

SMITHERS

87-736-16458 \* REVISED

4/88



Province of British Columbia

Ministry of Energy, Mines and Petroleum Resources

ASSESSMENT REPORT

TITLE PAGE AND SUMMARY

TYPE OF REPORT/SURVEY(S)	TOTAL COST
Geochemical	\$7,937.25

AUTHOR(S) V. CUKOR

SIGNATURE(S) *[Signature]*

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED April 22, 1987 YEAR OF WORK 1986

PROPERTY NAME(S)

FLAT

COMMODITIES PRESENT

Ni, Cu

B.C. MINERAL INVENTORY NUMBER(S), IF KNOWN

104 I - 51

MINING DIVISION

Liard

NTS 104 I / 7W

LATITUDE

58° 27' 54"

LONGITUDE

128° 51' 24"

NAMES and NUMBERS of all mineral tenures in good standing (when work was done) that form the property [Examples: TAX 1-4, FIRE 2 (12 units); PHOENIX (Lot 1706); Mineral Lease M 123; Mining or Certified Mining Lease ML 12 (claims involved)]:

CUB, CUB 2, 3

OWNER(S)

(1) S. Bridcut

(2)

MAILING ADDRESS

Box 5, Watson Lake, Y.T.  
Y0A 1C0

FILMED

OPERATOR(S) (that is, Company paying for the work)

(1) V. Cukor

(2)

MAILING ADDRESS

2830 W. 37th Ave.  
Vancouver, B. C. V6N 2T6

SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization, size, and attitude):

An ultra mafic complex with sulphide accumulations <sup>contains</sup> values of copper, nickel and molybdenum.

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

16,458

REFERENCES TO PREVIOUS WORK

LOG NO: 1112	RD.
ACTION: 47 pp.	
FILE NO: 87-736 16458	

TABLE OF CONTENTS

	<u>Page</u>
1. INTRODUCTION	1
2. REVIEW	
2.1 SUMMARY and CONCLUSIONS	2
2.2 RECOMMENDATIONS	2
3. PROPERTY	
3.1 LOCATION and ACCESS	3
3.2 CLAIMS	3
3.3 TOPOGRAPHY and CLIMATE	4
4. GEOLOGY and EXPLORATION HISTORY	5 - 6
LIST OF PERSONNEL AND COSTS INVOLVED IN CUB CLAIMS PROJECT	7

APPENDICES

- A. DIAMOND DRILL RECORDS
- B. ASSAY REPORTS

LOG NO: 0216	RD.
ACTION: Date received report back from amendments	
FILE NO:	

LIST OF ILLUSTRATIONS

	<u>After Page</u>
FIGURE 1 LOCATION MAP	3
FIGURE 2 CLAIM MAP	3
FIGURE 3 DRILL PLAN	(In Pocket)

MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES	
Rec'd	FEB 12 1988
SUBJECT	_____
FILE	_____
VANCOUVER, B.C.	

## CUB GROUP

Turnagain River Area, British Columbia

### 1. INTRODUCTION

The Cub group of claims are located 70 kilometres almost due east of Dease Lake, British Columbia. They straddle the Turnagain River. Geologically, the Cub group covers an ultra-basic intrusive. In the late sixties and early seventies the property area was explored for nickel and copper by Falconbridge Ltd. With the increase in the platinum price, interest in the property as a potential platinum prospect has been renewed. In the Spring of 1986 a number of claims additional to the original Cub claim were staked. In due course the core from the Falconbridge drilling was examined and resampled for geochemical analysis. A total of over 500 samples were taken, and of these 169 samples were selected to be geochemically assayed for gold and platinum. The assays were run by Loring Laboratories Ltd. of Calgary, Alberta.

Of the total drilling (4,690 feet), 2,063 feet (44%) was drilled on the Cub claim and 2,627 feet (56%) was drilled on the Cub 2 and Cub 3 claims, and the assessment credit is split accordingly.

## 2. REVIEW

### 2.1 SUMMARY and CONCLUSIONS

The Cub property covers an ultramafic intrusive, classified as a banded Alaskan type body. Nickel (pentlandite), copper (chalcopyrite) mineralization as well as magnetite and chromite are present in various locations on the claims. In addition, it has been reported that some platinum was found in places. All these are indicators that the geological environment is favourable to host platinum mineralization. Although the first geochemical assays on drill core returned only low values, further search should be expanded into areas with stronger chromite concentrations.

### 2.2 RECOMMENDATIONS

The property should be reevaluated as a potential platinum prospect. The old Falconbridge nickel geological map should be used as a base for further study, which should outline areas with chromium trace. Such areas should be geochemically sampled using both soil and rock sampling techniques. If platinum (and/or gold) is detected, such areas should then be examined at greater detail.

### 3. PROPERTY

#### 3.1 LOCATION and ACCESS

The property is located on the Turnagain River in north central British Columbia, about 65 kilometres due east of Dease Lake. It is in the Liard Mining Division on Map NTS 1041/7W. The centre of the claims is at approximate latitude 58° 28' North and longitude 128° 50' West.

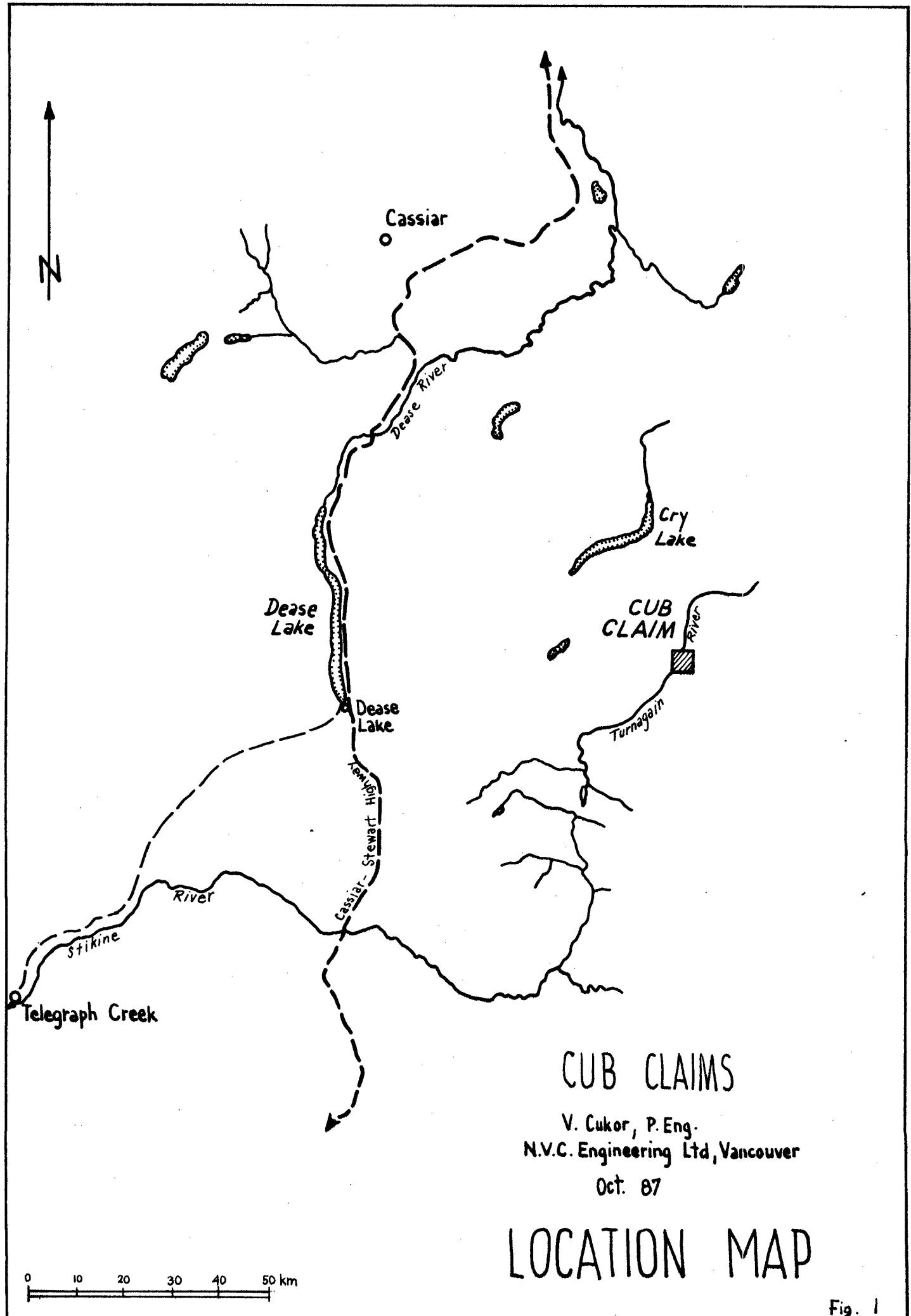
Access is by helicopter or by small fixed wing aircraft to the airstrip at the south end of the claims. A winter cat road, commencing at Dease Lake, passes through the property.

#### 3.2 CLAIMS

The property consists of the Cub, Cub 2 and Cub 3 mineral claims. The corresponding dates and record numbers are as follows:

<u>Claim</u>	<u>No. of Units</u>	<u>Record Number</u>	<u>Staking Date</u>	<u>Expiry Date</u>
Cub	6	755	April 10, 1979	April 23, 1987
Cub 2	20	3563	April 10, 1979	April 23, 1987
Cub 3	9	3562	April 10, 1979	April 23, 1987

The claims are owned by S. Bridcut and E. Hatzl, both of Watson Lake, Yukon Territory, and are optioned to Supreme Resources Ltd., who financed the sampling procedure.

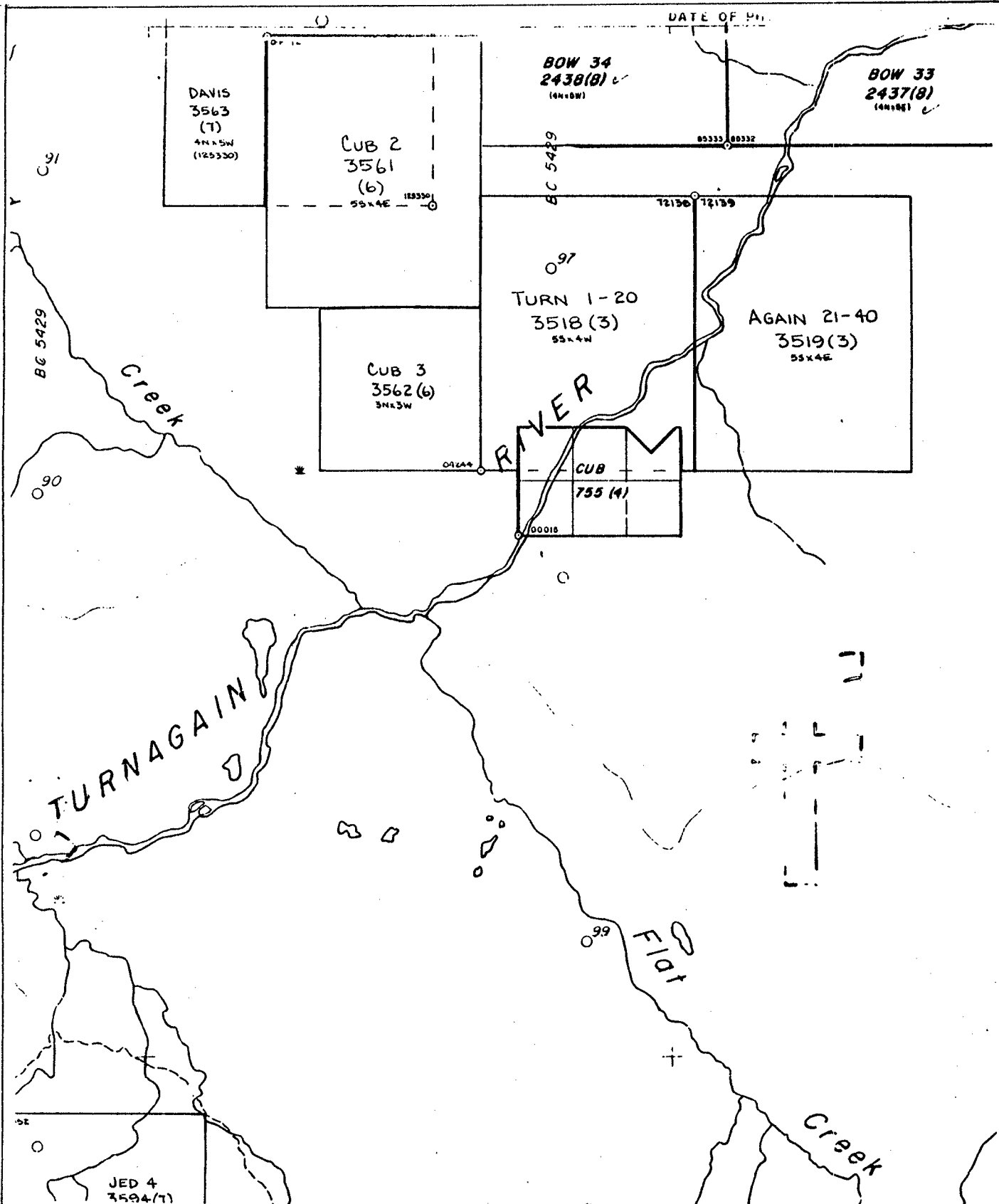


# CUB CLAIMS

V. Cukor, P. Eng.  
N.V.C. Engineering Ltd, Vancouver  
Oct. 87

# LOCATION MAP

Fig. 1



**CUB CLAIMS**

V. Cukor, P.Eng.  
 NVC Engineering Ltd. Vancouver  
 Oct. 87

**CLAIM MAP**

Fig. 2

3. PROPERTY (Cont'd)

3.3 TOPOGRAPHY and CLIMATE

The claims are at elevations of between 3,500 and 6,000 feet for a total relief of 2,500 feet. They cover the Turnagain River Valley and moderately steep, south facing slopes.

The vegetation is dense. Lower parts are covered by stands of black spruce and jack pine with thick underbrush. The top parts of the claims are covered by alpine meadows with patches of scrub birch and willows.

The area has a northern continental climate with cold winters and short warm summers. The property is generally clear of snow from the end of May to mid October.



#### 4. GEOLOGY AND EXPLORATION HISTORY

Regional mapping by the G.S.C. shows the area to be underlain by a broad, northwest trending ultrabasic belt intruded into a permo-carboniferous sedimentary and volcanic complex. Subsequently, these were intruded by small, irregularly shaped bodies of granodiorite and/or quartz diorite.

The basic and ultrabasic rocks comprise a banded intrusive, classified as an Alaskan-type occurrence composed mostly of serpentized pyroxenite, periodite and dunite.

The common minerals are chromite and ilmenite throughout the zone while in the peripheral area, pyrrhotite, pentlandite and chalcopyrite + minor molybdenite appear as stockwork, disseminations and/or thin massive bands. Such peripheral areas were explored in the past for the potential presence of an economic size nickel-copper ore body. Following extensive geophysical, geochemical and geological surveys, a two stage drill program was completed in 1970 and 1971 by Falconbridge. A total of 4,690 feet of A.Q. drilling and 403 feet of packsack drilling were completed in 38 holes. The core was sampled for nickel and copper (some sections assayed for molybdenum as well). Drill logs and plans showing the hole locations were subsequently made available to the author.

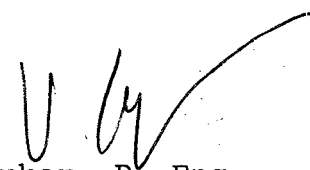
After the world market price for platinum increased dramatically around 1985-86, Supreme Resources optioned the claims as a potential platinum prospect. Old core was re-

4. GEOLOGY and EXPLORATION HISTORY (Cont'd)

examined and resampled at 10 foot intervals. Among those samples, a total of 169 samples were then selected to be submitted to Loring Laboratories of Calgary to be geochemically assayed for gold and platinum. The remaining samples were left with the author, eventually to be assayed at a later date.

All assays returned low values for both gold and platinum. It should be kept in mind, however, that the property was originally explored for nickel-copper, and only sulphide (pyrrhotite) rich zones were drilled. In the Tulameen area, however, it seems that platinum is mostly associated with magnetite - chromium rich structures and further testing should be carried out in these areas.

October, 1987



V. Cukor, P. Eng.

NVC ENGINEERING LTD.

LIST OF PERSONNEL AND COSTS  
INVOLVED IN CUB CLAIMS PROJECT

Field Work (June 15th - 30th, 1987)

D. Cukor, Geologist	2 days @ \$250/day	\$ 500.00
V. Cukor, P. Eng.	4 days @ \$350/day	1,400.00
Helper (Splitting core)	8 days @ \$100/day	800.00
Camp Operation	14 mandays @ \$60/day	840.00
Mobilization/Demobilization		810.00

Report

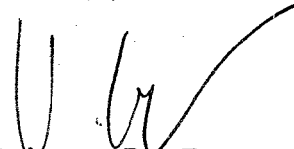
V. Cukor, P. Eng.	2 days @ \$350/day	700.00
Drafting	4 hrs. @ \$15/hr.	60.00
Assays (Loring Laboratories)		2,577.25
Typing, printing, binding		<u>250.00</u>

TOTAL Expenditure \$ 7,937.25

Distribution of Costs

Cub Claim (755)	44% of \$7,937.25	=	\$ 3,492.39
Cub 2 (3561) and Cub 3 (3562)	56% of \$7,937.25	=	\$ 4,444.86

October, 1987

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

APPENDIX A

DIAMOND DRILL RECORDS

Holes drilled in 1970.  
Relogged and resampled in 1986.

# DIAMOND DRILL RECORD

COMPANY \_\_\_\_\_ PROPERTY CUB

Hole No. PSH-1 Lat. \_\_\_\_\_ Total Depth 49'  
 Date Begun 17:7:70 Dep. \_\_\_\_\_ Logged by: V. Cukor  
 Date Finished 17:7:70 Bearing \_\_\_\_\_ Date \_\_\_\_\_  
 Drill Packsack Elev. Collar \_\_\_\_\_ Claim \_\_\_\_\_  
 Core Size \_\_\_\_\_ Dip - 90°

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

DEPTH	Core Recovered		DESCRIPTION	SAMPLE No.
	Feet	%		
0 - 49			Peridotite, black, medium grained to granular. Rock is moderately fractured, serpentized and contains strong sulphides at the start. Serpentized fractures are mostly at 60° to core axis. Section from 4 - 25' assayed significant nickel, but from 30' to the end the sulphide content is lower.	
49			End of hole.	

# DIAMOND DRILL RECORD

COMPANY .....

PROPERTY CUB .....

Hole No. PSH-2  
 Date Begun 18:7:70  
 Date Finished 18:7:70  
 Drill Packsack  
 Core Size .....

Lat. ....  
 Dep. ....  
 Bearing 225°  
 Elev. Collar .....

Total Depth 28'  
 Logged by V. Cukor  
 Date .....

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

DEPTH	Core Recovered		DESCRIPTION	SAMPLE No.
	Feet	%		
0 - 28			Peridotite, dark, medium grained, fractured. Some sections are serpentized. Start of hole carries 3% sulphides (.17% Ni.).	
28			End of hole.	

# DIAMOND DRILL RECORD

COMPANY .....

PROPERTY CUB .....

Hole No. PSH-3  
 Date Begun 19:7:70  
 Date Finished 19:7:70  
 Drill Packsack  
 Core Size .....

Lat. ....  
 Dep. ....  
 Bearing .....

Total Depth 28'  
 Logged by: V. Cukor  
 Date .....

Elev. Collar 43°  
 Dip -44°  
 Claim .....

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

DEPTH	Core Recovered		DESCRIPTION	SAMPLE No.
	Feet	%		
0 - 28			Peridotite, black, medium grained to granular. Black stringers and fractures appear at 55° to core axis. Sulphides are intense as disseminations, blebs to massive narrow bands. Hole assayed significant nickel values.	
28			End of hole.	

# DIAMOND DRILL RECORD

COMPANY .....

PROPERTY CUB .....

Hole No. PSH-4  
 Date Begun 21:7:70  
 Date Finished 21:7:70  
 Drill Packsack  
 Core Size .....

Lat. .... Total Depth 12'  
 Dep. .... Logged by: V. Cukor  
 Bearing ..... Date .....  
 Elev. Collar ..... Claim .....  
 Dip -90° .....

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

DEPTH	Core Recovered		DESCRIPTION	SAMPLE No.
	Feet	%		
0 - 12			Peridotite, dark grey with some pyroxenite. Rock is fractured and contains up to 20% of sulphides. Rock assayed .1% Cu. and .36% Ni.	
12			End of hole.	



# DIAMOND DRILL RECORD

COMPANY .....

PROPERTY CUB .....

Hole No. PSH -5  
 Date Begun 22:7:70  
 Date Finished 22:7:70  
 Drill Packsack  
 Core Size .....

Lat. .... Total Depth 7'  
 Dep. .... Logged by: V. Cukor  
 Bearing 205° Date ..  
 Elev. Collar ..... Claim ..  
 Dip -55° .....

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

DEPTH	Core Recovered		DESCRIPTION	SAMPLE No.
	Feet	%		
0 - 7			Peridotite, medium grained to granular, fractured to highly broken. Sulphides up to 20%. Sections assayed .21% Cu. and .26% Ni.	
7			End of hole.	

# DIAMOND DRILL RECORD

COMPANY.....

PROPERTY..... CUB.....

Hole No. PSH-6  
 Date Begun 24:7:70  
 Date Finished 24:7:70  
 Drill Packsack  
 Core Size.....

Lat.....  
 Dep.....  
 Bearing.....  
 Elev. Collar.....  
 Dip - 90°  
 Total Depth 20'  
 Logged by V. Cukor  
 Date.....  
 Claim.....

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

DEPTH	Core Recovered		DESCRIPTION	SAMPLE No.
	Feet	%		
0 - 20			Peridotite, black, medium grained, moderately fractured. Around 15' is section of fine grained rock. At 16 - 20' is zone of pyroxenite, highly fractured. Very minor sulphides are observed.	
20			End of hole.	

# DIAMOND DRILL RECORD

COMPANY.....

PROPERTY..... CUB

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

Hole No. PSH-7  
Date Begun 27:7:70  
Date Finished 27:7:70  
Drill Packsack  
Core Size.....

Lat. ....  
Dep. ....  
Bearing.....  
Elev. Collar - 90°  
Dip .....

Total Depth 25'  
Logged by: V. Cukor  
Date .....

DEPTH	Core Recovered		DESCRIPTION	SAMPLE No.
	Feet	%		
0 - 25			Pyroxenite, greenish grey to light grey, medium grained, moderately broken. Sulphide content is from .5 to 1%, mostly pyrrhotite.	
25			End of hole.	

# DIAMOND DRILL RECORD

COMPANY.....

PROPERTY..... CUB

Hole No. PSH-8  
 Date Begun 29:7:70  
 Date Finished 31:7:70  
 Drill Packsack  
 Core Size.....

Lat. ....  
 Total Depth 75'  
 Logged by V. Cukor  
 Dep. ....  
 Bearing.....  
 Date .....  
 Elev. Collar .....  
 Claim .....  
 Dip -90°

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

DEPTH	Core Recovered		DESCRIPTION	SAMPLE No.
	Feet	%		
0 - 75			Peridotite, dark grey, medium grained. Rock is moderately fractured, serpentinized. Sulphides appear as disseminations, blebs in fractures; mostly consist of pyrite and pyrrhotite. Toward the end of hole rock is coarse grained. 1970 assays returned low values.	
75			End of hole.	

# DIAMOND DRILL RECORD

COMPANY.....

PROPERTY..... CUB .....

Hole No. PSH-9  
 Date Begun 2:8:70  
 Date Finished 3:8:70  
 Drill Packsack  
 Core Size .....

Lat. ....  
 Dep. ....  
 Bearing.....  
 Elev. Collar .....  
 Dip ..... -90°  
 Total Depth 66'  
 Logged by V. Cukor  
 Date .....  
 Claim .....

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

DEPTH	Core Recovered		DESCRIPTION	SAMPLE No.
	Feet	%		
0 - 5			Pyroxenite, greenish grey, medium to coarse grained. Rock is fractured and sheared. Sulphide content is 2-3%.	
5 - 8			Peridotite, dark, medium grained. Sulphide content is 1%.	
8 - 66			Pyroxenite, greenish grey, medium to coarse grained. Some sections are porphyritic. Rock is badly fractured in some sections and altered. Sulphide content is up to 5% of disseminated pyrrhotite. Some good Ni. assays.	
66			End of hole.	

# DIAMOND DRILL RECORD

COMPANY .....

PROPERTY..... CUB .....

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

Hole No. PSH-10  
Date Begun 5:8:70  
Date Finished 6:8:70  
Drill Packsack  
Core Size .....

Lat. ....  
Dep. ....  
Bearing .....

Total Depth 43'  
Logged by: V. Cukor  
Date .....

Elev. Collar .....

Dip - 90° .....

Claim .....

DEPTH	Core Recovered		DESCRIPTION	SAMPLE No.
	Feet	%		
0 - 43			Pyroxenite, greenish grey, medium grained. Some sections are highly fractured. Sulphides are disseminated, blebs and fracture fillings, but do not exceed 2% of volume. Some low values in both copper and nickel.	
43			End of hole.	

# DIAMOND DRILL RECORD

COMPANY.....

PROPERTY..... CUB

Hole No. PSH-11  
 Date Begun 8:8:70  
 Date Finished 9:8:70  
 Drill Packsack  
 Core Size.....

Lat. ....  
 Dip. -90°  
 Bearing.....  
 Elev. Collar.....  
 Dip.....

Total Depth 50'  
 Logged by: V. Cukor  
 Date.....  
 Claim.....

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

DEPTH	Core Recovered		DESCRIPTION	SAMPLE No.
	Feet	%		
0 - 50			Pyroxenite, greenish grey, medium to coarse grained. Rock is locally badly fractured at 50° to core axis. Some serpentine alterations along the fracture zones. Sulphide (up to 1%) is mostly pyrrhotite, which appears generally as fine grained disseminations. Some low nickel values throughout. Toward the end of hole, rock is very coarse grained.	
50			End of hole.	

# DIAMOND DRILL RECORD

COMPANY .....

PROPERTY CUB .....

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

Hole No. S-14  
Date Begun 12:5:70  
Date Finished 17:5:70  
Drill BBS-1  
Core Size A.O.

Lat. .... Total Depth 456'  
Dep. .... Logged by V. Cukor  
Bearing N 25° E Date .....  
Elev. Collar ..... Claim .....  
Dip -40° .....

DEPTH	Core Recovered		DESCRIPTION	SAMPLE No.
	Feet	%		
0 - 18			Casing.	
18 - 90			Peridotite, dark (almost black), medium grained, locally brecciated. Some serpentized patches with increased sulphide content. Sulphides are mostly pyrrhotite, pyrite and locally chalcopyrite and very minor bornite. At 50' stronger brecciation.	
90 - 170			Hornblendite, dark grey. Some zones rich in spinel, usually carry better disseminated pyrrhotite. At 190 - 200' some chalcopyrite visible.	
170 - 200			Peridotite with bands of spinel, disseminated chalcopyrite and pyrrhotite.	
200 - 270			Pyroxenite, with some serpentization and blebs of pyrrhotite. Some intensive fracturing around 230'.	
270 - 360			Peridotite, locally with spinel and some zones of serpentization. Some brecciation developed. Sulphide content is very minor.	
360 - 456			Pyroxenite, fractured, with some spinel laminations. Fracturing prominent at 40° to core axis.	
456			End of hole.	



# DIAMOND DRILL RECORD

COMPANY .....

PROPERTY CUB .....

Hole No. S-15  
 Date Begun 17:5:70  
 Date Finished 22:5:70  
 Drill BBS-1  
 Core Size A.Q.

Lat. ....  
 Dep. ....  
 Bearing 215°  
 Elev. Collar ....  
 Dip -60°

Total Depth 288'  
 Logged by V. Cukor  
 Date .....  
 Claim .....

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

DEPTH	Core Recovered		DESCRIPTION	SAMPLE No.
	Feet	%		
0 - 9			Casing.	
9 - 40			Peridotite with spinel rich bands with good pyrrhotite as disseminations and fracture fillings.	
40 - 110			Proxenite with serpentine in fractures and asbestos in shears. Sulphide content much lower.	
110 - 210			Peridotite with zones of pyroxenite. Rock is greyish, medium grained to granular with some limonite stains in fractures around 180'. Sulphides low.	
210 - 288			Pyroxenite, mottled, fractured, with some spinel zones. Magnetite present but sulphides are low.	
288			End of hole.	

# DIAMOND DRILL RECORD

COMPANY .....

PROPERTY..... CUB .....

Hole No. S-16  
 Date Begun 23:5:70  
 Date Finished 27:5:70  
 Drill BBS-1  
 Core Size A.Q.

Lat. ....  
 Dep. ....  
 Bearing 19°  
 Elev. Collar .....  
 Dip -40°  
 Total Depth 403'  
 Logged by V. Cukor  
 Date .....  
 Claim .....

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

DEPTH	Core Recovered		DESCRIPTION	SAMPLE No.
	Feet	%		
0 - 25			Casing.	
25 - 403			Black, graphitic schist interlayered by slate. Stringers of quartz appear throughout and fine grained pyrite and minor chalcopyrite appear occasionally. Some carbonates appear occasionally as blebs and stringers. Intensive folding is prominent throughout and strong fracture system and cleavage were observed at about 70° to core axis.	
403			End of hole.	

# DIAMOND DRILL RECORD

COMPANY.....

PROPERTY..... CUB

Hole No. S-17  
 Date Begun 28:5:70  
 Date Finished 4:6:70  
 Drill BBS-1  
 Core Size A.O.

Lat. ....  
 Dep. ....  
 Bearing 215  
 Elev. Collar .....  
 Dip -60°

Total Depth 405'  
 Logged by V. Cukor  
 Date .....  
 Claim .....

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

DEPTH	Core Recovered		DESCRIPTION	SAMPLE No.
	Feet	%		
0 - 5			Casing.	
5 - 62			Pyroxenite, greyish, medium grained. Occasional spinel rich layers at 45° to core axis accompanied mostly with blebs and disseminations of pyrrhotite. Spinel content increased toward the end of interval.	
62 - 154			Hornblendite, dark, medium to coarse grained. At 60 - 70' is extensive serpentinization with good blebs and veinlets of pyrrhotite. Veinlets are mostly at 50° to core axis. At 102' andesite dyke at 45° to core axis, 6" wide. At 110 - 120' slight increase in sulphide content.	
154 - 220			Pyroxenite, very dark, medium grained, strongly sheared at the start of interval. Content of sulphides is generally low and so is serpentinization.	
220 - 250.5			Peridotite with locally some epidote and potash feldspar alterations. The sulphide content is very low throughout.	
250.5 - 251			Quartz vein.	
251 - 260			Peridotite with several veinlets of spinel.	
260 - 348			Pyroxenite, dark grey, medium grained, locally fractured. Very low sulphide content.	

DEPTH	Core Recovered		DESCRIPTION	SAMPLE No.
	Feet	%		
348 - 405			Hornblendite - gradational contact. At 374' are strong fractures and shearing, and then to the end of interval appear graphitic stringers.	
405			End of hole.	

# DIAMOND DRILL RECORD

COMPANY .....

PROPERTY..... CUB .....

Hole No. S-18  
 Date Begun 5:6:70  
 Date Finished 7:6:70  
 Drill BBS-I  
 Core Size A.Q.

Lat. ....  
 Total Depth 52'  
 Logged by V. Cukor  
 Dep. ....  
 Bearing 212°  
 Date .....  
 Elev. Collar .....  
 Claim .....  
 Dip -30°

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

DEPTH	Core Recovered		DESCRIPTION	SAMPLE No.
	Feet	%		
0 - 6			Casing.	
6 - 52			Peridotite, dark, bluish black, oxidized at the start. Only minor pyrrhotite present in the rock. Most of the hole is broken up, fractured and a fault zone is at the end of the hole.	
52			End of hole.	

# DIAMOND DRILL RECORD

COMPANY.....

PROPERTY..... CUB

Hole No. S-19  
 Date Begun 8:6:70  
 Date Finished 12:6:70  
 Drill BBS-1  
 Core Size A.Q.

Lat. ....  
 Dep. ....  
 Bearing 34°  
 Elev. Collar ....  
 Dip -40°  
 Total Depth 390'  
 Logged by V. Cukor  
 Date .....  
 Claim .....

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

DEPTH	Core Recovered		DESCRIPTION	SAMPLE No.
	Feet	%		
0 - 5			Jade boulder.	
5 - 16			Overburden.	
16 - 343			Peridotite, oxidized at the top of hole with limonite in fractures. Rock is locally serpentized and amount of sulphides range from 2 - 15% throughout hole. Rock is mostly fractured with some carbonate veinlets and locally with graphitic gouge in fracture zones. Only locally there is visible chalcopryrite. At 150 - 170' breccia zone with more intense sulphides and visible chalcopryrite. Assays in 1970 showed a presence of nickel throughout; the best section between 325 - 342.5' almost 1% Ni.	
343 - 390			Pyroxenite, grey, medium grained, in places with brown mica. Sulphide presence still strong (last section originally assayed .1% Ni.)	
390			End of hole.	

# DIAMOND DRILL RECORD

COMPANY.....

PROPERTY..... CUB

Hole No. S-20  
 Date Begun 13:6:70  
 Date Finished 16:6:70  
 Drill BBS-1  
 Core Size A.Q.

Lat. ....  
 Dep. ....  
 Bearing 22°  
 Elev. Collar ....  
 Dip -41°  
 Total Depth 348'  
 Logged by V. Cukor  
 Date .....  
 Claim .....

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

DEPTH	Core Recovered		DESCRIPTION	SAMPLE No.
	Feet	%		
0 - 10			Casing.	
10 - 250			Peridotite, fine grained to medium grained; dark grey or mottled. Occasionally some dark green pyroxenite appears. Some asbestos is present in fractures and sulphides make 2 - 10% of the volume. Sulphides appear as disseminations, blebs and occasionally as fracture fillings. Some graphitic veinlets and gouge are present in fracture zones.  Sulphides consist mainly of pyrrhotite, some chalcopyrite and occasionally pentlandite. The best section assayed in 1970 was between 60 - 100' which assayed at about .2% Ni.	
250 - 348			Pyroxenite, dark green with some mottled peridotite. Some brown mica and carbonate veinlets. Banding noted at 45° to core axis. Sulphides present at 2 - 5% with very minor chalcopyrite.	
348			End of hole.	

# DIAMOND DRILL RECORD

COMPANY.....

PROPERTY..... CUB

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

Hole No. S-21  
Date Begun 19:6:70  
Date Finished 25:6:70  
Drill BBS-1  
Core Size A.Q.

Lat. ....  
Dep. ....  
Bearing 25°  
Elev. Collar ....  
Dip -40°  
Total Depth 661'  
Logged by V. Cukor  
Date ....  
Claim .....

DEPTH	Core Recovered		DESCRIPTION	SAMPLE No.
	Feet	%		
0 - 36			Casing.	
36 - 49			Graphitic schist, marbelized limestone, breccia. Rusty weathered at the start, some quartz veinlets. Mica and sulphides abundant.	
49 - 100			Peridotite, mottled, mixed with minor pyroxenite. Some pyrite and good pyrrhotite present. Some graphitic bands at 45° and 70° to core axis.	
100 - 400			Pyroxenite predominant, with some intermixed peridotite. Some carbonate banding and talc gouge in fractures. Some pyrite and pyrrhotite always present and some fair assays in nickel were obtained in 1970; at 332 - 323' sulphides are massive with visible pentlandite (assay .45% Ni.).	
400 - 500			Black peridotite with some intermixed green pyroxenite. Peridotite is fine grained and altered to serpentine. Sulphides are disseminated and also come as blebs and laminations. Mostly it is pyrrhotite, but some visible pentlandite is also present.	
500 - 661			Pyroxenite with lesser intermixed peridotite. Rock is mostly dark greenish grey, with black zones of peridotite. Sulphides make 3 - 12% of volume. It is mostly pyrrhotite (chalcopyrite is very minor) and occasionally visible pentlandite (section 530 - 540 assayed .2% Ni.)  At the end of hole increase of sulphides and graphite in fractures.	
661			End of hole.	



# DIAMOND DRILL RECORD

COMPANY \_\_\_\_\_

PROPERTY \_\_\_\_\_ CUB \_\_\_\_\_

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

Hole No. S-22  
Date Begun 27:6:70  
Date Finished 29:6:70  
Drill BBS-1  
Core Size A.Q.

Lat. \_\_\_\_\_ Total Depth 360'  
Dep. \_\_\_\_\_ Logged by V. CUKOR  
Bearing 25° Date \_\_\_\_\_  
Elev. Collar \_\_\_\_\_ Claim \_\_\_\_\_  
Dip -40°

DEPTH	Core Recovered		DESCRIPTION	SAMPLE No.
	Feet	%		
0 - 15			Casing.	
15 - 25			Schist, fine grained, broken up with pyrite in fractures.	
25 - 140			Hornblendite mixed with altered schist. Some peridotite appears as well. Zones with graphite banding and quartz-calcite veinlets. Pyrite and some pyrrhotite appears as disseminations and in fractures.	
140 - 360			Dark, bluish grey peridotite interlayered with dark greenish pyroxenite. Graphitic banding and zones with disseminated pyrrhotite appear throughout. In some zones sulphide content reaches 5%, but original assays for nickel all stayed very low. From 224 - 226' rock is very fractured. At 254 - 270' zones of serpentinization, but no sulphides present. Around 280' to the end of interval sulphides 2 - 5% - mostly pyrrhotite. From 321 - 324' shear zone with graphitic gouge.	
360			End of hole.	

# DIAMOND DRILL RECORD

COMPANY .....

PROPERTY..... CUB .....

Hole No. S-23  
 Date Begun 2:7:70  
 Date Finished 6:7:70  
 Drill BBS-1  
 Core Size A.Q.

Lat. ....  
 Dep. ....  
 Bearing 25°  
 Elev. Collar ....  
 Dip -40°  
 Total Depth 403'  
 Logged by V. Cukor  
 Date .....  
 Claim .....

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

DEPTH	Core Recovered		DESCRIPTION	SAMPLE No.
	Feet	%		
0 - 12			Overburden.	
12 - 167			Medium grey gabbro interlayered by dark peridotite. Some schist appear around 80'. Graphite and sulphides appear as fracture filling - some pyrrhotite is disseminated in darker zones.	
167 - 226			Peridotite, dark grey, medium grained with feldspar phenocrysts occasionally. Some calcite veining and graphite. Sulphides generally low.	
226 - 235			Gabbro as above, medium to coarse grained. Some good pyrrhotite present.	
235 - 403			Peridotite, dark grey to black, serpentized. Graphite, calcite veinlets and sulphides abundant. From 247 to 304' it assayed significant values in nickel.	
403			End of hole.	

# DIAMOND DRILL RECORD

COMPANY.....

PROPERTY..... CUB

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

Hole No. S-24  
Date Begun 8:7:70  
Date Finished 10:7:70  
Drill BBS-1  
Core Size A.Q.

Lat. ....  
Dep. ....  
Bearing 25°  
Elev. Collar ....  
Dip -34°  
Total Depth 199'  
Logged by V. Cukor  
Date .....  
Claim .....

DEPTH	Core Recovered		DESCRIPTION	SAMPLE No.
	Feet	%		
0 - 25			Overburden.	
25 - 28			Pyroxenite, greenish grey, fine grained. Rock is intensely fractured and altered.	
28 - 199			Peridotite, dark grey to bluish black. Rock is mostly medium grained. Rock is locally altered to serpentine and locally appear graphite bands. Sulphides, mostly pyrrhotite, generally stay below 1%. From 31 - 33' lightly sheared section. At 117' serpentized section at 54° to core axis.	
199			End of hole.	

# DIAMOND DRILL RECORD

COMPANY.....

PROPERTY..... CUB.....

Hole No. S-25  
 Date Begun 10:7:70  
 Date Finished 10:7:70  
 Drill BBS-1  
 Core Size A.Q.

Lat.....  
 Dep.....  
 Bearing 25°  
 Elev. Collar.....  
 Dip -65°  
 Total Depth 53'  
 Logged by: V. Cukor  
 Date.....  
 Claim.....

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

DEPTH	Core Recovered		DESCRIPTION	SAMPLE No.
	Feet	%		
0 - 8			Overburden.	
8 - 53			Dark grey peridotite, mostly broken and altered. Some sulphides present - disseminated pyrrhotite up to 3%. Section from 13 - 25', assayed in 1970, returned .18% Ni.	
53			End of hole.	

# DIAMOND DRILL RECORD

COMPANY.....

PROPERTY..... CUB.....

Hole No. S-26  
 Date Begun 11:8:70  
 Date Finished 13:8:70  
 Drill BBS-1  
 Core Size A.Q.

Lat.....  
 Dep.....  
 Bearing 25°  
 Elev. Collar.....  
 Dip -38°

Total Depth 253'  
 Logged by V. Cukor  
 Date.....  
 Claim.....

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

DEPTH	Core Recovered		DESCRIPTION	SAMPLE No.
	Feet	%		
0 - 4			Overburden.	
4 - 253			Peridotite, bluish black to dark grey. Rock is mostly medium grained but some fine grained zones appear as well. At the top of the hole limonite stain along the fracture plains. Around 33' in zone of serpentinization. Up to 190', sulphides reach 10% and the whole section in 1970 assayed significant nickel (from .1 - .33% Ni.). From 190' to the end of hole sulphide content falls below 1.6.	
253			End of hole.	

# DIAMOND DRILL RECORD

COMPANY.....

PROPERTY..... CUB

Hole No. S-27  
 Date Begun 14:7:70  
 Date Finished 17:7:70  
 Drill BBS-1  
 Core Size A.Q.

Lat. ....  
 Dep. ....  
 Bearing .....  
 Elev. Collar 25°  
 Dip -38°  
 Total Depth 203'  
 Logged by: V. Cukor  
 Date .....  
 Claim .....

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

DEPTH	Core Recovered		DESCRIPTION	SAMPLE No.
	Feet	%		
0 - 7			Overburden.	
7 - 170			Peridotite, dark, bluish-black, medium grained, fractured and sheared. Some coarse grained sections appear, as well as altered zones of serpentine. Sulphides range from less than 1% to 30% (around 30') appearing as disseminations and erratically scattered blebs. Some significant nickel values were recovered (up to .28% Ni.).	
170 - 175			Greenish pyroxenite, highly altered, serpentinized and strongly sheared. Core is badly shattered.	
175 - 203			Peridotite, medium grained, dark grey to bluish-black. Fractures are filled by calcite and serpentine. Some zones carry significant sulphides (zone at 190 - 200' assayed .22% Ni.).	
203			End of hole.	

# DIAMOND DRILL RECORD

COMPANY ..... PROPERTY ..... CUB .....

Hole No. .... S-28 .....	Lat. ....	Total Depth ..... 306'
Date Begun ..... 18:7:70 .....	Dep. ....	Logged by: ..... V. Cukor
Date Finished ..... 24:7:70 .....	Bearing ..... 25° .....	Date .....
Drill ..... BBS-1 .....	Elev. Collar .....	Claim .....
Core Size ..... A.Q. ....	Dip ..... -38° .....	.....

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

DEPTH	Core Recovered		DESCRIPTION	SAMPLE No.
	Feet	%		
0 - 9			Overburden.	
9 - 175			Peridotite, medium grained, dark grey, altered, sheared and intensively fractured. Sulphides are disseminated and they also appear as blebs and fracture fillings. In some sections core is badly broken and recovery is only about 50%. In some sheared zones cubes of pyrite appear. From 50 - 175' significant values of nickel were obtained (from .11 to .37%).	
175 - 228			Pyroxenite, greenish grey, medium grained. Still with good sulphides. Several zones of interlayered dark peridotite appear as well. Some serpentized sections and broken up core appear as well. At 226', 6" section assayed 1.12% Ni., 1.72% Mo. and .2% Cu.	
228 - 306			Peridotite, dark, medium grained, extensively fractured and altered to serpentine. Pyrrhotite is main sulphide, although several lost sections assayed significant nickel.	
306			End of hole.	

## ASSAYING PROCEDURE

Loring Laboratories has reported the following procedure: Core was ground up to -200 mesh and processed separately for gold and platinum.

### Gold Assay

10 g of -200 mesh fire assayed to obtain the precious metal bead. This was crushed, dissolved in aqua regia and extracted by MIBK. Analysis for gold was by atomic absorption.

### Platinum Assay

20 g of -200 mesh sample fire assayed to obtain the precious metal bead. This was crushed and dissolved in aqua regia. A matrix solution containing uranium and arsenic was added to the solution and assayed by atomic absorption.



# ASSAY LOG

COMPANY S. BRITCUT

PROPERTY CUB

HOLE No. PSH-1

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

ASSAYED by Loring Laboratories Ltd.

DATE August 12, 1986

SAMPLE No.	From	To	Feet	ppb Au.	ppb Pt.							
2	10	20	10	60	30							
4	30	40	10	30	-30							
6	40	49	9	10	-30							

# ASSAY LOG

COMPANY S. BRITCUT

PROPERTY CUB

HOLE No. PSH-2

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

ASSAYED by Loring Laboratories Ltd.

DATE August 12, 1986

SAMPLE No.	From	To	Feet	ppb Au.	ppb Pt.								
6	10	20	10	10	-30								

# ASSAY LOG

COMPANY S. BRITCUT PROPERTY CUB HOLE No. PSH-3

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

ASSAYED by Loring Laboratories Ltd. DATE August 12, 1986

SAMPLE No.	From	To	Feet	ppb Au.	ppb Pt.						
8	10	20	10	5	-30						

# ASSAY LOG

COMPANY S. BRITCUT

PROPERTY CUB

HOLE No. PSH-4

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

ASSAYED by Loring Laboratories Ltd.

DATE August 12, 1986

SAMPLE No.	From	To	Feet	ppb Au.	ppb Pt.								
10	0	10	10	15	-30								

# ASSAY LOG

COMPANY S. BRITCUT PROPERTY CUB HOLE No. PSH-5

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

ASSAYED by Loring Laboratories Ltd. DATE August 12, 1986

SAMPLE No.	From	To	Feet	ppb. Au.	ppb Pt.							
12	0	7	7	10	-30							

**ASSAY LOG**

COMPANY..... S. BRITCUT ..... PROPERTY..... CUB ..... HOLE No. PSH-6 .....

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

ASSAYED by..... Loring Laboratories Ltd. .... DATE August 12, 1986 .....

SAMPLE No.	From	To	Feet	ppb Au.	ppb Pt.							
14	10	20	10	Nil	-30							

# ASSAY LOG

COMPANY S. BRITCUT PROPERTY CUB HOLE No. PSH-7

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

ASSAYED by Loring Laboratories Ltd.

DATE August 12, 1986

SAMPLE No.	From	To	Feet	ppb Au.	ppb Pt.							
16	10	20	10	25	30							
17	20	25	5	5	-30							

# ASSAY LOG

COMPANY S. BRITCUT PROPERTY CUB HOLE No. PSH-8

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

ASSAYED by Loring Laboratories Ltd. DATE August 12, 1986

SAMPLE No.	From	To	Feet	ppb Au.	ppb Pt.							
18	0	10	10	15	-30							
20	20	30	10	30	-30							
22	40	50	10	5	30							
24	60	70	10	10	-30							



# ASSAY LOG

COMPANY S. BRITCUT PROPERTY CUB HOLE No. PSH-9

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

ASSAYED by Loring Laboratories Ltd.

DATE August 12, 1986

SAMPLE No.	From	To	Feet	ppb Au.	ppb Pt.								
26	0	10	10	20	-30								
28	20	30	10	10	-30								
30	40	50	10	15	-30								
32	60	66	6	10	-30								

# ASSAY LOG

COMPANY S. BRITCUT

PROPERTY CUB

HOLE No. PSH-10

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

ASSAYED by Loring Laboratories Ltd.

DATE August 12, 1986

SAMPLE No.	From	To	Feet	ppb Au.	ppb Pt.							
34	10	20	10	5	-30							
36	30	40	10	Nil	-30							

# ASSAY LOG

COMPANY S. BRITCUT

PROPERTY CUB

HOLE No. PSH-11

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

ASSAYED by Loring Laboratories Ltd.

DATE August 12, 1986

SAMPLE No.	From	To	Feet	ppb Au.	ppb Pt.							
38	0	10	10	30	30							
40	20	30	10	25	-30							
42	40	50	10	10	-30							

# ASSAY LOG

COMPANY S. BRITCUT PROPERTY CUB HOLE No. S-14

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

ASSAYED by Loring Laboratories Ltd. DATE August 12, 1986

SAMPLE No.	From	To	Feet	ppb Au.	ppb Pt.								
48	20	30	10	5	-30								
50	40	50	10	35	30								
52	60	65	5	15	-30								
56	90	100	10	15	-30								
60	130	140	10	15	-30								
62	150	160	10	20	-30								
64	170	180	10	5	-30								
66	190	200	10	15	-30								
68	210	220	10	10	-30								
70	230	240	10	15	30								
72	250	260	10	10	-30								
74	270	280	10	10	30								
76	290	300	10	10	-30								
78	310	320	10	10	-30								

# ASSAY LOG

COMPANY S. BRITCUT

PROPERTY CUB

HOLE No. S-14

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

ASSAYED by Loring Laboratories Ltd.

DATE August 12, 1986

SAMPLE No.	From	To	Feet	ppb Au.	ppb Pt.								
80	330	340	10	20	-30								
82	350	360	10	10	-30								
84	370	380	10	10	-30								
86	390	400	10	15	-30								
88	410	420	10	5	-30								
90	430	440	10	20	-30								

# ASSAY LOG

COMPANY S. BRITCUT

PROPERTY CUB

HOLE No. S-15

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

ASSAYED by Loring Laboratories Ltd.

DATE August 12, 1986

SAMPLE No.	From	To	Feet	ppb Au.	ppb Pt.							
1026	9	20	11	25	-30							
1028	30	40	10	15	-30							
1030	50	60	10	5	-30							
1032	70	80	10	10	-30							
1034	90	100	10	10	-30							
1036	110	120	10	15	-30							
1038	130	140	10	10	-30							
1039	140	150	10	15	-30							
1040	150	160	10	15	-30							
1042	170	180	10	25	-30							
1044	190	200	10	20	-30							
1045	200	210	10	15	-30							
1046	210	220	10	20	-30							
1048	230	240	10	25	30							
1050	250	260	10	15	-30							
1052	270	280	10	30	-30							

# ASSAY LOG

COMPANY S. BRITCUT PROPERTY CUB HOLE No. S-19

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

ASSAYED by Loring Laboratories Ltd. DATE August 12, 1986

SAMPLE No.	From	To	Feet	ppb Au.	ppb Pt.								
2288	30	40	10	30	-30								
2290	50	60	10	25	-30								
2292	70	80	10	20	30								
2294	90	100	10	35	-30								
2296	110	120	10	Nil	-30								
2298	130	140	10	25	30								
2300	150	160	10	25	-30								
2302	170	180	10	10	-30								
2304	190	200	10	10	-30								
2306	210	220	10	5	-30								
2308	230	240	10	5	-30								
2310	250	260	10	25	-30								
2312	270	280	10	20	30								
2314	290	300	10	15	-3								

# ASSAY LOG

COMPANY S. BRITCUT PROPERTY CUB HOLE No. S-19

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

ASSAYED by Loring Laboratories Ltd. DATE August 12, 1986

SAMPLE No.	From	To	Feet	ppb Au.	ppb Pt.									
2316	310	320	10	20	-30									
2318	330	340	10	15	-30									
2320	350	360	10	40	-30									
2322	370	380	10	20	-30									



# ASSAY LOG

COMPANY S. BRITCUT

PROPERTY CUB

HOLE No. S-20

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

ASSAYED by Loring Laboratories Ltd.

DATE August 12, 1986

SAMPLE No.	From	To	Feet	ppb Au.	ppb Pt.								
2324	10	20	10	15	-30								
2326	30	40	10	5	-30								
2328	50	60	10	5	-30								
2330	70	80	10	15	-30								
2332	90	100	10	10	-30								
2334	110	120	10	20	-30								
2336	130	140	10	20	-30								
2338	150	160	10	5	-30								
2340	170	180	10	15	-30								
2342	190	200	10	15	-30								
2344	210	220	10	20	-30								
2346	230	240	10	35	-30								
2348	250	260	10	Nil	-30								
2350	270	280	10	5	-30								

# ASSAY LOG

COMPANY S. BRITCUT PROPERTY CUB HOLE No. S-20

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

ASSAYED by Loring Laboratories Ltd. DATE August 12, 1986

SAMPLE No.	From	To	Feet	ppb Au.	ppb Pt.								
2352	290	300	10	20	-30								
2354	310	320	10	5	-30								
2356	330	340	10	25	-30								

# ASSAY LOG

COMPANY S. BRITCUT PROPERTY CUB HOLE No. S-21

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

ASSAYED by Loring Laboratories Ltd. DATE August 12, 1986

SAMPLE No.	From	To	Feet	ppb Au.	ppb Pt.								
2358	50	60	10	75	30								
2360	70	80	10	20	-30								
2362	90	100	10	10	-30								
2364	110	120	10	25	-30								
2366	130	140	10	25	-30								
2368	150	160	10	15	-30								
2370	170	180	10	Nil	-30								
2372	190	200	10	Nil	-30								
2374	210	220	10	Nil	-30								
2376	230	240	10	10	-30								
2378	250	260	10	5	-30								
2384	320	330	10	Nil	-30								
2386	340	350	10	10	-30								
2388	360	370	10	Nil	-30								

# ASSAY LOG

COMPANY S. BRITCUT PROPERTY CUB HOLE No. S-21

NVC engineering ltd.  
VANCOUVER, B.C.

ASSAYED by Loring Laboratories Ltd. DATE August 12, 1986

SAMPLE No.	From	To	Feet	ppb Au.	ppb Pt.									
2390	380	390	10	Nil	-30									
2394	430	450	20	Nil	-30									
2396	470	490	20	Nil	-30									
2398	510	530	20	5	30									
2400	550	570	20	5	-30									

# ASSAY LOG

COMPANY S. BRITCUT PROPERTY CUB HOLE No. S-22

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

ASSAYED by Loring Laboratories Ltd. DATE August 12, 1986

SAMPLE No.	From	To	Feet	ppb Au.	ppb Pt.								
2526	40	50	10	15	-30								
2528	60	70	10	10	30								
2530	80	90	10	5	-30								
2534	120	130	10	15	-30								
2536	140	150	10	10	-30								
2538	160	170	10	Nil	-30								
2540	180	190	10	15	-30								
2542	200	210	10	15	-30								
2544	230	250	20	10	-30								
2546	270	290	20	20	-30								
2548	310	330	20	15	-30								
2556	350	360	10	10	-30								

# ASSAY LOG

COMPANY S. BRITCUT PROPERTY CUB HOLE No. S-23

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

ASSAYED by Loring Laboratories Ltd. DATE August 12, 1986

SAMPLE No.	From	To	Feet	ppb Au.	ppb Pt.								
1168	12	20	8	20	-30								
1170	30	40	10	10	-30								
1172	50	60	10	25	-30								
1174	70	80	10	15	-30								
2252	90	100	10	10	-30								
2254	110	120	10	10	-30								
2256	130	140	10	15	30								
2258	150	160	10	10	-30								
2260	170	180	10	15	-30								
2262	190	200	10	20	30								
2264	210	220	10	5	-30								
2266	230	240	10	15	-30								
2268	250	260	10	20	-30								
2270	270	280	10	15	-30								

# ASSAY LOG

COMPANY S. BRITCUT

PROPERTY CUB

HOLE No. S-23

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

ASSAYED by Loring Laboratories Ltd.

DATE August 12, 1986

SAMPLE No.	From	To	Feet	ppb Au.	ppb Pt.							
2272	290	300	10	20	-30							
2274	310	320	10	20	-30							
2276	330	340	10	40	-30							
2278	350	360	10	25	-30							
2280	370	380	10	15	-30							
2282	390	403	13	10	-30							

# ASSAY LOG

COMPANY S. BRITCUT PROPERTY CUB HOLE No. S-24

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

ASSAYED by Loring Laboratories Ltd. DATE August 12, 1986

SAMPLE No.	From	To	Feet	ppb Au.	ppb Pt.									
1058	40	50	10	5	-30									
1060	60	70	10	20	-30									
1062	80	90	10	5	-30									
1064	100	110	10	20	-30									
1066	120	130	10	10	-30									
1068	140	150	10	5	-30									
1070	160	170	10	10	-30									
1074	190	199	9	5	-30									



# ASSAY LOG

COMPANY S. BRITCUT

PROPERTY CUB

HOLE No. S-25

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

ASSAYED by Loring Laboratories Ltd.

DATE August 12, 1986

SAMPLE No.	From	To	Feet	ppb Au.	ppb Pt.																
2284	10	20	10	20	-30																
2286	30	40	10	20	30																

# ASSAY LOG

COMPANY S. BRITCUT PROPERTY CUB HOLE No. S-27

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

ASSAYED by Loring Laboratories Ltd. DATE August 12, 1986

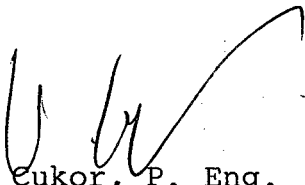
SAMPLE No.	From	To	Feet	ppb AU.	ppb Pt.							
1152	20	30	10	5	-30							
1154	40	50	10	10	-30							
1156	60	80	10	20	30							
1158	90	100	10	25	30							
1160	110	120	10	Nil	-30							
1162	130	140	10	10	-30							
1164	150	160	10	15	30							
1166	170	180	10	20	-30							

CERTIFICATE

I, VLADIMIR CUKOR, of 304 - 1720 Barclay Street,  
Vancouver, British Columbia, DO HEREBY CERTIFY THAT:

1. I am a Consulting Engineer with NVC Engineering Ltd. 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-four years, in Europe and North America in engineering geology, hydro-geology and exploration for base metals and precious metals;
5. I have personally examined the property described in this Report and I have reviewed the information on the general area available to me.

October, 1987



V. Cukor, P. Eng.

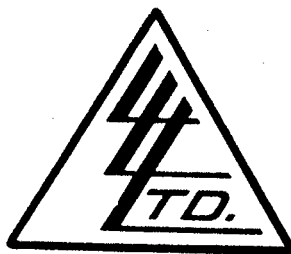
NVC ENGINEERING LTD.

APPENDIX B

ASSAY REPORTS

To: NVC ENGINEERING  
 2830 W. 37th Avenue  
 Vancouver, B.C., V6N 2T6  
 Attn: Vladimir Cukor

File No. 28809  
 Date August 12, 1986  
 Samples Core



Certificate of  
**ASSAY** of  
**LORING LABORATORIES LTD.**

Page # 1

SAMPLE No.	PPB Au	PPB Pt
<u>"Geochemical Analysis"</u>		
2	60	30
4	30	-30
6	10	-30
8	5	-30
10	15	-30
12	10	-30
14	Nil	-30
16	25	30
17	5	-30
18	15	-30
20	30	-30
22	5	30
24	10	-30
26	20	-30
28	10	-30
30	15	-30
32	10	-30
34	5	-30
36	Nil	-30
38	30	30
40	25	-30
42	10	-30
44	20	-30
46	15	-30
48	5	-30
50	35	30
52	15	-30

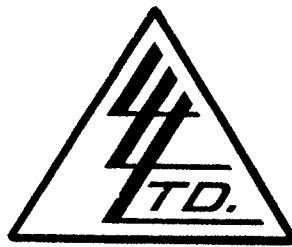
**I Hereby Certify** THAT THE ABOVE RESULTS ARE THOSE  
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES . . . .

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

*D. Zales*

Assayer

To: NVC ENGINEERING  
2830 W. 37th Avenue  
Vancouver, B.C., V6N 2T6  
Attn: Vladimir Cukor



File No. 28809  
Date August 12, 1986  
Samples Core

*Certificate of*  
**ASSAY of**  
**LORING LABORATORIES LTD.**

Page # 2

SAMPLE No.	PPB Au	PPB Pt
<u>"Geochemical Analysis"</u>		
56	15	-30
60	15	-30
62	20	-30
64	5	-30
66	15	-30
68	10	-30
70	15	30
72	40	-30
74	10	30
76	10	-30
78	10	-30
80	20	-30
82	10	-30
84	10	-30
86	15	-30
88	5	-30
90	20	-30
1026	25	-30
1028	15	-30
1030	5	-30
1032	10	-30
1034	10	-30
1036	15	-30
1038	10	-30
1039	15	-30
1040	15	-30
1042	25	-30

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

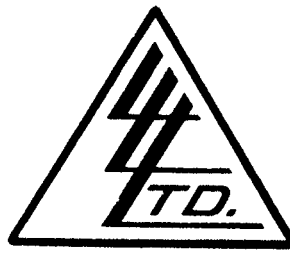
Rejects Retained one month.  
Pulps Retained one month  
unless specific arrangements  
made in advance.

*D. E. [Signature]*

Assayer

To: NVC ENGINEERING  
 2830 W 37th Avenue  
 Vancouver, B.C., V6N 2T6  
 Attn: Vladimir Cukor

File No. 28809  
 Date August 12, 1986  
 Samples Core



Certificate of  
**ASSAY** of  
**LORING LABORATORIES LTD.**

Page # 3

SAMPLE No.	PPB Au	PPB Pt
<u>"Geochemical Analysis"</u>		
1044	20	-30
1045	15	-30
1046	20	-30
1048	25	30
1050	15	-30
1052	30	-30
1056	20	-30
1058	5	-30
1060	20	-30
1062	5	-30
1064	20	-30
1066	10	-30
1068	5	-30
1070	10	-30
1074	5	-30
1152	5	-30
1154	10	-30
1156	20	30
1158	25	30
1160	Nil	-30
1162	10	-30
1164	15	30
1166	20	-30
1168	20	-30
1170	10	-30
1172	25	-30
1174	15	-30

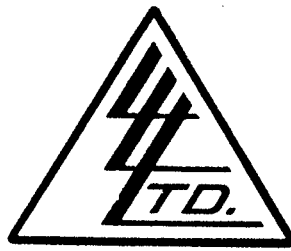
**I Hereby Certify** THAT THE ABOVE RESULTS ARE THOSE  
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES . . . .

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

*T. Zudov*

Assayer

To: NVC ENGINEERING  
2830 W. 37th Avenue  
Vancouver, B.C., V6N 2T6  
Attn: Vladimir Cukor



File No. 28809  
Date August 12, 1986  
Samples Core

*Certificate of*  
**ASSAY of**  
**LORING LABORATORIES LTD.**

Page # 4

SAMPLE No.	PPB Au	PPB Pt
<u>"Geochemical Analysis"</u>		
2252	10	-30
2254	10	-30
2256	15	30
2258	10	-30
2260	15	-30
2262	20	30
2264	5	-30
2266	15	-30
2268	20	-30
2270	15	-30
2272	20	-30
2274	20	-30
2276	40	-30
2278	25	-30
2280	15	-30
2282	10	-30
2284	20	-30
2286	20	30
2288	30	-30
2290	25	-30
2292	20	30
2294	35	-30
2296	Nil	-30
2298	25	30
2300	25	-30
2302	10	-30
2304	10	-30
2306	5	-30

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

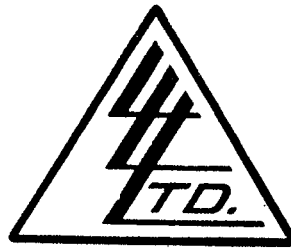
Rejects Retained one month.  
Pulps Retained one month  
unless specific arrangements  
made in advance.

*D. Eudes*

Assayer



To: NVC ENGINEERING  
 2830 W 37th Avenue  
 Vancouver, B.C., V6N 2T6  
 Attn: Vladimir Cukor



File No. 28809  
 Date August 12, 1986  
 Samples Core

*Certificate of*  
**ASSAY OF**  
**LORING LABORATORIES LTD.**

Page # 5

SAMPLE No.	PPB	PPB
	Au	Pr
<u>"Geochemical Analysis"</u>		
2308	5	-30
2310	25	-30
2312	20	30
2314	15	-30
2316	20	-30
2318	15	-30
2320	40	-30
2322	20	-30
2324	15	-30
2326	5	-30
2328	5	-30
2330	15	-30
2332	10	-30
2334	20	-30
2336	20	-30
2338	5	-30
2340	15	-30
2342	15	-30
2344	20	-30
2346	35	-30
2348	Nil	-30
2350	5	-30
2352	20	-30
2354	5	-30
2356	25	-30
2358	75	30
2360	20	-30
2362	10	-30

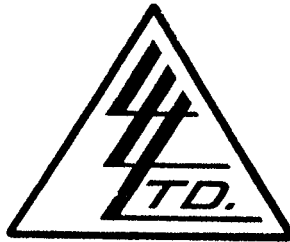
**I Hereby Certify** THAT THE ABOVE RESULTS ARE THOSE  
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES . . . .

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

*D. Enslin*

Assayer

To: NVC ENGINEERING  
 2830 W. 37th Avenue  
 Vancouver, B.C., V6N 2T6  
 Attn: Vladimir Cukor



File No. 28809  
 Date August 12, 1986  
 Samples Core

Certificate of  
**ASSAY** of  
**LORING LABORATORIES LTD.**

Page # 6

SAMPLE No.	PPB Au	PPB Pt
<u>"Geochemical Analysis"</u>		
2364	25	-30
2366	25	-30
2368	15	-30
2370	Nil	-30
2372	Nil	-30
2374	Nil	-30
2376	10	-30
2378	5	-30
2384	Nil	-30
2386	10	-30
2388	Nil	-30
2390	Nil	-30
2394	Nil	-30
2396	Nil	-30
2398	5	30
2400	5	-30
2526	15	-30
2528	10	30
2530	5	-30
2534	15	-30
2536	10	-30
2538	Nil	-30
2540	15	-30
2542	15	-30
2544	10	-30
2546	20	-30
2548	15	-30
2550	10	-30

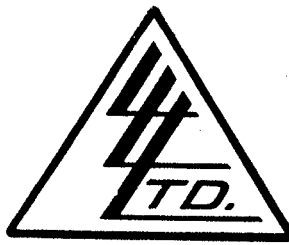
**I Hereby Certify** THAT THE ABOVE RESULTS ARE THOSE  
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES . . . .

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

*D. Edwards*

Assayer

To: NVC ENGINEERING  
 2830 W. 37th Avenue  
 Vancouver, B.C., V6N 2T6  
 Attn: Vladimir Cukor



File No. 28809  
 Date August 12, 1986  
 Samples Rock

Certificate of  
**ASSAY** of  
**LORING LABORATORIES LTD.**

Page # 7

SAMPLE No.	PPB Au	PPB Pt
<u>"Geochemical Analysis"</u>		
2551	10	-30
2552	40	-30
2553	15	30
2554	10	-30
2555	30	30
2556	10	-30
<p><b>I</b> <b>Hereby Certify</b> THAT THE ABOVE RESULTS ARE THOSE          ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES . . . .</p>		

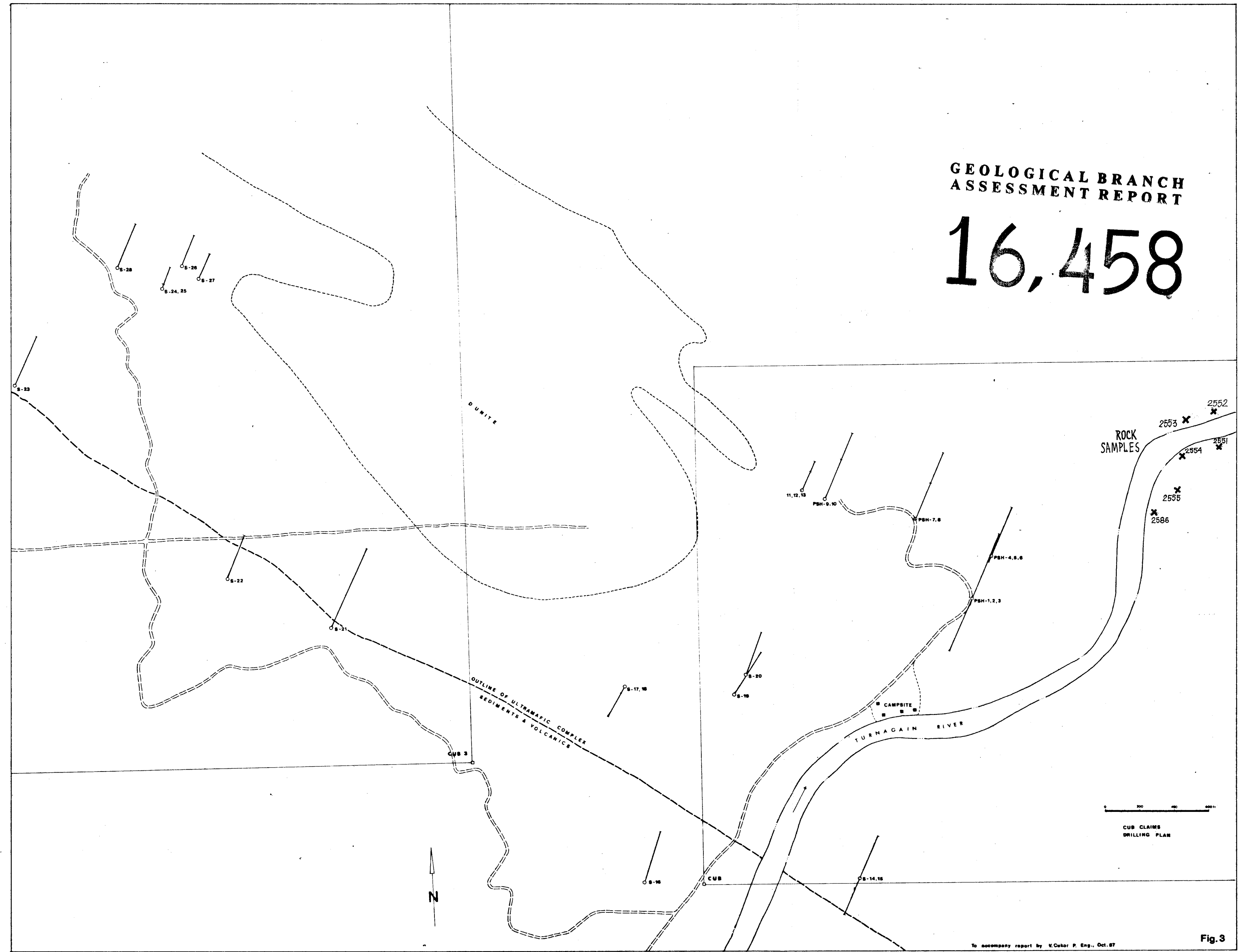
Rejects Retained one month.  
 Pulps Retained one month  
 unless specific arrangements  
 made in advance.

*V. Cukor*

Assayer

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

16,458



To accompany report by V. Cator P. Eng., Oct. 87

Fig. 3