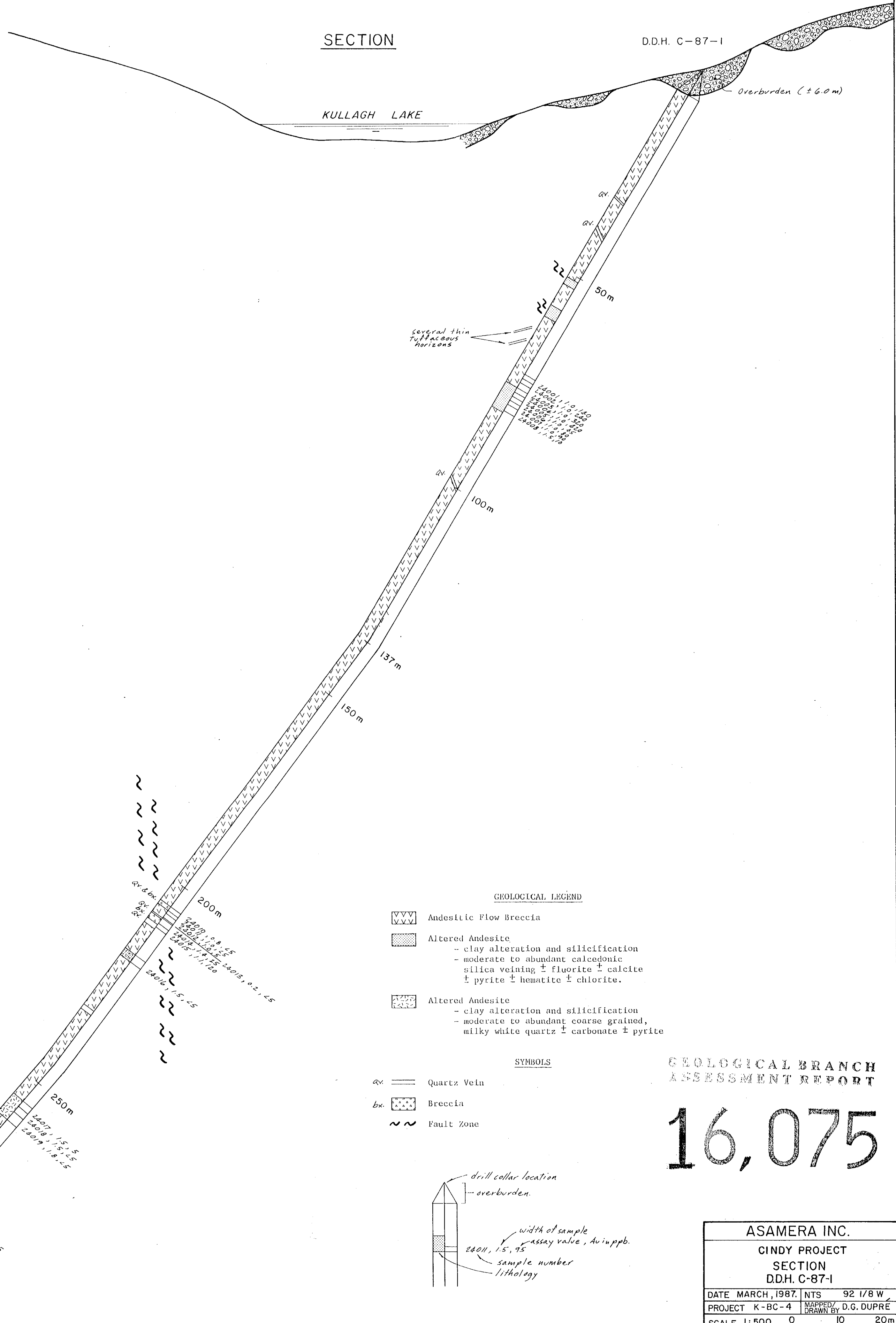
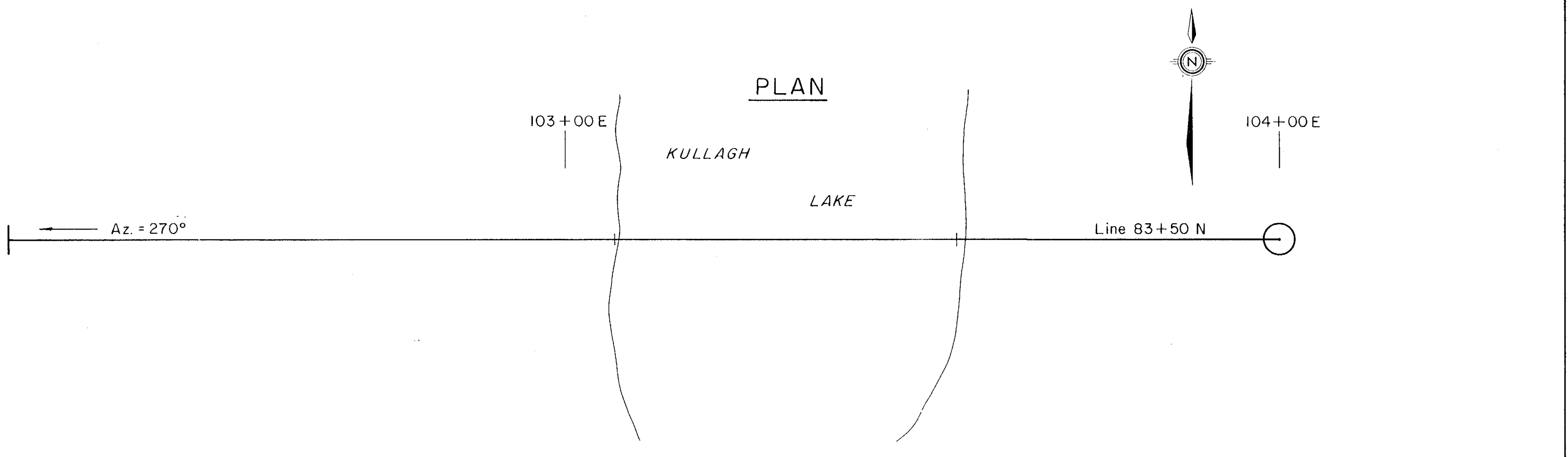
16,075

MINERAL RESERVE
O/C 2912 1-8-72
RELEASE REQUIRED
AND
O/O 3734 22-12-76
RELEASE REQUIRED

TONLE
1540 (8)
(SN 420)

TO EAST SEE MAP 38/1/86

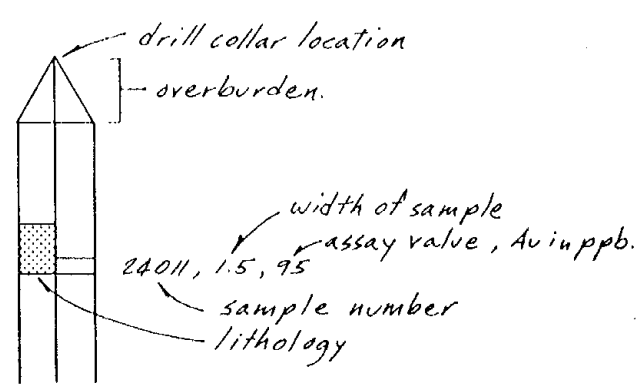
MIN LINE B/W
LINE R/W (PROPOSED)



- GEOLOGICAL LEGEND**
- Andesitic Flow Breccia
 - Altered Andesite
- clay alteration and silicification
- moderate to abundant calcedonic silica veining ± fluorite ± calcite ± pyrite ± hematite ± chlorite.
 - Altered Andesite
- clay alteration and silicification
- moderate to abundant coarse grained, milky white quartz ± carbonate ± pyrite
- SYMBOLS**
- Quartz Vein
 - Breccia
 - Fault Zone

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,075



ASAMERA INC.	
CINDY PROJECT	
SECTION	
D.D.H. C-87-1	
DATE MARCH, 1987.	NTS 92 1/8 W
PROJECT K-BC-4	MAPPED/DRAWN BY D.G. DUPRE
SCALE 1:500	0 10 20m
TAIGA CONSULTANTS LTD. FIG. 1	

PLAN

97+50 E

98+00 E

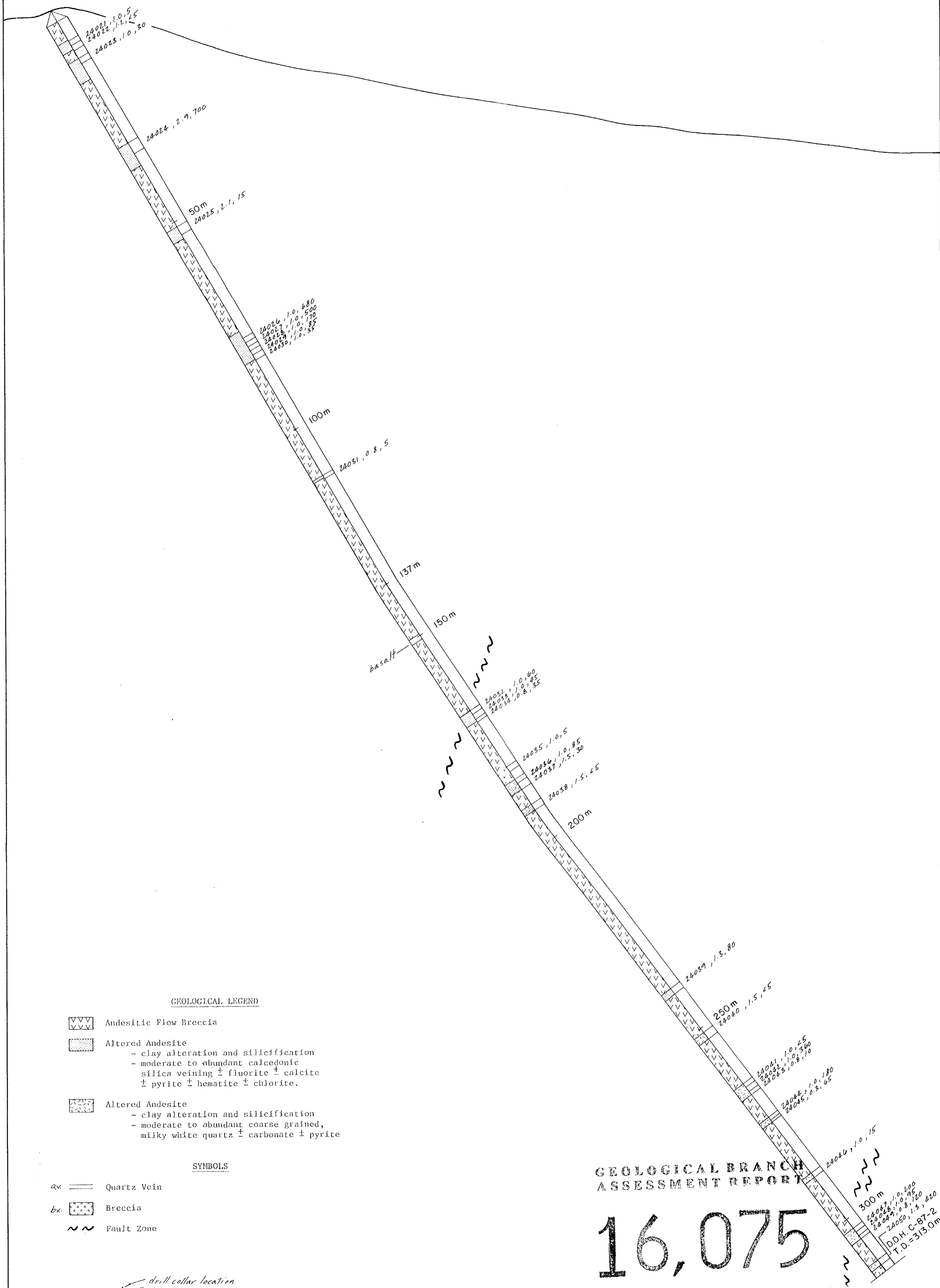
99+00 E

Line 77+50 N

Az. = 090°

SECTION

D.D.H. C-87-2

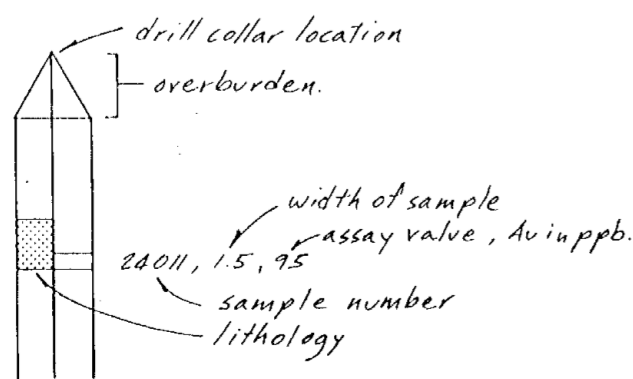


GEOLOGICAL LEGEND

- Andesitic Flow Breccia
- Altered Andesite
 - clay alteration and silicification
 - moderate to abundant calcedonic silica veining ± fluorite ± calcite
 - ± pyrite ± hematite ± chlorite.
- Altered Andesite
 - clay alteration and silicification
 - moderate to abundant coarse grained, milky white quartz ± carbonate ± pyrite

SYMBOLS

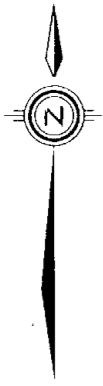
- Quartz Vein
- Breccia
- Fault Zone



GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,075

ASAMERA INC.	
CINDY PROJECT	
SECTION DDH. C-87-2	
DATE MARCH, 1987.	NTS 92 1/8 W
PROJECT K-BC-4	MAPPED/DRAWN BY D.G. DUPRE
SCALE 1:500	0 10 20m
TAIGA CONSULTANTS LTD.	FIG. 2



PLAN

97+75 E

98+00 E

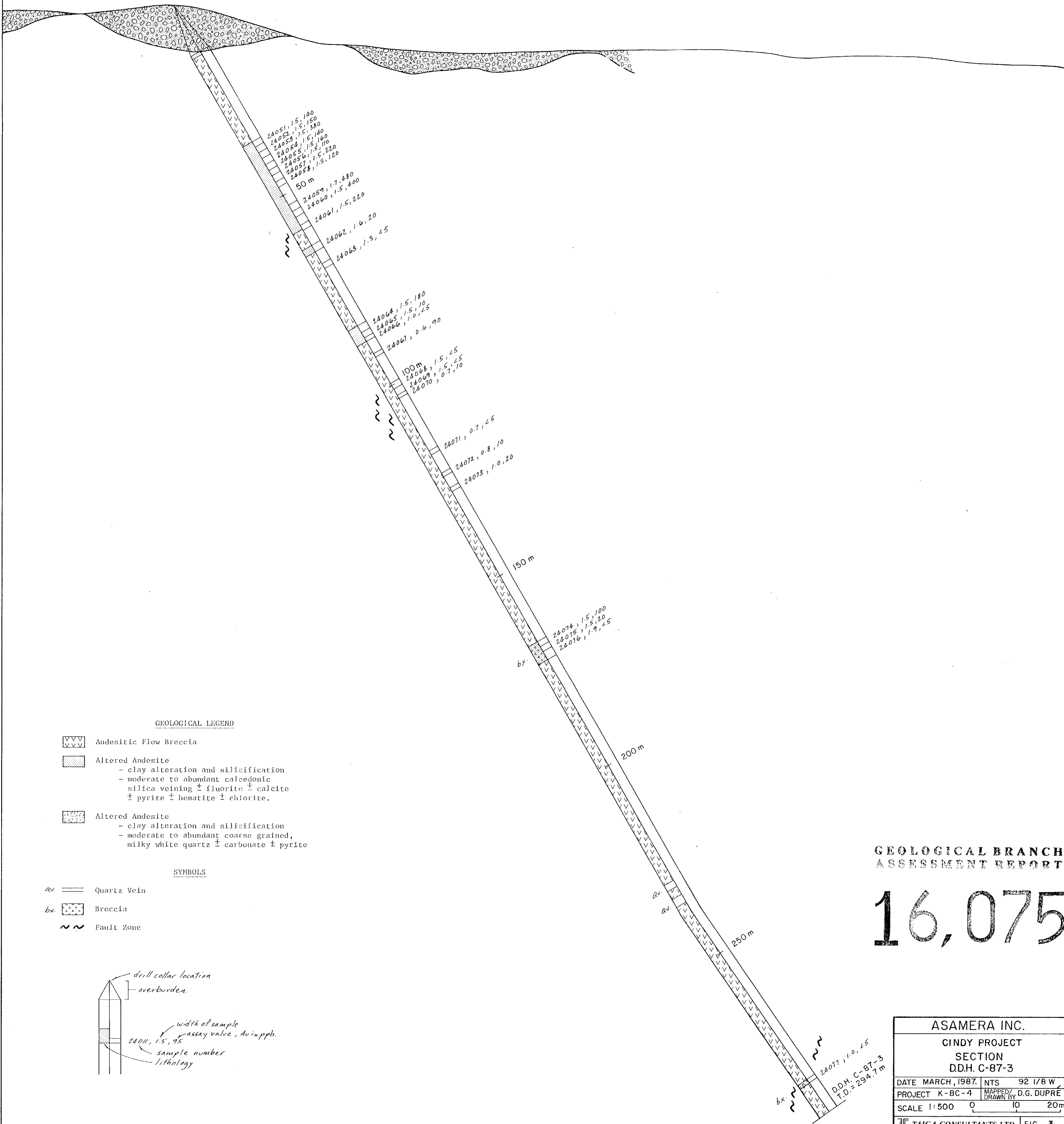
99+00 E

Line 74+50 N

Az. = 090°

SECTION

D.D.H. C-87-3

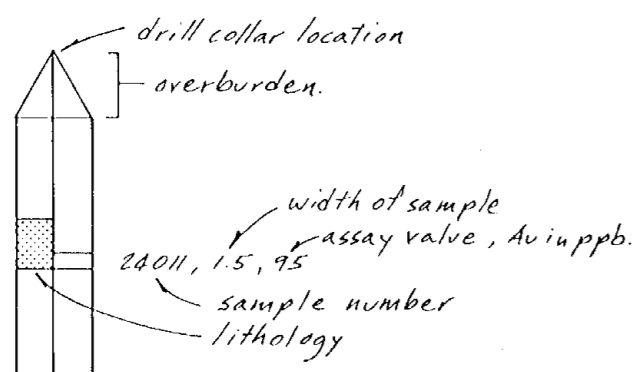


GEOLOGICAL LEGEND

- Andesitic Flow Breccia
- Altered Andesite
- clay alteration and silicification
- moderate to abundant calcedonic silica veining ± fluorite ± calcite ± pyrite ± hematite ± chlorite.
- Altered Andesite
- clay alteration and silicification
- moderate to abundant coarse grained, milky white quartz ± carbonate ± pyrite

SYMBOLS

- Quartz Vein
- Breccia
- Fault Zone



GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,075

ASAMERA INC.			
CINDY PROJECT			
SECTION			
DDH. C-87-3			
DATE	MARCH, 1987.	NTS	92 1/8 W
PROJECT	K-BC-4	MAPPED/DRAWN BY	D.G. DUPRÉ
SCALE	1:500	0	10 20m
TAIGA CONSULTANTS LTD. FIG. 3			