

83-#763 - 11726

12/84

December 1983

**DALMATIAN RESOURCES Ltd.**  
**TAY GROUP**

ALBERNI M.D.    NTS 92 F/6 W  
Lat. 49° 19' N    Long. 125° 15' W

**GEOLOGICAL BRANCH**  
**ASSESSMENT REPORT**

**11,726**

**ASSESSMENT REPORT**  
**1983 DIAMOND DRILLING PROGRAM**

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DALMATIAN RESOURCES LTD.

TAY GROUP

Port Alberni, B. C. Area

1. INTRODUCTION

Mr. F. Milakovich, the President of Dalmatian Resources Ltd., a Vancouver based private company, requested NVC Engineering Ltd. to organize and supervise the execution of a diamond drill program on the Tay group of claims.

The drill contract was awarded to D. J. Drilling of Surrey, B. C., a competent contractor, who employed a Longyear 38 drill.

Very adverse weather conditions somewhat hampered the drill moves and made the construction of access trails and drill sites very difficult.

The overall field supervision of the program, core logging and data evaluation was by V. Cukor, P. Eng., the author of this Report.

All assaying was done by General Testing Laboratories of Vancouver, B. C.

## 2. REVIEW

### 2.1 SUMMARY and CONCLUSIONS

The Tay gold property is underlain by a complex of rocks of magmatic origin - both extrusive and intrusive.

The gold bearing, approximately east-west trending quartz vein, persists over a length of over 200 feet. It is enveloped by intensely hydrothermally altered rock. The magnetic low anomaly which, in the showing area, overlies the vein structure, however, extends both to the east and west, well beyond the present proven limits of the quartz vein.

The assay results from both the samples of the surface showing and the drill core, although erratic, returned some very good values. The highest result was obtained from the section in DDH 83-3, assaying .704 oz/ton gold.

It is the author's opinion that the property is a good exploration target and further exploration attempts are fully justified.

### 2.2 RECOMMENDATIONS

The exploration of the property should continue with the first priority being the probing for the additional length of the mineralized structure. This should be accomplished by further diamond drilling.

Two alternatives exist for selection of drill sites.

2. REVIEW (CONT'D)

2.2 RECOMMENDATIONS (Cont'd)

Drilling from north to south would allow cutting of the structure at the most favourable angle, but would create difficulties in drill site and access trails construction due to the rough terrain. In most instances it would also call for drilling of fairly long holes. The other alternative is drilling from the south, following the dip of the vein. In this case a specially equipped drill should be used, which would allow drilling of shallow angle holes at about  $-20^{\circ}$  to  $-30^{\circ}$ .

For the next stage, a minimum of 2,000 feet of drilling should be planned.

2.3 COST ESTIMATE

The following costs are estimated to be necessary for completion of the recommended program:

Diamond drilling, 2,000 feet @ \$20/foot	\$ 40,000
Bulldozer work, 80 hrs. @ \$75/hr.	6,000
Mobilization and demobilization	5,000
Geological supervision and core logging	7,500
Transportation and communications	2,000
Room and board	5,000
Assays	1,500
Data compilation and final report	<u>5,000</u>
Subtotal	\$ 72,000
Contingencies & Inflation	<u>8,000</u>
TOTAL recommended budget	<u><u>\$ 80,000</u></u>

### 3. PROPERTY

#### 3.1 LOCATION

The Tay claim group is located on the southwestern part of Vancouver Island. The claims straddle Taylor River, about 3 kilometers west of Sproat Lake. The southern part of the claims crosses Provincial Highway No. 4, which leads to Tofino from Port Alberni.

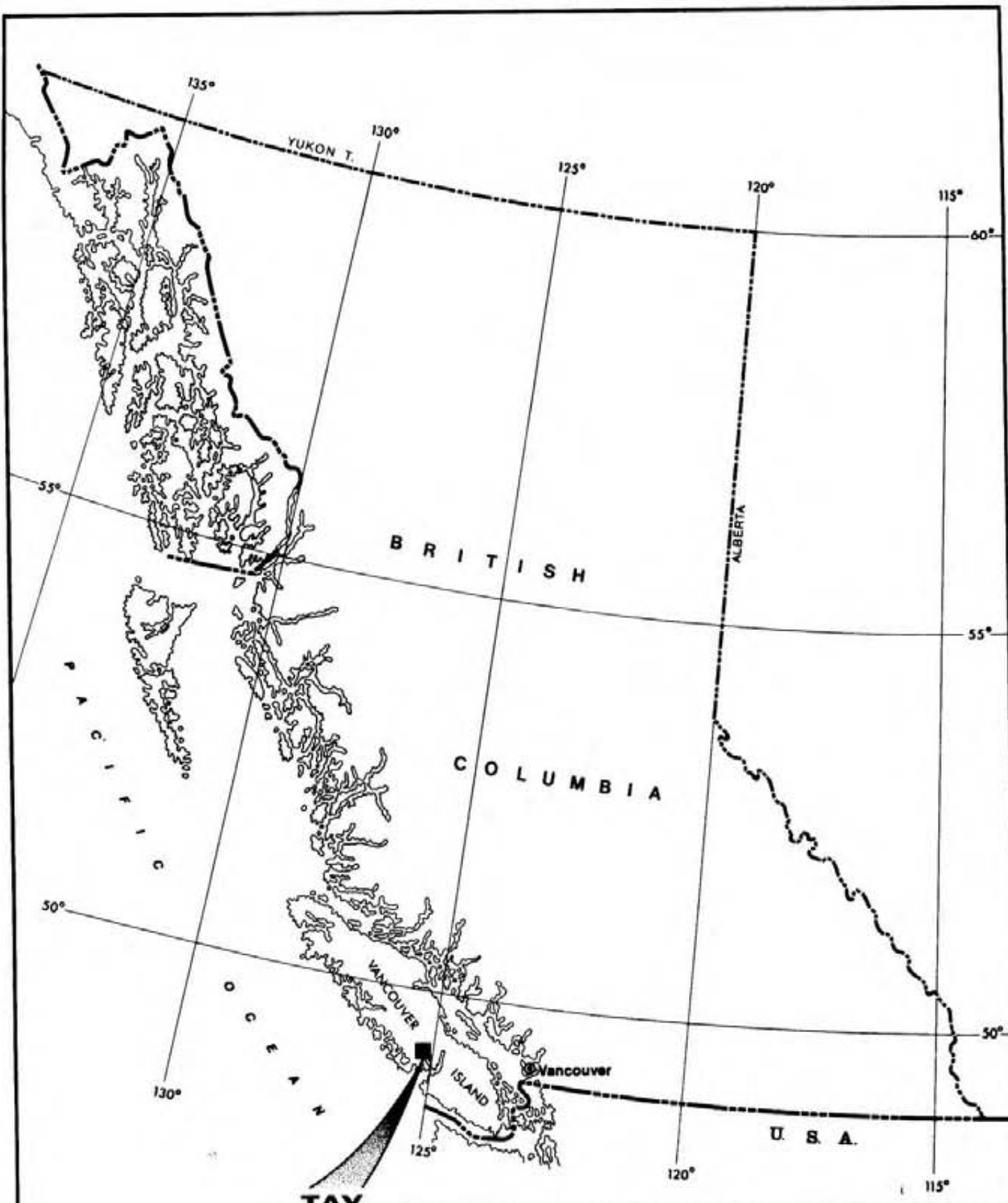
The property is in the Alberni Mining Division, at NTS 92 F/6W. The claims are centered at latitude  $49^{\circ} 19'$  north and longitude  $125^{\circ} 15'$  west. Along the eastern boundary they adjoin crown granted claims which, in the past, were part of the "Morning" and "Apex" groups. The general location of the property is shown on Figures 1 and 2.

#### 3.2 ACCESS

The property is readily accessible from Port Alberni via paved Provincial Highway No. 4, which crosses the southern part of the claims.

A number of forestry roads, constructed in the past, crisscross various parts of the claims. However numerous washouts, caused by heavy runoff, appear in various locations and the roads need fairly extensive repair work.

The closest supply center is Port Alberni, approximately 40 kilometers to the east, which in turn has a good connection with Vancouver via Nanaimo and/or Victoria.



**TAY GROUP**

**DALMATIAN RESOURCES Ltd.**

**TAY GROUP  
GENERAL LOCATION MAP**

ALBERNI M.D.

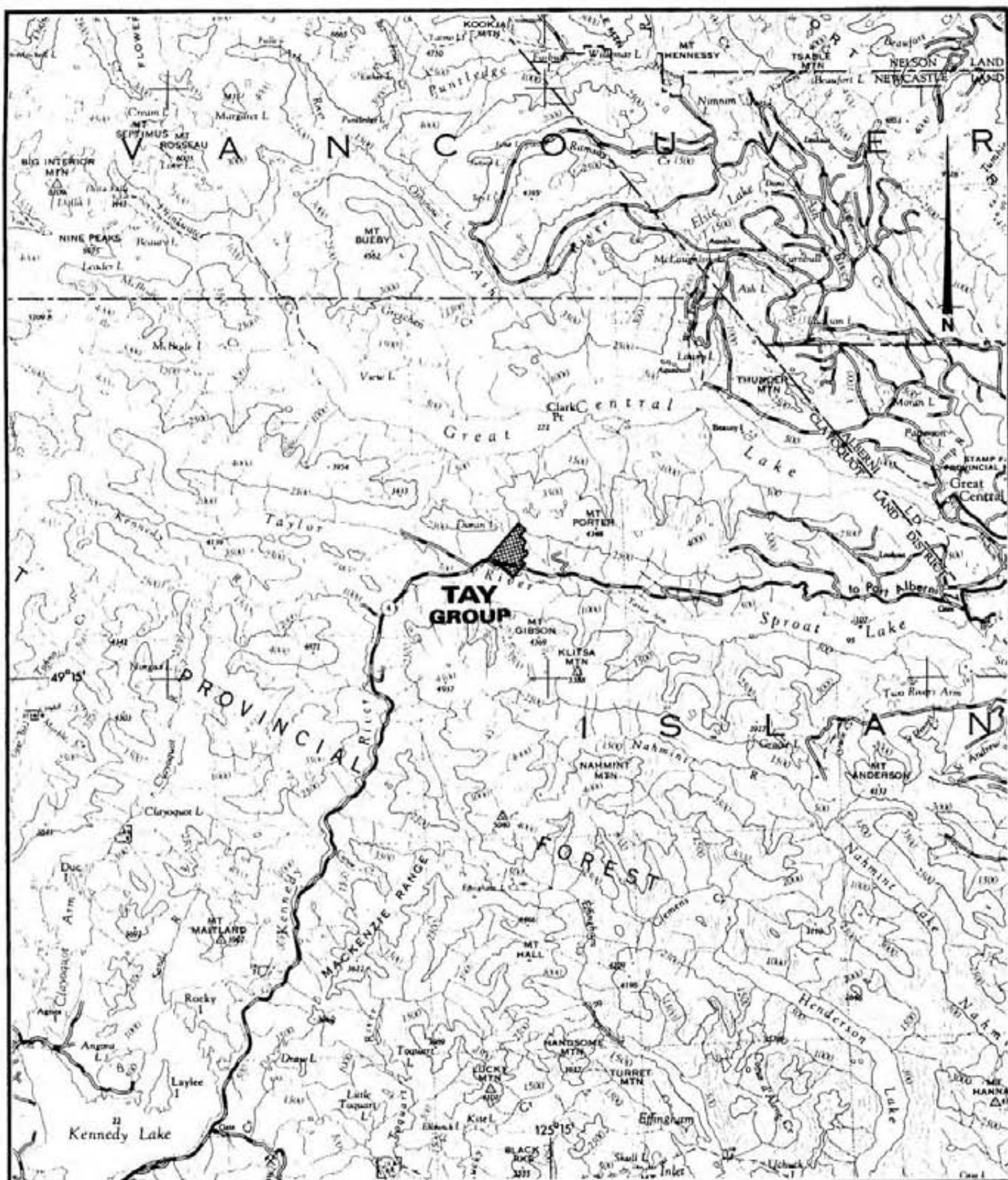
NTS 92F/6W

V.CUKOR, P.Eng. - NVC ENGINEERING Ltd. - VANCOUVER, B.C.

DATE: Dec. 1983

SCALE: 0 100 miles

FIG. 1



1:250 000

**DALMATIAN RESOURCES Ltd.**

**TAY GROUP  
CLAIM LOCATION MAP**

ALBERNI M.D. B.C.

NTS 92F/6W

V.CUKOR, P.Eng. - NVC ENGINEERING Ltd. - VANCOUVER, B.C.

DATE: Dec. 1983

SCALE: 0 5km

FIG. 2



3. PROPERTY (CONT'D)

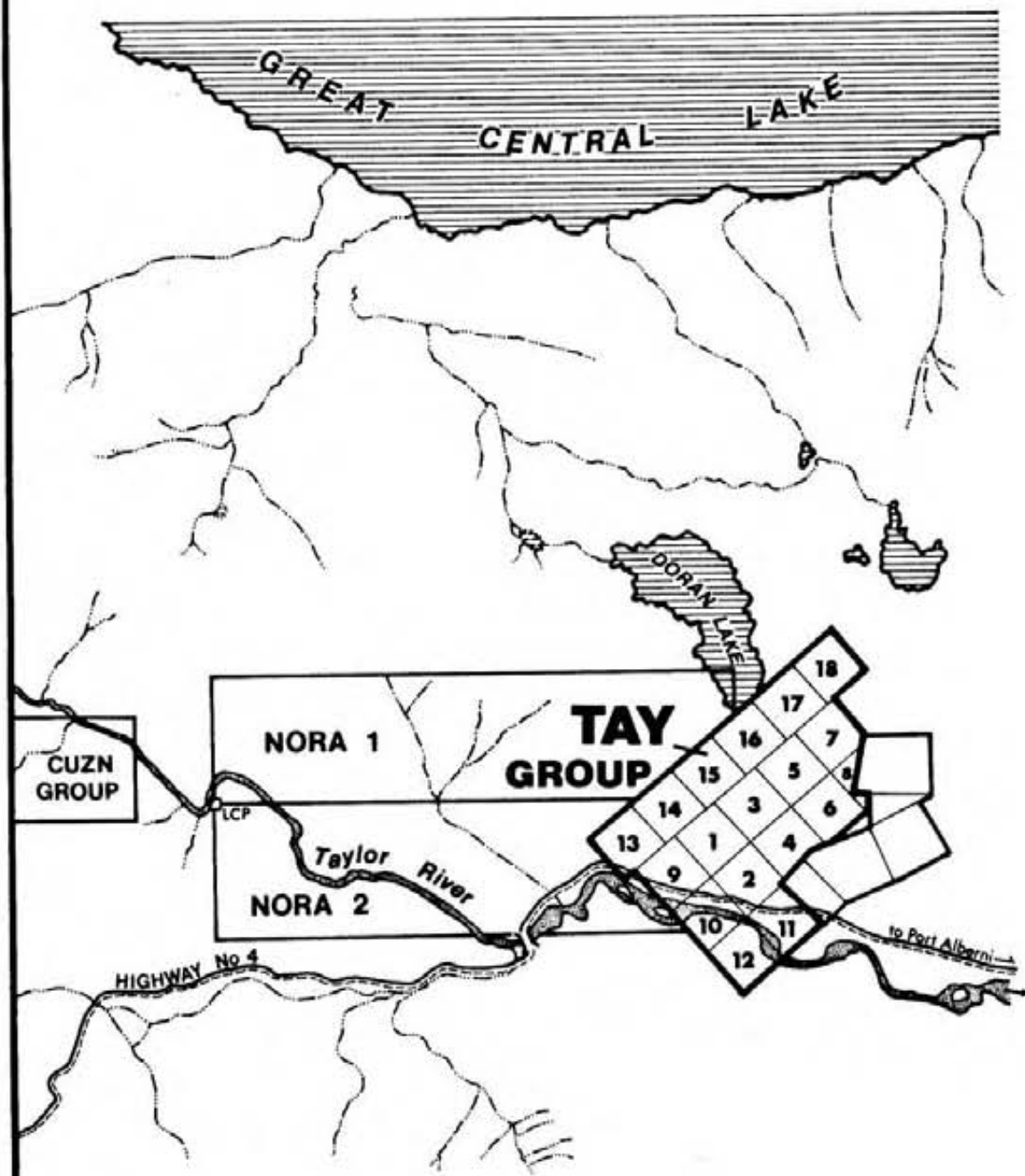
3.3 CLAIMS

The Tay claim group consists of 18 full size, contiguous mineral claims. The claim names, record numbers and anniversary dates are as follows:

<u>Claim</u>	<u>Record No.</u>	<u>Anniversary Date</u>
Tay 1-8 (incl.)	173 - 180	March 17
Tay 9-12 (incl.)	368 - 371	February 14
Tay 13-18 (incl.)	372 - 377	February 14

All claims were located on the two post system, and in the past the author has examined the claim posts and location lines. Although the location lines are obliterated locally, the staking was done in accordance with the British Columbia Mineral Act Regulations.

The Tay claims were originally located on behalf of F. Milakovich, who in turn transferred 100% interest to Dalmatian Resources Ltd. The claims are shown on the Claim Map appended to this Report as Figure 3.



<b>DALMATIAN RESOURCES Ltd.</b>			
<b>TAY GROUP CLAIM MAP</b>			
ALBERNI M.D., B.C.		NTS 92 F/6W	
V. CUKOR, P.Eng. - NVC ENGINEERING Ltd. - VANCOUVER, B.C.			
DATE:	Dec. 1983	SCALE: 0 500 1000 meters	FIG. 3

3. PROPERTY (CONT'D)

3.4 TOPOGRAPHY and CLIMATE

The Tay group of claims occupies the northern side of the Taylor River valley and is spread over elevations of 60 metres to 750 metres above sea level. From the narrow valley floor a gentle slope rises northward for a distance of approximately 400 metres, where barren bluffs start. Between elevations of 450 and 600 metres the slope gradually flattens into plateau.

Between the valley bottom and the plateau, several horizontal benches were formed by a combination of horizontal and vertical fracturing, erosion and infill of glacial material.

The climate of the area is characterized by hot summers and mild winters, and high atmospheric precipitation. Snow cover is usually light, but in some extremes it can exceed 4 feet of packed snow by the end of winter. Several small streams provide sufficient water for exploration purposes.

The lower part of the property has been logged off and subsequently replanted. The higher elevations are covered by a thick forest of large cedar and fir trees. Sporadically there is thick growth of underbrush.

#### 4. GEOLOGY

The regional geology of the property area is shown on the GSC Map 17-68 appended to Paper 68-50 by G. E. Muller. Detailed mapping of the Tay claims was done in 1979 by G. Keyte. Results of this mapping are described in detail in the Report by V. Cukor dated January, 1980, which was filed as an Assessment Report.

Accordingly, the property is underlain by massive, andesite volcanics, intruded by irregular stocks of diorite magmatic rocks. At least one gold bearing quartz vein is present on the property which was the subject of intermittent exploration activity since 1979. Gold values received from surface sampling and diamond drill core ranged from trace to .704 oz/ton and showed erratic distribution along the mineralized structure.

This year's results are better described in the next chapter.

## 5. DIAMOND DRILLING

### 5.1 GENERAL DESCRIPTION

A total of 1,431 feet of B.Q. diamond drilling was performed in 6 holes drilled from four setups. Of the 6 holes completed, 3 were drilled with the intention of continuing exploration of the extension of the known mineralized structure; two of them intersected quartz vein.

Because of the rough terrain and the sloppy clay soil saturated with water after an extremely wet season, only limited movements with the drill were possible. This resulted in the selection of drill sites on the best available locations on old trails and logging roads rather than the optimum positions with respect to the geological structure. This resulted in three holes exploring the mineralized structure being drilled from south to north, down dip of the quartz vein. This is also most likely the reason why hole 83-4 did not intersect the vein.

The drill contract was awarded to D. J. Drilling of Surrey, B. C., a competent contractor. The wireline Longyear 38 drill was used and the size of core recovered was B.Q.. A J.D. 450 bulldozer was supplied by the contractor to assist in drill site construction and drill moves.

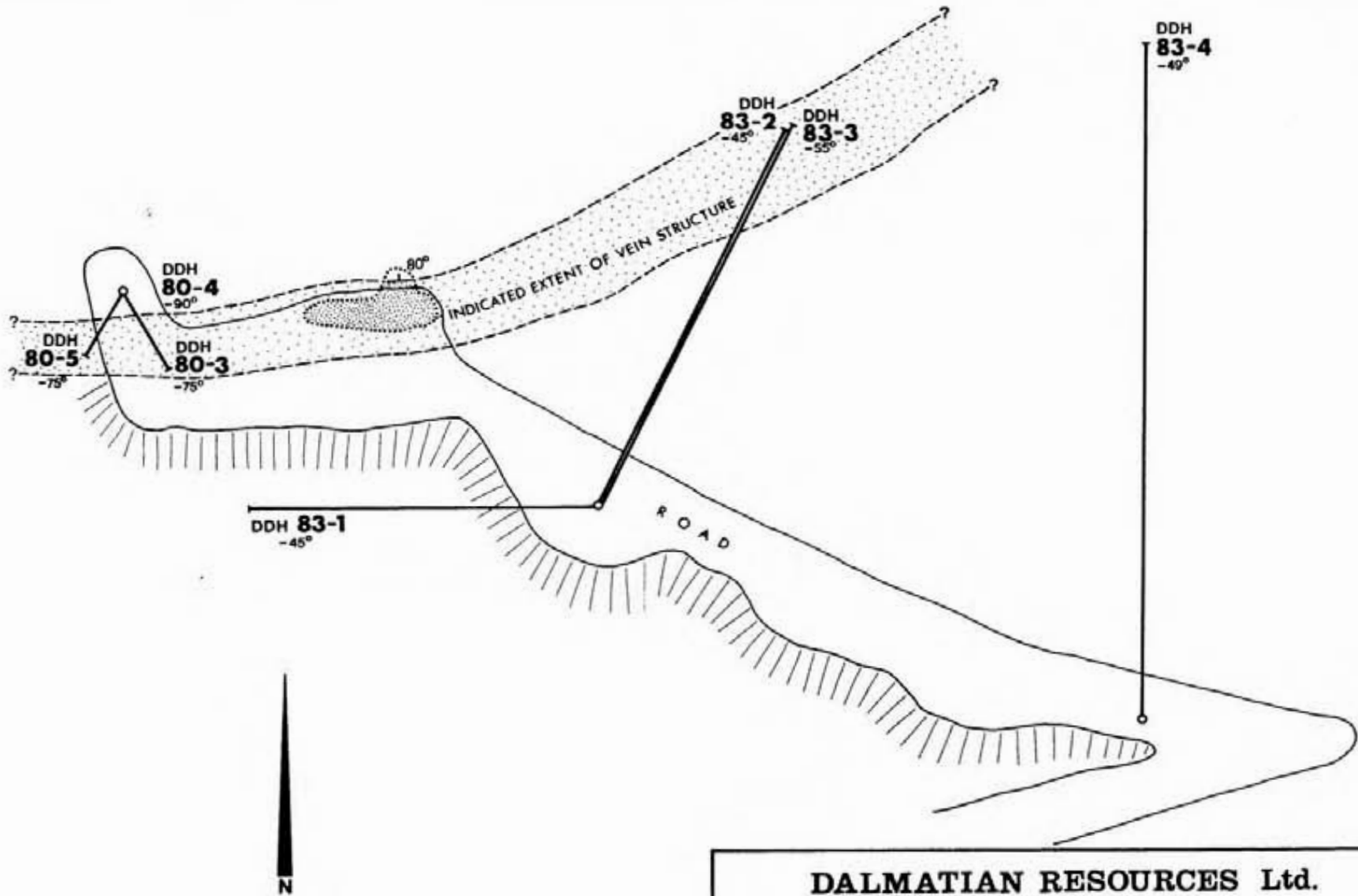
5. DIAMOND DRILLING (CONT'D)

5.2 RESULTS

As mentioned, only three of the holes drilled were designed to explore the previously known mineralized structure. Two holes, 83-2 and 83-3 intersected the quartz vein while the third hole (83-4) failed to reach the structure.

Although the surface showing appears to consist of a single mineralized quartz vein, drill results so far indicate that the vein is split into two or even three zones separated by horsts of bleached and intensely hydrothermally altered andesite (and/or locally diorite). In hole 83-3 this horst zone was sampled by chips taken at approximately 1 foot intervals and was geochemically assayed. The results received were good enough to warrant splitting and assaying the whole zone. This work is now in progress.

The quartz veins are in average well fractured to brecciated and well mineralized with sulfides - mostly fine-grained. Pyrite, arsenopyrite and very minor chalcopyrite were recognized. Although one section assayed as high as .704 oz/ton gold and also some silver, no silver or gold bearing minerals were found. Of the gangue minerals (besides quartz) large calcite crystals are found in abundance, as well as chlorite and sericite. Locally, some kaolinite gouge is found



**DALMATIAN RESOURCES Ltd.**

**TAY GROUP  
DRILLING PLAN**

ALBERNI M.D.

NTS 92 F/6W

V.CUKOR, P.Eng. - NVC ENGINEERING Ltd. - VANCOUVER, B.C.

DATE: Dec. 1983

SCALE: 0 5 10 meters

FIG. 4

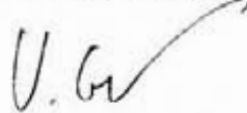
5. DIAMOND DRILLING (CONT'D)

5.2 RESULTS (Cont'd)

as well. So far the indicated length of the whole structure is in the order of over 200 feet.

Detailed drill logs and assay logs of results obtained to date are appended at the end of this Report, but further study of core and additional sampling is still in progress.

Respectfully submitted,



V. Cukor, P. Eng.  
NVC ENGINEERING LTD.

December, 1983



APPENDIX 1

DIAMOND DRILL RECORDS and ASSAY LOGS

# DIAMOND DRILL RECORD

COMPANY DALMATIAN RESOURCES LTD.

PROPERTY TAY Claims

**NVC engineering Ltd.**  
VANCOUVER, B.C.

Hole No. 83-1  
Date Begun Oct. 27, 1983  
Date Finished Oct. 29, 1983  
Drill Longyear 38  
Core Size B. Q.

Lat. \_\_\_\_\_ Total Depth 136 feet  
Dep. \_\_\_\_\_ Logged by V. Cukor  
Bearing 270° Date Nov. 14, 1983  
Elev. Collar \_\_\_\_\_ Claim TAY 2  
Dip -45°

DEPTH	Core Recovered		DESCRIPTION	SAMPLE No.
	Feet	%		
0 - 8	-	-	No core, casing.	
8 - 83	58	77	Andesite, medium grained to porphyritic, dark grey to greenish gray. Rock is locally intensively silicified. Silica appears as fracture filling and as flooding. Rock is mostly solid and well recovered, but in some sections it is broken up in small fragments. Such sections are generally from 20 - 45 feet, where only about 10 feet of core was recovered. Toward the end of the interval carbonate, feldspar and sulfides occupy fractures and vugs. Sulfides also appear as fine grained disseminations.	0776
83 - 93	10	100	Diorite dyke with horst of andesite from 87-89 feet. The rock is solid and well recovered. It is medium grained and contains some disseminated pyrite. Contacts to andesite are more or less gradational.	0777
93 - 136	43	100	Andesite mixed with short sections of diorite. Quartz veinlets appear throughout, but especially in the area from 110 to 120 feet. At 112 feet is a 6" wide irregular quartz-carbonate vein. Some sulfides appear at the start of the interval, but are diminishing toward the middle of the zone. No sulfides were observed toward the end of the hole.	
136			End of hole.	

# ASSAY LOG

COMPANY DALMATIAN RESOURCES LTD. PROPERTY TAY Claims HOLE No. 83-1

**NVC engineering ltd.** ASSAYED by General Testing Laboratories DATE \_\_\_\_\_  
 VANCOUVER, B.C.

SAMPLE No.	From	To	Feet	ppm Au.	ppm Ag.						
0776	76	83	7	.30	1.19						
0777	83	87	4	.03	1.63						

# DIAMOND DRILL RECORD

COMPANY DALMATIAN RESOURCES LTD.

PROPERTY TAY Claims

Hole No. 83-2  
 Date Begun Oct. 30, 1983  
 Date Finished Oct. 31, 1983  
 Drill Longyear 38  
 Core Size B. Q.

Lot. \_\_\_\_\_ Total Depth 169 feet  
 Dep. \_\_\_\_\_ Logged by V. Cukor  
 Bearing 35° Date Nov. 15, 1983  
 Elev. Collar \_\_\_\_\_ Claim TAY 2  
 Dip -45°

**NVC engineering ltd.**  
 VANCOUVER, B.C.

DEPTH	Core Recovered		DESCRIPTION	SAMPLE No.
	Feet	%		
0 - 10	-	-	No core, casing.	
10 - 23	12	92	Andesite, dark grey, fractured, with abundant quartz veining. Most of core is recovered as fragments or short pieces. Several zones with quartz and/or feldspar appear throughout.	
23 - 24	1	100	Quartz vein, fractured; chlorite and epidote in fractures. Upper contact is sharp, at 50° to C. A.; bottom contact is irregular and marked by about 2" wide brecciated zone. Some minor pyrite noted throughout.	
24 - 26	2	100	Andesite with quartz-feldspar zones.	
26 - 27.7	1.7	100	Quartz-feldspar-epidote-chlorite vein, with inclusions of andesite fragments. Some minor sulfides, very fine grained are scattered throughout.	0801
27.1 - 91	63.3	100	Andesite, dark grey, locally greenish from epidote and/or chlorite content. Some quartz appears throughout within the fractures and as cement in brecciated sections. At 48 feet, there is a 3" zone of brecciated quartz. At 55 feet is a 1 foot wide zone with abundant chlorite. At 60 feet, 2" of irregular quartz vein with dark chlorite. From 61 to 63.5 feet is more fractured rock with quartz veinlets, and the last foot is brecciated, with quartz, feldspar and chlorite in cement. From 73 - 75 feet appears some epidote and chlorite in silicified zone (whole section is light greenish colour). From 84 to 86 feet andesite is porphyritic with feldspar phenocrysts up to 3 mm. large.	0802

DEPTH	Core Recovered		DESCRIPTION	SAMPLE No.
	Feet	%		
91 - 98	7	100	Quartz vein, brecciated and fractured, with feldspar crystals and bands of sulfides. Some pyrite also appears as disseminations and it often occupies small vugs.	0803
98 - 100	2	100	Tuffaceous andesite, bleached, altered, still with some sulfides, as disseminations and as fracture filling.	0804
100 - 149	49	100	Andesite, mostly porphyritic, with feldspar phenocrysts in dark ground mass. Some sections of bleached, tuffaceous rock are also present as well as small sections of silicified intrusive rock. At 102 feet is a 3" zone of fault gouge. Narrow fractures are filled with quartz epidote and sulfides, mostly at 30-50° to C. A. Zones with more intensively fractured rock are at 120 - 122 feet and 125 - 128 feet. Sulfide rich zone is at last 2 feet of interval.	0778 0805
149 - 162	13	100	Tuffaceous, bleached, intensively altered rock, brecciated with abundant quartz and sulfides. At 150 feet is 3" of fault gouge. Prominent is fracturing at 20 - 25° to C. A., which is controlling quartz-sulfide mineralization.	0806 0807
162 - 169	7	100	Andesite, dark grey, fine grained, intensively fractured quartz and chlorite appear usually along fractures. Sulfide content has sharply dropped beyond the silicious zone.	0808
169			End of hole.	

# ASSAY LOG

COMPANY DALMATIAN RESOURCES LTD. PROPERTY TAY Claims HOLE No. 83-2

**NVC engineering Ltd.**  
VANCOUVER, B.C.

ASSAYED by General Testing Laboratories DATE \_\_\_\_\_

SAMPLE No.	From	To	Feet	oz/t Au.	oz/t Ag.		ppm Au.	ppm Ag.			
0801	26	28	2	.004	.05						
0802	89	91	2	.004	.05						
0803	91	98	7	.047	.10						
0804	98	100	2	.009	.08						
0778	109	115	6				.04	1.26			
0805	147	149	2	.041	.08						
0806	149	155	6	.093	.20						
0807	155	162	7	.012	.03						
0808	162	164	2	.007	.03						

# DIAMOND DRILL RECORD

COMPANY DALMATIAN RESOURCES LTD.

PROPERTY TAY Claims

Hole No. 83-3  
 Date Begun Oct. 31, 1983  
 Date Finished Nov. 2, 1983  
 Drill Longyear 38  
 Core Size B. Q.

Lat. \_\_\_\_\_ Total Depth 208 feet  
 Dep. \_\_\_\_\_ Logged by V. Cukor  
 Bearing 35° Date Nov. 15, 1983  
 Elev. Collar \_\_\_\_\_ Claim TAY 2  
 Dip -55°

**NVC engineering ltd.**  
 VANCOUVER, B.C.

DEPTH	Core Recovered		DESCRIPTION	SAMPLE No.
	Feet	%		
0 - 10	-	-	No core, casing.	
10 - 16.5	5	77	Dark andesite, fine grained, fractured, with quartz epidote and chlorite along fractures.	
16.5 - 17.5	.5	50	Quartz vein, fractured and recovered as small fragments.	
17.5 - 30.5	12	92	Andesite, dark grey, fine grained, fractured. Most of the fractures are filled with quartz and epidote. Some prominent fracturing and veining is at 17 - 20' to C. A. Fine grained sulfides are present along the section. At 266' there is 7" wide zone of quartz-chlorite. At 29' to 29.5' there is quartz filled fracture with some chlorite.	
30.5 - 33	2	80	Quartz vein, brecciated, with epidote, chlorite and minor sulfides. Both contacts to wall rocks are irregular.	
33 - 107	70	95	Andesite, dark grey, fine grained in some places and porphyritic at others. From 39' to 42' is zone of silicified and bleached rock, highly chloritized. 49' - 54' is brecciated and silicified zone with chlorite, epidote and sulfides. The same is at 56' - 57.5' where some feldspar appears. At 60.3' to 60.6' is a quartz-feldspar vein with irregular contacts at about 20° to C. A. At 79' there is 2" vein of quartz-feldspar at 40° to C. A. From 80' on, zones of sulfide and quartz feldspar alterations with epidote and chlorite are becoming more frequent. At 102' starts a zone of intensive hydrothermal	

DEPTH	Core Recovered		DESCRIPTION	SAMPLE No.
	Feet	%		
			alterations, bleached, silicified, chloritized, with sulfides along fractures and as fine grained disseminations.	0809
107 - 113	6	100	Quartz vein, brecciated, with sulfides abundant in fractures and as disseminations. Large calcite crystals are present as well. The upper contact has a kaolinite gouge. Vein is at 20° to C. A.	0810 0811
113 - 179	64	97	Andesite, altered hydrothermally and still well mineralized by sulfides. Intensive fracturing is parallel to C. A. and changing the angle to 30° to C. A. This fracturing is prominent from 123' to 160'. At 142' to 145' is a fault gouge, and from 142' to 144' is a narrow quartz vein at shallow angle to C. A. Sulfide content is locally quite high. Some rock has the appearance of hydrothermally altered diorite. The veining, fracturing, quartz, sulfides and altered rock extend to the end of interval, which ends with 1' of fault gouge.	0812 0779 0780 0781 0782 0783
179 - 199	20	100	Quartz vein, very brecciated and fractured and well mineralized by sulfides. Both contacts are sharp; upper contact at 15° to C. A. and lower contact at 20°. Some gouge appears locally in fractures. Some core is fractured and recovered in fragments.	0813 0814 0815 0816 0817
199 - 208	9	100	Andesite, fine grained, fractured, with hairline quartz veinlets. In first two feet of interval rock is hydrothermally altered, silicified and bleached. In the remainder of the zone the rock is dark and relatively unaltered. Some sulfides are still present in fractures.	0818
208			End of hole.	



# ASSAY LOG

COMPANY DALMATIAN RESOURCES LTD.

PROPERTY TAY Claims

HOLE No. 83-3

**NVC engineering ltd.**  
VANCOUVER, B.C.

ASSAYED by General Testing Laboratories

DATE \_\_\_\_\_

SAMPLE No.	From	To	Feet	oz/t Au.	oz/t Ag/		ppm Au.	ppm Ag.			
0809	104	106	2	.004	.03						
0810	106	110	4	.025	.05						
0811	110	115	5	.040	.06						
0812	115	118	3	.018	.03						
0779	129	139	10				.37	.81			
0780	139	149	10				.56	1.11			
0781	149	159	10				4.30	1.93			
0782	159	169	10				3.00	2.45			
0783	169	177	8				2.10	2.15			
0813	177	179	2	.234	.20						
0814	179	184	5	.142	.15						
0815	184	189	5	.704	.35						
0816	189	194	5	.247	.20						
0817	194	199	5	.074	.08						
0818	199	203	4	.007	.03						

# DIAMOND DRILL RECORD

COMPANY DALMATIAN RESOURCES LTD.

PROPERTY TAY Claims

Hole No. 83-4  
 Date Begun Nov. 3, 1983  
 Date Finished Nov. 5, 1983  
 Drill Longyear 38  
 Core Size B. O.

Lat. \_\_\_\_\_ Total Depth 287 feet  
 Dep. \_\_\_\_\_ Logged by V. Cukor  
 Bearing 360° Date Nov. 16, 1983  
 Elev. Collar \_\_\_\_\_ Claim TAY 2  
 Dip -49°

**NVC engineering ltd.**  
 VANCOUVER, B.C.

DEPTH	Core Recovered		DESCRIPTION	SAMPLE No.
	Feet	%		
0 - 24	-	-	No core, casing.	
24 - 124.8	100	99	Andesite, dark, greenish grey, with some feldspar crystals in fine grained, dark ground mass. Locally, feldspar phenocrysts are developed up to 3 - 4 mm. in size giving the rock porphyritic texture. Rock is fractured and fracture plains are aligned with quartz. Some calcite veinlets are present as well. Locally zones of quartz, sulfides and secondary feldspar appear accompanied usually with some epidote and abundant chlorite. Such zones are at 55', 60 - 61', 64 - 66', 70 and 79'. Most of fracturing in this area seems to be at 30° to 40° to core axis. From 74 to 75' is a zone of badly fractured rock. At 90 - 96' rock is porphyritic, silicious and lighter grey colour.	0784
124.8 - 139.8	15	100	Diorite, medium grained, locally fractured. Upper contact is sharp at 55° to core axis; the lower contact is gradational. Some disseminated sulfides are found throughout the zone. Rock is mostly solid, with some hairline fractures filled with quartz.	0785
139.8 - 208	66.8	98	Andesite, locally intensively altered, fractured and healed with quartz. Zones of bleached rock, silicification, secondary feldspar, and disseminated sulfides are found throughout. From 186' to 187.5' is broken zone with some secondary feldspar and abundant chlorite. The same appears at 191.5'. From 197' rock is porphyritic with feldspar phenocrysts of up to 3 mm. large. Some isolated large hornblende crystals are occasionally found.	0786 0787

DEPTH	Core Recovered		DESCRIPTION	SAMPLE No.
	Feet	%		
208 - 213	5	100	Diorite, same as above. Rock is solid, with only occasional quartz veinlets and isolated specks of sulfide mineralization.	
213 - 272	57	97	Andesite and porphyritic andesite interchanged with dioritic sections. Some andesite is hydrothermally altered, especially at contacts with intrusive zones.	
272 - 287	15	100	Diorite, solid, locally with some quartz veinlets. Walls of some of the veinlets shown chloritization.	
287			End of hole.	

# ASSAY LOG

COMPANY DALMATIAN RESOURCES LTD. PROPERTY TAY Claims HOLE No. E3-4

**NVC engineering ltd.**  
VANCOUVER, B.C.

ASSAYED by General Testing Laboratories DATE \_\_\_\_\_

SAMPLE No.	From	To	Feet	ppm Au.	ppm Ag.													
0784	115	125	10	.13	.74													
0785	125	135	10	.04	1.04													
0786	147	157	10	.03	.89													
0787	157	167	10	.06	1.04													

# DIAMOND DRILL RECORD

COMPANY DALMATIAN RESOURCES LTD.

PROPERTY TAY Claims

Hole No. 83-5  
 Date Begun Nov. 6, 1983  
 Date Finished Nov. 8, 1983  
 Drill Longyear 38  
 Core Size B. Q.

Lat. \_\_\_\_\_ Total Depth 331 feet  
 Dep. \_\_\_\_\_ Logged by V. Cukor  
 Bearing 125° Date Nov. 16, 1983  
 Elev. Collar \_\_\_\_\_ Claim TAY 1  
 Dip -64°

**NVC engineering ltd.**  
 VANCOUVER, B.C.

DEPTH	Core Recovered		DESCRIPTION	SAMPLE No.
	Feet	%		
0 - 58	-	-	No core, casing. Deep overburden contains numerous large boulders of volcanic and intrusive rocks.	
58 - 321.5	258	98	Andesite, dark, greenish grey, fair grained. Rock is fractured and fracture planes are aligned with quartz and pale green chlorite. Epidote and K-feldspars are often found as irregular, narrow zones. At 169' - 171' is diorite dyke with andesite xenolites. Dyke is 20° to core axis. At 172' there is 7" wide zone of quartz, epidote, chlorite and K-feldspar; upper contact is very irregular; lower contact is sharp at 80° to core axis. Veinlets with epidote are fairly prominent. At 188' there is 1' of fractured rock with some quartz-calcite. Around 190' there is 10' section of better pyritization. From 200' to 230' rock is intensively fractured and has zones of K-feldspar, calcite, epidote, chlorite and occasional accumulations of sulfides. From 227' to 232' there is diorite dyke with andesite xenolites. From 237' to 239' is diorite dyke which ends with 1' of silicious, chloritized zone with K-feldspar alteration and epidote veinlets. Although, some quartz-epidote-feldspar veins are still present, from about 230' rock becomes quite fresh, dark grey, and fracturing becomes weak. From 285' start appearing narrow zones of dioritic rock and thermal change in andesite. Rock seems to be recrystallized, silicification and chloritization becomes more uniform. From 318' to 319' is zone of quartz, calcite, K-feldspar and epidote.	0797  0798  0799 0800

DEPTH	Core Recovered		DESCRIPTION	SAMPLE No.
	Feet	%		
321.5 - 331	9.5	100	Diorite, greenish grey, medium grained, at the start of interval is slightly porphyritic. Some xenolites of andesite are present especially close to contact.	
331			End of hole.	

# ASSAY LOG

COMPANY DALMATIAN RESOURCES LTD. PROPERTY TAY Claims HOLE No. 83-5

**NVC engineering ltd.**  
VANCOUVER, B.C.

ASSAYED by General Testing Laboratories DATE \_\_\_\_\_

SAMPLE No.	From	To	Feet	ppm Au.	ppm Ag.						
0797	86	96	10	.03	.96						
0798	106	116	10	.03	.96						
0799	191	206	15	.06	.81						
0800	218	228	10	.13	1.04						

# DIAMOND DRILL RECORD

COMPANY DALMATIAN RESOURCES LTD.

PROPERTY TAY Claims

Hole No. 83-6  
 Date Begun Nov. 9, 1983  
 Date Finished Nov. 10, 1983  
 Drill Longyear 38  
 Core Size B. Q.

Lat. \_\_\_\_\_ Total Depth 300 feet  
 Dep. \_\_\_\_\_ Logged by V. Cukor  
 Bearing 130° Date Nov. 17, 1983  
 Elev. Collar \_\_\_\_\_ Claim TAY 1  
 Dip -50°

**NVC engineering ltd.**  
 VANCOUVER, B.C.

DEPTH	Core Recovered		DESCRIPTION	SAMPLE No.
	Feet	%		
0 - 24	-	-	No core, casing.	
24 - 180	151	97	Andesite, medium grained, dark greenish grey, Rock is fractured and has abundance of quartz veinlets. Locally intensive chloritization appears, and zones of secondary K-feldspar in discoloured rock. In some locations rock is badly fractured and is recovered in small fragments. From 80' - 82' there is intensively fractured rock with fault gouge. From 95' rock becomes dark (between 70' to 95' it was light green colour). At 113' is silicified light green zone 4" wide, with abundant pyrite, at 25° to core axis. From 122' the zones of 1 - 2' wide of dioritic rock start appearing within the andesite. Contacts are generally sharp and mostly at about 45° angle to core axis. Some of the contacts are fractured and diorite includes xenolites of andesite. Pyrite mineralization still appears in some narrow zones. From about 160' diorite zones become more frequent and andesite xenolites in average larger. It is obvious this is contact zone with larger dioritic body. Quartz veining and chlorite alteration is still intense, but pyrite appears much less frequently.	0788 0789 0790
180 - 300	120	100	Diorite, medium to coarse grained, colour is changing from medium greenish grey to dark greenish depending on dark mineral content and intensity and type of alteration. Fracturing and silica veining is still intensive, but toward the end of the interval rock becomes fresher, less altered and sulfide content diminishes.	0791 0792 0793 0794 0795 0796
300			End of hole.	



# ASSAY LOG

COMPANY DALMATIAN RESOURCES LTD. PROPERTY TAY Claims HOLE No. 83-6

**NVC engineering Ltd.**  
VANCOUVER, B.C.

ASSAYED by General Testing Laboratories DATE \_\_\_\_\_

SAMPLE No.	From	To	Feet	ppm Au.	ppm Ag.						
0788	70	80	10	.04	.81						
0789	80	90	10	.08	.89						
0790	90	100	10	.03	.96						
0791	186	196	10	.04	.67						
0792	196	206	10	.03	.81						
0793	231	241	10	.06	.74						
0794	241	251	10	.09	1.04						
0795	269	279	10	.04	1.04						
0796	279	289	10	.16	.89						

APPENDIX 2

COSTS OF 1983 DIAMOND DRILLING PROGRAM

COSTS OF 1983 DIAMOND DRILLING PROGRAM

D. J. Drilling Ltd., Diamond drilling	\$ 21,402.00
D. J. Drilling Ltd., Mobilization, bulldozer Rental	5,064.00
General Testing Laboratories, Assays	449.75

Field Expenses:

Ferry charges	\$ 129.76	
Gasoline	463.06	
Room and board	3,934.98	
Miscellaneous field expenses	368.45	
Car rental (Budget)	<u>302.97</u>	
TOTAL Expenses	\$5,199.22	5,199.22

NVC Engineering Ltd. Charges:

Field work, V. Cukor		
20 days @ \$275/day	\$5,500.00	
Preparation, V. Cukor		
2 days @ \$275/day	550.00	
Core Logging and Report		
8 days @ \$275/day	2,200.00	
4 x 4 Rental		
15 days @ \$50/day	750.00	
Drafting, 15 hrs. @ \$20/hr.	300.00	
Report typing	150.00	
Printing and binding of Report	165.00	
Sample Bags	20.00	
GSC Maps	<u>6.20</u>	
TOTAL NVC Engineering Charges	\$9,641.20	<u>9,641.20</u>

TOTAL Expenditure \$ 41,756.17


*U. G.*

CERTIFICATE

I, VLADIMIR CUKOR, of 2830 West 37th Avenue,  
Vancouver, British Columbia, DO HEREBY CERTIFY that:

1. I am a Consulting Geological Engineer with NVC ENGINEERING LTD. and with a business address as above;
2. I graduated from the University of Zagreb, Yugoslavia in 1963 as a Graduated Geological Engineer;
3. I am a Registered Professional Engineer in the Geological Section of the Association of Professional Engineers in the Province of British Columbia;
4. I have practiced my profession as a Geological Engineer for the past twenty years, in Europe and North America in engineering geology, hydrogeology and exploration for base metals and precious metals;
5. I have personally supervised the program described in this Report;
6. I have no interest, direct or indirect, in the properties of Dalmatian Resources Ltd.

December, 1983

  
V. Cukor, P. Eng.  
NVC ENGINEERING LTD.