

87-26-15524

Report on the  
Ymir - Goodenough  
Drilling Project 1986  
Ymir Area

Nelson Mining Division

49°19.4' North Latitude; 117°10.2' West Longitude

N.T.S. 82F/6E

on behalf of

*Owner/Operator:* NuDawn Resources Inc.

by

John R. Poloni, B.Sc., P.Eng.

October 29, 1986

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

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## TABLE OF CONTENTS

	<u>Page No.</u>
1.0 SUMMARY AND CONCLUSIONS	1
2.0 INTRODUCTION	2
Property Location Map - Plan No. 1	3
3.0 LOCATION AND ACCESSIBILITY	4
4.0 CLAIM INFORMATION	5
5.0 PHYSICAL FEATURES	6
6.0 HISTORY	6 - 7
7.0 GEOLOGY	
7.1 Regional Geology	7
7.2 Local Geology	8
8.0 SURFACE AND UNDERGROUND DRILLING 1986	9 - 19
9.0 TRENCHING	19
10.0 RECOMMENDATIONS	20
11.0 APPENDICES	
Appendix A - Diamond Drill Logs, Rotary Logs, and Assay Data	21
Appendix B - References	22 - 23
Appendix C - Certificate	24 - 25
Appendix D - Maps	26
Appendix E - Cost Statement	27

1.0 SUMMARY AND CONCLUSIONS

NuDawn Resources Inc. owns the Ymir property situated five kilometers northeast of the town of Ymir, British Columbia. The property has a long production history dating back to the turn of the century with the most recent production from the Goodenough terminating in the 1970's.

During 1984 surveys of geology, geochemistry, trenching and diamond drilling were undertaken. Recent work in 1986 was designed to complete recommendations made after the completion of the 1984 work.

The 1986 underground diamond drill program, while successful in tracing the down dip continuation of the Ymir quartz vein structure, indicates that values are low.

## 2.0 INTRODUCTION

NuDawn Resources Inc. owns the Ymir property consisting of a group of Crown Granted contiguous claims, three metric claims and fractions situated approximately 5 kilometers northeast of Ymir, British Columbia.

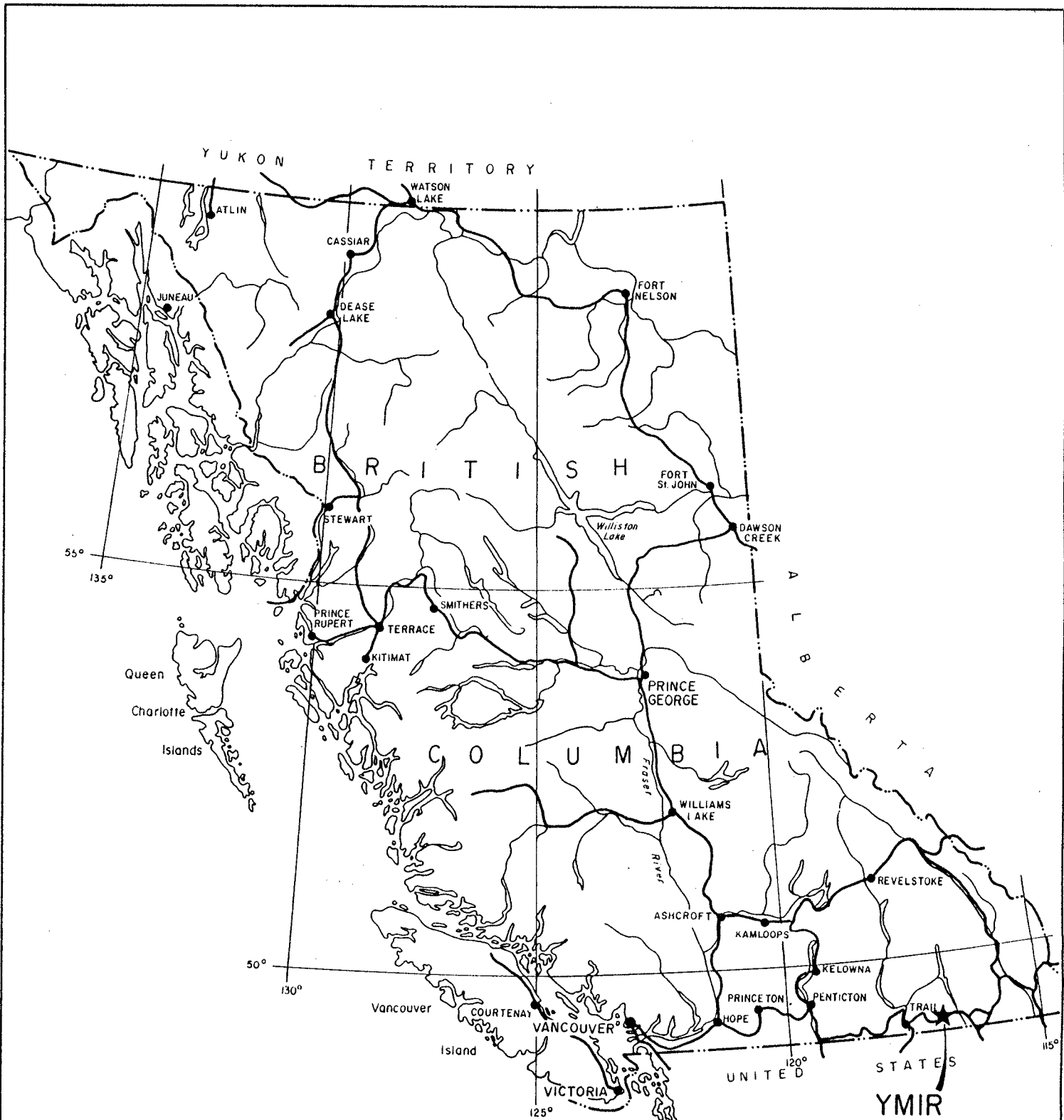
The property has been known since before the turn of the century and has been a producer at various stages until the 1970's. Total production from the Ymir zone between 1895-1950 was 366,983 tons grading 0.299 Au oz/T, 1.25 Ag oz/T, 1.43% Pb and 0.24% Zn, and from the Goodenough zone between 1898-1973, was 16,745 tons grading 0.638 Au oz/T, 4.96 Ag oz/T, 4.5% Pb and 4.6% Zn.

Recent work completed in 1984 was surface geochemistry, trenching, geological mapping, and surface and underground diamond drilling.

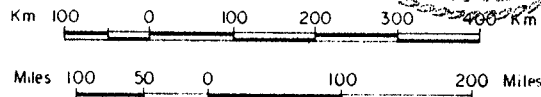
This report is a summary of 1986 rotary and underground drilling completed during the period September 11 - October 21, 1986 as a supplement to previous surveys.

Property Location Map

Plan No. 1



**YMIR  
PROPERTY**



NU DAWN RESOURCES INC.		
<b>YMIR PROPERTY PROPERTY LOCATION MAP</b>		
NELSON MINING DIVISION BRITISH COLUMBIA		
JOHN R POLONI & ASSOCIATES LTD.		
Drawn	J R P	Checked: J R P
Scale:	As shown	Date: Oct. 29, 1986
		Plan No. I

### 3.0 LOCATION AND ACCESSIBILITY

The Ymir - Goodenough property is located about 5 kilometers northeast of the town of Ymir, approximately midway between Nelson and Salmo, B.C.

Ymir lies on Highway #6 and is serviced by the Burlington Northern Railway. Castlegar, the nearest location for commercial air transportation, lies approximately 60 kilometers to the west on Highway #3. The smelter at Trail, B.C. is situated 60 kilometers to the west. Location of the property is described as 49°17' North Latitude; 117°10' West Longitude NTS 82F/6E.

Access to the claims from Ymir is via good all-weather gravel roads extending from an elevation of 900 meters in the valley to 1800 meters elevation at the upper workings. Old dozer roads, horse trails and access roads were cleaned out to provide drilling access near the Ymir Glory Hole for the rotary truck mounted drill machine.

4.0 CLAIM INFORMATION

The property consists of a group of contiguous Crown Granted claims and fractions and three metric grid claims described as follows:

<u>Claim Name</u>	<u>Lot No.</u>	<u>Expiry Date</u>
Ymir C.G.	1708	
Rockland C.G.	1709	
Mugwamp	1710	
Golden Horn	1711	
Nora Fraction	2301	
Pountney Fraction	2302	
Lawrence Fraction	2303	
Protection #1 (20 units)	2129	January 30
Protection #2 (8 units)	2130	January 30
Protection #3 (4 units)	2131	January 30
Ymir Fraction (1 unit)		January 30
Ymir Fraction #2 (1 unit)		January 30

The Ymir - Goodenough property covering the workings of the Ymir Consolidated and Protection (Goodenough) Mines and two old mill sites and various tailings ponds are owned by NuDawn Resources Inc.

A fractional piece of ground, Lot No. 13025, is an escheated claim, currently owned by the Government of the Province of British Columbia. The company has a right of access and is negotiating a purchase agreement.



## 5.0 PHYSICAL FEATURES

The property is situated on the southeast slopes of Mt. Elise with elevations ranging between 900 and 1800 meters. Generally slopes are from moderate to steep, and are covered with dense slide alder mixed with deciduous and coniferous trees, making traversing difficult.

The climate is moderate with temperatures ranging between  $-20^{\circ}\text{C}$  and  $+30^{\circ}\text{C}$  and precipitation approximating 600 mm annually. Snowfall is about 100 to 150 cm.

## 6.0 HISTORY

There has been a long and extensive history of exploration, development and mining on the claims dating back to 1895. The claims have been reported on in the British Columbia Department of Mines Annual Reports from 1897 to 1944 and occasionally afterwards.

The history has been summarized by Sheppard, E.P., P.Eng. in a report dated April 5, 1984 and will not be repeated. A summary of the total production is stated as follows:

- Ymir Zone, 1895 - 1950

366,983 tons grading 0.299 Au oz/T, 1.25 Ag oz/T, 1.43% Pb and 0.24% Zn.

- Protection - Goodenough, 1898 - 1973

16,745 tons grading 0.638 Au oz/T, 4.96 Ag oz/T, 4.5% Pb

## 6.0 HISTORY, cont'd.

and 4.6% Zn. Included was 1,134 lbs. cadmium.

Recent work consists of the 1984 program of geology, geochemistry, trenching, and surface and underground diamond drilling as summarized by Mr. B.E. Spencer in a February 8, 1985 report for NuDawn and C.T. Exploranda.

## 7.0 GEOLOGY

### 7.1 Regional Geology

The Ymir group of rocks consisting of argillite, slate, minor impure limestone, and impure quartzite occur in a belt from one to three miles wide extending from south of Porcupine Creek to the east of Nelson. This group has been correlated with the Triassic Slocan Group on the basis of lithology.

The Rossland Formation consisting of volcanic rocks and minor shale overlies the Ymir and Slocan Groups. This belt ranges in width from one to two miles with a calculated thickness of 9000 feet.

Much of the Nelson area is underlain by Nelson and Valhalla plutonic rocks of the Nelson batholith which have been assigned to Lower Cretaceous in age.

Numerous dykes and faults occur throughout the area.

## 7.0 GEOLOGY

### 7.2 Local Geology

The Ymir - Goodenough property of NuDawn Resources is underlain by argillites, slates, minor impure limestone and quartzite of the Ymir Group. Felsite, granite, and lamprophyre dykes of varying sizes and attitudes are common.

The Ymir quartz filled shear zone or fissure has a strike of N60°E and dips 60-70°NW, with widths ranging from 1 meter to 24 meters. The Bonanza ore shoot had a length of 150 meters, width of 3 to 24 meters, depth of approximately 150 meters, and contained approximately 0.3 Au oz/T and 1.0 Ag oz/T.

The Protection - Goodenough veins have a similar trends as the Ymir, but are thinner and of higher grades.

8.0 SURFACE AND UNDERGROUND DRILLING 1986

Concurrent programs of Reverse Circulation & Diamond Drilling were undertaken during September and October 1986.

The rotary reverse circulation work consisted of five inclined holes completed by Northspan Exploration Ltd. to test an extensive gold soil geochemical anomaly outlined in the 1984 surveys. The five holes were planned to cross cut the geological trends and investigated the anomaly which had several high values to a maximum of 1350 PPb. Geochemical and drill hole data is shown on Plan No. 4 which is included in Appendix D.

Assay data was low for all holes with the best results being obtained in hole 86-R-3 and 86-R-5. The total footage completed was 975 feet. Data is tabulated as follows: (with copies of assay data included in Appendix A)

<u>Hole No.</u>	<u>Brg.</u>	<u>Dip</u>	<u>Depth</u>	<u>Interval</u>	<u>Assay</u>			
					<u>Au</u> oz/T	<u>Ag</u> oz/T	<u>Pb</u> %	<u>Zn</u> %
86-R-1	331°	-50°	200'	5-10	0.001	0.01	0.01	0.02
				10-15	0.001	0.01	0.01	0.02
				15-20	0.001	0.01	0.02	0.01
				20-25	0.001	0.01	0.01	0.03
				25-30	0.001	0.06	0.01	0.06
				30-35	0.001	0.02	0.01	0.08
				35-40	0.001	0.02	0.01	0.03
				40-45	0.001	0.02	0.01	0.02
				45-50	0.001	0.01	0.02	0.04
				50-55	0.001	0.03	0.001	0.09
				55-60	0.001	0.04	0.01	0.07

1 Foot = 0.3048 metres  
Core stored at  
John Mirko's residence  
Airport Road  
Salmo, B.C.

8.0 SURFACE AND UNDERGROUND DRILLING 1986, cont'd.

<u>Hole No.</u>	<u>Brg.</u>	<u>Dip</u>	<u>Depth</u>	<u>Interval</u>	<u>Assay</u>			
					<u>Au</u> <u>oz/T</u>	<u>Ag</u> <u>oz/T</u>	<u>Pb</u> <u>%</u>	<u>Zn</u> <u>%</u>
				60-65	0.001	0.01	0.01	0.02
				65-70	0.001	0.01	0.01	0.01
				70-75	0.001	0.01	0.01	0.02
				75-80	0.001	0.01	0.01	0.02
				80-85	0.001	0.01	0.01	0.02
				85-90	0.001	0.02	0.01	0.01
				90-95	0.001	0.01	0.01	0.02
				95-100	0.001	0.01	0.01	0.02
				100-105	0.001	0.01	0.01	0.02
				105-110	0.001	0.03	0.01	0.01
				110-115	0.001	0.03	0.01	0.02
				115-120	0.001	0.01	0.01	0.01
				120-125	0.001	0.01	0.01	0.01
				125-130	0.001	0.01	0.01	0.01
				130-135	0.001	0.01	0.01	0.02
				135-140	0.001	0.04	0.01	0.03
				140-145	0.001	0.05	0.01	0.04
				145-150	0.001	0.06	0.01	0.05
				150-155	0.001	0.01	0.01	0.07
				155-160	0.001	0.03	0.01	0.05
				160-165	0.005	0.03	0.01	0.07
				165-170	0.001	0.02	0.01	0.08
				170-175	0.001	0.02	0.01	0.05

8.0 SURFACE AND UNDERGROUND DRILLING 1986, cont'd.

<u>Hole No.</u>	<u>Brg.</u>	<u>Dip</u>	<u>Depth</u>	<u>Interval</u>	<u>Assay</u>			
					<u>Au</u> oz/T	<u>Ag</u> oz/T	<u>Pb</u> %	<u>Zn</u> %
				175-180	0.001	0.01	0.01	0.08
				180-185	0.001	0.02	0.01	0.09
				185-190	0.001	0.01	0.01	0.05
				190-195	0.001	0.02	0.01	0.02
				195-200	0.001	0.04	0.01	0.01
86-R-2	318 <sup>0</sup>	-50 <sup>0</sup>	200'	5-10	0.001	0.02	0.12	0.04
				10-15	0.001	0.01	0.02	0.03
				15-20	0.001	0.01	0.01	0.02
				20-25	0.001	0.03	0.01	0.01
				25-30	0.001	0.01	0.01	0.02
				30-35	0.001	0.01	0.01	0.03
				35-40	0.001	0.01	0.01	0.01
				40-45	0.001	0.01	0.01	0.02
				45-50	0.001	0.02	0.01	0.01
				50-55	0.001	0.04	0.01	0.01
				55-60	0.001	0.01	0.01	0.01
				60-65	0.001	0.03	0.01	0.01
				65-70	0.001	0.04	0.01	0.01
				70-75	0.001	0.03	0.01	0.02
				75-80	0.001	0.05	0.01	0.01
				80-85	0.001	0.02	0.01	0.01
				85-90	0.001	0.01	0.01	0.03
				90-95	0.001	0.03	0.01	0.02

8.0 SURFACE AND UNDERGROUND DRILLING 1986, cont'd.

<u>Hole No.</u>	<u>Brg.</u>	<u>Dip</u>	<u>Depth</u>	<u>Interval</u>	<u>Assay</u>			
					<u>Au</u> <u>oz/T</u>	<u>Ag</u> <u>oz/T</u>	<u>Pb</u> <u>%</u>	<u>Zn</u> <u>%</u>
86-R-3	170 <sup>0</sup>	-50 <sup>0</sup>	225'	5-10	0.034	0.06	0.07	0.05
				10-15	0.007	0.01	0.03	0.03
				15-20	0.001	0.01	0.01	0.01
				20-25	0.001	0.01	0.01	0.01
				25-30	0.001	0.01	0.01	0.01
				30-35	0.001	0.01	0.01	0.01
				35-40	0.001	0.02	0.01	0.01
				40-45	0.001	0.01	0.02	0.01
				45-50	0.001	0.01	0.01	0.01
				50-55	0.001	0.02	0.01	0.01
				55-60	0.001	0.01	0.01	0.01
				60-65	0.001	0.02	0.01	0.01
				65-70	0.001	0.02	0.01	0.01
				70-75	0.001	0.01	0.01	0.01
				75-80	0.001	0.02	0.01	0.01
				80-85	0.001	0.01	0.01	0.01
				85-90	0.001	0.01	0.01	0.01
				90-95	0.001	0.04	0.01	0.01
				95-100	0.001	0.01	0.01	0.01
				100-105	0.001	0.01	0.01	0.01
				105-110	0.001	0.01	0.01	0.01
				110-115	0.001	0.01	0.01	0.01
				115-120	0.001	0.01	0.01	0.01

8.0 SURFACE AND UNDERGROUND DRILLING 1986, cont'd.

<u>Hole No.</u>	<u>Brg.</u>	<u>Dip</u>	<u>Depth</u>	<u>Interval</u>	<u>Assay</u>			
					<u>Au</u> <u>oz/T</u>	<u>Ag</u> <u>oz/T</u>	<u>Pb</u> <u>%</u>	<u>Zn</u> <u>%</u>
				95-100	0.001	0.01	0.01	0.01
				100-105	0.001	0.02	0.02	0.02
				105-110	0.001	0.01	0.01	0.01
				110-115	0.001	0.02	0.01	0.02
				115-120	0.001	0.03	0.01	0.01
				120-125	0.001	0.01	0.01	0.02
				125-130	0.001	0.01	0.01	0.01
				130-135	0.001	0.01	0.01	0.01
				135-140	0.001	0.02	0.01	0.01
				140-145	0.001	0.04	0.01	0.02
				145-150	0.001	0.02	0.01	0.01
				150-155	0.001	0.01	0.01	0.06
				155-160	0.001	0.04	0.01	0.04
				160-165	0.001	0.01	0.01	0.05
				165-170	0.001	0.01	0.01	0.02
				170-175	0.001	0.01	0.01	0.04
				175-180	0.001	0.03	0.01	0.02
				180-185	0.001	0.02	0.01	0.02
				185-190	0.001	0.04	0.01	0.02
				190-195	0.001	0.01	0.01	0.02
				195-200	0.001	0.02	0.01	0.02



8.0 SURFACE AND UNDERGROUND DRILLING 1986, cont'd.

<u>Hole No.</u>	<u>Brg.</u>	<u>Dip</u>	<u>Depth</u>	<u>Interval</u>	<u>Assay</u>			
					<u>Au</u> <u>oz/T</u>	<u>Ag</u> <u>oz/T</u>	<u>Pb</u> <u>%</u>	<u>Zn</u> <u>%</u>
				120-125	0.001	0.01	0.01	0.01
				125-130	0.001	0.02	0.01	0.02
				130-135	0.001	0.03	0.01	0.02
				135-140	0.001	0.01	0.01	0.01
				140-145	0.001	0.01	0.01	0.01
				145-150	0.001	0.01	0.01	0.01
				150-155	0.001	0.01	0.01	0.01
				155-160	0.001	0.01	0.01	0.01
				160-165	0.001	0.01	0.01	0.01
				165-170	0.001	0.01	0.01	0.01
				170-175	0.001	0.01	0.01	0.01
				175-180	0.001	0.01	0.01	0.01
				180-185	0.001	0.01	0.01	0.01
				185-190	0.001	0.01	0.01	0.01
				190-195	0.001	0.01	0.01	0.01
				195-200	0.001	0.01	0.01	0.01
				200-205	0.001	0.01	0.01	0.01
				205-210	0.001	0.01	0.01	0.01
				210-215	0.001	0.01	0.01	0.01
				215-220	0.001	0.01	0.01	0.01
				220-225	0.001	0.01	0.01	0.01

8.0 SURFACE AND UNDERGROUND DRILLING 1986, cont'd.

<u>Hole No.</u>	<u>Brg.</u>	<u>Dip</u>	<u>Depth</u>	<u>Interval</u>	<u>Assay</u>			
					<u>Au</u> <u>oz/T</u>	<u>Ag</u> <u>oz/T</u>	<u>Pb</u> <u>%</u>	<u>Zn</u> <u>%</u>
86-R-4	294 <sup>0</sup>	-50 <sup>0</sup>	150'	5-10	0.001	0.01	0.01	0.02
				10-15	0.001	0.01	0.01	0.01
				15-20	0.001	0.01	0.01	0.01
				20-25	0.001	0.02	0.01	0.01
				25-30	0.001	0.03	0.01	0.01
				30-35	0.001	0.01	0.01	0.01
				35-40	0.001	0.02	0.01	0.01
				40-45	0.001	0.02	0.01	0.01
				45-50	0.001	0.01	0.01	0.01
				50-55	0.001	0.03	0.01	0.02
				55-60	0.001	0.04	0.01	0.01
				60-65	0.001	0.05	0.01	0.01
				65-70	0.001	0.02	0.01	0.01
				70-75	0.001	0.02	0.01	0.01
				75-80	0.004	0.01	0.01	0.01
				80-85	0.001	0.01	0.01	0.01
				85-90	0.001	0.01	0.01	0.01
				90-95	0.007	0.01	0.01	0.01
				95-100	0.001	0.01	0.01	0.01
				100-105	0.001	0.02	0.01	0.01
				105-110	0.001	0.01	0.01	0.01
				110-115	0.001	0.02	0.01	0.01
				115-120	0.001	0.01	0.01	0.01

8.0 SURFACE AND UNDERGROUND DRILLING 1986, cont'd.

<u>Hole No.</u>	<u>Brg.</u>	<u>Dip</u>	<u>Depth</u>	<u>Interval</u>	<u>Assay</u>			
					<u>Au oz/T</u>	<u>Ag oz/T</u>	<u>Pb %</u>	<u>Zn %</u>
				120-125	0.001	0.01	0.01	0.01
				125-130	0.001	0.01	0.01	0.01
				130-135	0.001	0.01	0.01	0.01
				135-140	0.001	0.01	0.01	0.01
				140-145	0.001	0.01	0.01	0.01
				145-150	0.001	0.01	0.01	0.01
86-R-5	326 <sup>0</sup>	-50 <sup>0</sup>	200'	5-10	0.001	0.01	0.01	0.01
				10-15	0.001	0.01	0.01	0.01
				15-20	0.001	0.01	0.01	0.01
				20-25	0.001	0.01	0.01	0.02
				25-30	0.001	0.01	0.01	0.01
				30-35	0.001	0.01	0.01	0.01
				35-40	0.001	0.01	0.01	0.01
				40-45	0.001	0.01	0.01	0.01
				45-50	0.001	0.01	0.01	0.01
				50-55	0.001	0.01	0.01	0.01
				55-60	0.001	0.01	0.01	0.02
				60-65	0.001	0.01	0.01	0.02
				65-70	0.001	0.01	0.01	0.01
				70-75	0.001	0.01	0.01	0.01
				75-80	0.001	0.01	0.01	0.01
				80-85	0.001	0.01	0.01	0.01

8.0 SURFACE AND UNDERGROUND DRILLING 1986, cont'd.

<u>Hole No.</u>	<u>Brg.</u>	<u>Dip</u>	<u>Depth</u>	<u>Interval</u>	<u>Assay</u>			
					<u>Au</u> <u>oz/T</u>	<u>Ag</u> <u>oz/T</u>	<u>Pb</u> <u>%</u>	<u>Zn</u> <u>%</u>
				85-90	0.002	0.04	0.01	0.01
				90-95	0.001	0.01	0.01	0.01
				95-100	0.001	0.05	0.01	0.01
				100-105	0.002	0.02	0.01	0.01
				105-110	0.004	0.05	0.01	0.02
				110-115	0.001	0.01	0.01	0.01
				115-120	0.002	0.01	0.01	0.01
				120-125	0.003	0.01	0.01	0.01
				125-130	0.001	0.01	0.01	0.01
				130-135	0.002	0.01	0.01	0.01
				135-140	0.001	0.01	0.01	0.01
				140-145	0.001	0.01	0.01	0.01
				145-150	0.001	0.01	0.01	0.01
				150-155	0.001	0.02	0.01	0.01
				155-160	0.003	0.03	0.01	0.01
				160-165	0.010	0.05	0.01	0.01
				165-170	0.001	0.03	0.01	0.01
				170-175	0.004	0.04	0.01	0.01
				175-180	0.003	0.03	0.01	0.01
				180-185	0.007	0.03	0.01	0.01
				185-190	0.001	0.01	0.01	0.01
				190-195	0.001	0.01	0.01	0.01
				195-200	0.001	0.01	0.01	0.01

8.0 SURFACE AND UNDERGROUND DRILLING 1986, cont'd.

Underground diamond drilling consisted of the completion of two holes for a total of 161.24 m from the same set-up with Y86-1 @ N9<sup>0</sup>E, +40<sup>0</sup>, for 75.285 m and Y86-2 @ N28<sup>0</sup>E, +37<sup>0</sup>, for 85.95 m. Both holes were successful in intersecting the Ymir quartz vein structure to the east of the main shaft and below the No. 7 stoped level. Assay data is as follows:

<u>Hole</u>	<u>No.</u>	<u>Interval</u>	<u>Width</u>	<u>Assay</u>			
				Au oz/T	Ag oz/T	Pb %	Zn %
		m	m				
<u>Y86-1</u>	1	41.75 - 43.28	1.53	0.001	0.01	0.01	0.01
	2	43.28 - 44.00	0.72	0.001	0.01	0.01	0.01
	3	44.00 - 44.40	0.40	0.007	0.04	0.02	0.02
	4	65.75 - 66.50	0.75	0.001	0.01	0.02	0.01
	5	66.50 - 67.66	1.16	0.018	0.54	0.58	0.35
	6	67.66 - 69.19	1.53	0.190	1.11	1.33	0.70
	7	69.19 - 69.94	0.75	0.005	0.35	0.08	0.22
<u>Y86-2</u>	8	55.30 - 56.52	1.22	0.001	0.01	0.01	0.01
	9	72.70 - 74.20	1.50	0.009	0.09	0.02	0.02
	10	74.20 - 74.77	0.57	0.001	0.02	0.01	0.01
	11	74.77 - 76.17	1.40	0.007	0.29	0.12	0.06
	12	76.17 - 78.12	1.95	0.001	0.12	0.23	0.29
	13	78.12 - 78.70	0.58	0.006	0.26	0.65	0.52
	14	78.70 - 79.15	0.45	0.001	0.01	0.01	0.01
	15	79.15 - 80.65	1.50	0.068	0.88	0.50	0.79
	16	80.65 - 81.64	0.99	0.001	0.03	0.01	0.01

8.0 SURFACE AND UNDERGROUND DRILLING 1986, cont'd.

<u>Hole</u>	<u>No.</u>	<u>Interval</u>	<u>Width</u>	<u>Assay</u>			
				Au oz/T	Ag oz/T	Pb %	Zn %
	17	81.64 - 82.96	1.32	0.001	0.06	0.01	0.02
	18	82.96 - 83.70	0.74	0.001	0.05	0.06	0.11

Copies of the drill logs are included in Appendix A.

9.0 TRENCHING

Dozer trenching was undertaken over two other geochemically anomalous zones established in the 1984 work program. These zones were to the immediate west of the Ymir Glory Hole, and downslope and southerly of the Goodenough portals. Results were generally discouraging with only thin concordant quartz stringers and veins being exposed. A sample from the second location, across a 0.30 meter concordant quartz vein, assayed 0.001 Au oz/T, 0.01 Ag oz/T, 0.01 Pb% and 0.01 Zn%.

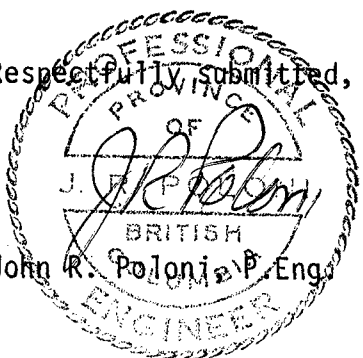
10.0 RECOMMENDATIONS

The recommendations of the Spencer, B.E., February 8, 1985 Report, has been completed for the most part. Untested soil geochemical anomalies have been trenched or drill tested using rotary reverse circulation methods. Underground drilling has further explored the downdip continuity of mineralization below the No. 7 level mined workings.

No attempt was made to confirm the suggested 95,000 tons of ore remaining in old stopes and stope extensions because of necessity of costly rehabilitation; and no additional soil geochemistry has been undertaken to cover the 10% portion of the property as recommended.

It would appear on the strength of the results of the 1986 trenching and drilling, that additional expenditures on the property must be considered as high risk. Further drilling, if contemplated, could test the Ymir structure to the east of Y86-1 and Y86-2 below the No. 7 level.

Respectfully submitted,



The seal is circular with a double-line border. The outer ring contains the text "PROFESSIONAL ENGINEER" at the top and "BRITISH COLUMBIA" at the bottom. The inner circle contains the text "PROVINCE OF" at the top, "J. R. Poloni" in the center (with a signature over it), and "BRITISH ENGINEER" at the bottom.

John R. Poloni P. Eng.

Appendix A

- 1.0 Diamond Drill Logs
- 2.0 Rotary Logs
- 3.0 Assay Data



NuDawn Resources

Ymir Project

Rotary Drill Holes

Log 86-R-1: Dip (-50<sup>0</sup>), Brg. 331<sup>0</sup>, Depth 200'

0 - 5' no sample, mostly road fill & o/b

5 - 200' Argillite - dirty brown-grey to black minor quartz  
frag. & py.

@ 50-55' - slightly more graphitic

@ 135-200' - slightly more graphitic

Log 86-R-2: Dip (-50<sup>0</sup>), Brg. 318<sup>0</sup>, Depth 200'

0 - 5' no sample o/b

5 - 200' Argillite - dirty brown-grey to black minor quartz  
frag. & py.

@ 55-65' - slightly more graphitic

Log 86-R-3: Dip (-50<sup>0</sup>), Brg. 170<sup>0</sup>, Depth 225'

0 - 5' no sample o/b

5 - 40' Argillite - dirty brownish-grey

40 - 45' Lamp. dyke, dark grey with minor ochre stn.

45 - 85' Argillite

85 - 90' Lamp. dyke, dark-grey with minor ochre stn.

90 - 225' Argillite

Log 86-R-4: Dip ( $-50^{\circ}$ ), Bearing  $294^{\circ}$ , Depth 150'

0 - 5' no sample

5 - 55' Argillite

55 - 60' Lamp. dyke, dirty grey (less than 5' as is mixed with minor argillite frags.)

60 - 150' Argillite

Log 86-R-5: Dip ( $-50^{\circ}$ ), Bearing  $326$ , Depth 200'

0 - 5' no sample o/b

5 - 90' Argillite

@ 20 - 25' slightly alt some ochre stn. (some breccia?)

90 - 100' Lamp. dyke dark-grey to black

100 - 105' Argillite, minor quartz frags.

105 - 115' Lamp. dyke, dark-grey black

115 - 200' Argillite

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TELEX: VIA USA 7601067 UC

Certificate of ASSAY

Company: NU DAWN RESOURCES  
 Project:  
 Attention: J. MIRKO/J.R. FOLONI/D. DROZD

*Fire Assay*

File: 6-1069/P1  
 Date: OCT. 29, 1986  
 Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	PB %	ZN %	AG G/TONNE	AG OZ/TON	AU G/TONNE	AU OZ/TON
YS-1	.01	.01	0.2	0.01	.01	0.001
UY-1	.01	.01	0.5	0.01	.01	0.001
UY-2	.01	.01	0.4	0.01	.02	0.001
UY-3	.02	.02	1.2	0.04	.24	0.007
UY-4	.02	.01	0.2	0.01	.01	0.001
UY-5	.58	.35	18.6	0.54	.63	0.018
UY-6	1.33	.70	38.0	1.11	6.50	0.190
UY-7	.08	.22	12.0	0.35	.17	0.005
UY-8	.01	.01	0.2	0.01	.02	0.001
UY-9	.02	.02	3.0	0.09	.31	0.009
UY-10	.01	.01	0.8	0.02	.01	0.001
UY-11	.12	.06	10.0	0.29	.23	0.007
UY-12	.23	.29	4.1	0.12	.03	0.001
UY-13	.65	.52	9.0	0.26	.19	0.006
UY-14	.01	.01	0.4	0.01	.01	0.001
UY-15	.50	.79	30.2	0.88	2.32	0.068
UY-16	.01	.01	1.0	0.03	.02	0.001
UY-17	.01	.02	1.9	0.06	.01	0.001
UY-18	.06	.11	1.8	0.05	.01	0.001
B6-R-1-5-10	.01	.02	0.3	0.01	.01	0.001
B6-R-1-10-15	.01	.02	0.2	0.01	.01	0.001
B6-R-1-15-20	.02	.01	0.5	0.01	.01	0.001
B6-R-1-20-25	.01	.03	0.4	0.01	.01	0.001
B6-R-1-25-30	.01	.06	2.0	0.06	.01	0.001
B6-R-1-30-35	.01	.08	0.8	0.02	.02	0.001
B6-R-1-35-40	.01	.03	0.6	0.02	.01	0.001
B6-R-1-40-45	.01	.02	0.7	0.02	.01	0.001
B6-R-1-45-50	.02	.04	0.4	0.01	.01	0.001
B6-R-1-50-55	.01	.09	1.0	0.03	.01	0.001
B6-R-1-55-60	.01	.07	1.2	0.04	.01	0.001

Certified by

*[Signature]*

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## Certificate of ASSAY

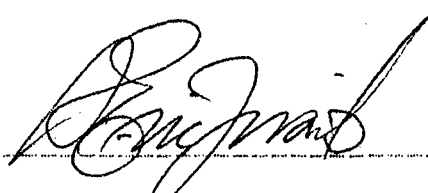
Company: NU DAWN RESOURCES  
 Project:  
 Attention: J. MIRKO/J.R.POLONI/D.DROZD

File: 6-1069/P2  
 Date: OCT. 31, 1986  
 Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	PB %	ZN %	AG G/TONNE	AG OZ/TON	ALU G/TONNE	ALU OZ/TON
86-R-1-60-65	.01	.02	0.2	0.01	.02	0.001
86-R-1-65-70	.01	.01	0.2	0.01	.01	0.001
86-R-1-70-75	.02	.02	0.3	0.01	.01	0.001
86-R-1-75-80	.01	.02	0.2	0.01	.02	0.001
86-R-1-80-85	.01	.02	0.2	0.01	.01	0.001
86-R-1-85-90	.01	.01	0.6	0.02	.01	0.001
86-R-1-90-95	.01	.02	0.5	0.01	.01	0.001
86-R-1-95-100	.01	.02	0.2	0.01	.02	0.001
86-R-1-100-105	.01	.02	0.2	0.01	.01	0.001
86-R-1-105-110	.01	.01	1.0	0.03	.01	0.001
86-R-1-110-115	.01	.02	1.0	0.03	.01	0.001
86-R-1-115-120	.01	.01	0.2	0.01	.01	0.001
86-R-1-120-125	.01	.01	0.2	0.01	.01	0.001
86-R-1-125-130	.01	.01	0.5	0.01	.04	0.001
86-R-1-130-135	.01	.02	0.4	0.01	.01	0.001
86-R-1-135-140	.01	.03	1.2	0.04	.01	0.001
86-R-1-140-145	.01	.04	1.6	0.05	.01	0.001
86-R-1-145-150	.01	.05	2.1	0.06	.01	0.001
86-R-1-150-155	.01	.07	0.4	0.01	.01	0.001
86-R-1-155-160	.01	.05	0.9	0.03	.02	0.001
86-R-1-160-165	.01	.07	1.0	0.03	.17	<u>0.005</u>
86-R-1-165-170	.01	.08	0.8	0.02	.02	0.001
86-R-1-170-175	.01	.05	0.6	0.02	.01	0.001
86-R-1-175-180	.01	.08	0.2	0.01	.01	0.001
86-R-1-180-185	.01	.09	0.7	0.02	.01	0.001
86-R-1-185-190	.01	.05	0.5	0.01	.01	0.001
86-R-1-190-195	.01	.02	0.6	0.02	.01	0.001
86-R-1-195-200	.01	.01	1.4	0.04	.01	0.001
86-R-2- 5-10	.12	.04	0.8	0.02	.01	0.001
86-R-2- 10-15	.02	.03	0.4	0.01	.01	0.001

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TELEX: VIA USA 7601067 UC

**Certificate of ASSAY**

Company: NU DAWN RESOURCES  
 Project:  
 Attention: J. MIRKO/J.R. POLONI/D. DROZD

File: 6-1069/P3  
 Date: OCT. 31, 1986  
 Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	PB %	ZN %	AG G/TONNE	AG OZ/TON	AU G/TONNE	AU OZ/TON
86-R-2- 15-20	.01	.02	0.3	0.01	.01	0.001
86-R-2- 20-25	.01	.01	1.1	0.03	.01	0.001
86-R-2- 25-30	.01	.02	0.4	0.01	.02	0.001
86-R-2- 30-35	.01	.03	0.2	0.01	.01	0.001
86-R-2- 35-40	.01	.01	0.3	0.01	.01	0.001
86-R-2- 40-45	.01	.02	0.3	0.01	.01	0.001
86-R-2- 45-50	.01	.01	0.8	0.02	.01	0.001
86-R-2- 50-55	.01	.01	1.3	0.04	.01	0.001
86-R-2- 55-60	.01	.01	0.1	0.01	.01	0.001
86-R-2- 60-65	.01	.01	1.0	0.03	.01	0.001
86-R-2- 65-70	.01	.01	1.4	0.04	.01	0.001
86-R-2- 70-75	.01	.02	0.9	0.03	.01	0.001
86-R-2- 75-80	.01	.01	1.7	0.05	.01	0.001
86-R-2- 80-85	.01	.01	0.6	0.02	.01	0.001
86-R-2- 85-90	.01	.03	0.3	0.01	.01	0.001
86-R-2- 90-95	.01	.02	0.9	0.03	.01	0.001
86-R-2- 95-100	.01	.01	0.4	0.01	.01	0.001
86-R-2-100-105	.02	.02	0.8	0.02	.01	0.001
86-R-2-105-110	.01	.01	0.2	0.01	.01	0.001
86-R-2-110-115	.01	.02	0.7	0.02	.01	0.001
86-R-2-115-120	.01	.01	0.9	0.03	.01	0.001
86-R-2-120-125	.01	.02	0.5	0.01	.01	0.001
86-R-2-125-130	.01	.01	0.1	0.01	.02	0.001
86-R-2-130-135	.01	.01	0.6	0.02	.01	0.001
86-R-2-135-140	.01	.01	0.4	0.01	.03	0.001
86-R-2-140-145	.01	.02	1.3	0.04	.01	0.001
86-R-2-145-150	.01	.01	0.7	0.02	.01	0.001
86-R-2-150-155	.01	.06	0.4	0.01	.02	0.001
86-R-2-155-160	.01	.04	1.2	0.04	.01	0.001
86-R-2-160-165	.01	.05	0.3	0.01	.01	0.001

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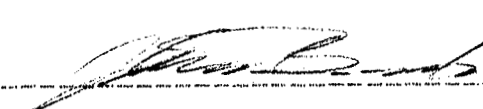
## Certificate of ASSAY

Company: NU DAWN RESOURCES  
 Project:  
 Attention: J. MIRKO/J.R. POLONI/D. DROZD

File: 6-1069/P4  
 Date: NOV 1/86  
 Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	PB %	ZN %	AG G/TONNE	AG OZ/TON	AU G/TONNE	AU OZ/TON
86-R-2-165-170	.01	.02	0.3	0.01	.01	0.001
86-R-2-170-175	.01	.04	0.4	0.01	.02	0.001
86-R-2-175-180	.01	.02	1.0	0.03	.01	0.001
86-R-2-180-185	.01	.02	0.6	0.02	.01	0.001
86-R-2-185-190	.01	.02	1.4	0.04	.01	0.001
86-R-2-190-195	.01	.02	0.5	0.01	.01	0.001
86-R-2-195-200	.01	.02	0.7	0.02	.05	0.001
86-R-3- 5- 10	.07	.05	1.9	0.06	1.16	0.034
86-R-3- 10- 15	.03	.03	0.3	0.01	.25	0.007
86-R-3- 15- 20	.01	.01	0.1	0.01	.01	0.001
86-R-3- 20- 25	.01	.01	0.2	0.01	.02	0.001
86-R-3- 25- 30	.01	.01	0.2	0.01	.01	0.001
86-R-3- 30- 35	.01	.01	0.3	0.01	.01	0.001
86-R-3- 35- 40	.01	.01	0.6	0.02	.01	0.001
86-R-3- 40- 45	.02	.01	0.2	0.01	.01	0.001
86-R-3- 45- 50	.01	.01	0.4	0.01	.02	0.001
86-R-3- 50- 55	.01	.01	0.8	0.02	.01	0.001
86-R-3- 55- 60	.01	.01	0.5	0.01	.01	0.001
86-R-3- 60- 65	.01	.01	0.7	0.02	.01	0.001
86-R-3- 65- 70	.01	.01	0.6	0.02	.01	0.001
86-R-3- 70- 75	.01	.01	0.4	0.01	.01	0.001
86-R-3- 75- 80	.01	.01	0.7	0.02	.01	0.001
86-R-3- 80- 85	.01	.01	0.3	0.01	.01	0.001
86-R-3- 85- 90	.01	.01	0.3	0.01	.01	0.001
86-R-3- 90- 95	.01	.01	1.2	0.04	.02	0.001
86-R-3- 95- 100	.01	.01	0.4	0.01	.01	0.001
86-R-3-100- 105	.01	.01	0.5	0.01	.01	0.001
86-R-3-105- 110	.01	.01	0.3	0.01	.01	0.001
86-R-3-110- 115	.01	.01	0.2	0.01	.01	0.001
86-R-3-115- 120	.01	.01	0.3	0.01	.01	0.001

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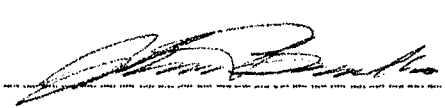
Certificate of ASSAY

Company: NU DAWN RESOURCES  
 Project:  
 Attention: J. MIRKO/J.R. POLONI/D. DROZD

File: 6-1069/P5  
 Date: NOV 1/86  
 Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	PB %	ZN %	AG G/TONNE	AG OZ/TON	AU G/TONNE	AU OZ/TON
86-R-3-120- 125	.01	.01	0.5	0.01	.01	0.001
86-R-3-125- 130	.01	.02	0.6	0.02	.01	0.001
86-R-3-130- 135	.01	.02	1.1	0.03	.01	0.001
86-R-3-135- 140	.01	.01	0.4	0.01	.02	0.001
86-R-3-140- 145	.01	.01	0.2	0.01	.01	0.001
86-R-3-145- 150	.01	.01	0.1	0.01	.01	0.001
86-R-3-150- 155	.01	.01	0.3	0.01	.03	0.001
86-R-3-155- 160	.01	.01	0.1	0.01	.01	0.001
86-R-3-160- 165	.01	.01	0.4	0.01	.01	0.001
86-R-3-165- 170	.01	.01	0.3	0.01	.01	0.001
86-R-3-170- 175	.01	.01	0.3	0.01	.01	0.001
86-R-3-175- 180	.01	.01	0.4	0.01	.01	0.001
86-R-3-180- 185	.01	.01	0.2	0.01	.01	0.001
86-R-3-185- 190	.01	.01	0.1	0.01	.01	0.001
86-R-3-190- 195	.01	.01	0.2	0.01	.01	0.001
86-R-3-195- 200	.01	.01	0.1	0.01	.01	0.001
86-R-3-200- 205	.01	.01	0.2	0.01	.01	0.001
86-R-3-205- 210	.01	.01	0.2	0.01	.01	0.001
86-R-3-210- 215	.01	.01	0.1	0.01	.01	0.001
86-R-3-215- 220	.01	.01	0.1	0.01	.01	0.001
86-R-3-220- 225	.01	.01	0.2	0.01	.01	0.001
86-R-4- 5- 10	.01	.02	0.3	0.01	.01	0.001
86-R-4- 10- 15	.01	.01	0.5	0.01	.01	0.001
86-R-4- 15- 20	.01	.01	0.3	0.01	.01	0.001
86-R-4- 20- 25	.01	.01	0.8	0.02	.02	0.001
86-R-4- 25- 30	.01	.01	1.0	0.03	.01	0.001
86-R-4- 30- 35	.01	.01	0.4	0.01	.02	0.001
86-R-4- 35- 40	.01	.01	0.7	0.02	.01	0.001
86-R-4- 40- 45	.01	.01	0.6	0.02	.01	0.001
86-R-4- 45- 50	.01	.01	0.4	0.01	.01	0.001

Certified by 

MIN-EN LABORATORIES LTD.

# MIN-EN LABORATORIES LTD.

*Specialists in Mineral Environments*

705 West 15th Street North Vancouver, B.C. Canada V7N 1T2

PHONE: (604)980-5814 OR (604)988-4524

TELEX: VIA USA 7601067 UC

## Certificate of ASSAY

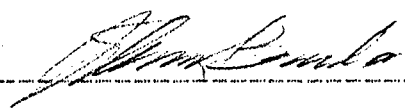
Company: NU DAWN RESOURCES  
 Project:  
 Attention: J. MIRKO/J.R. POLONI

File: 6-1069/P6  
 Date: NOV 1/86  
 Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number			PB %	ZN %	AG G/TONNE	AG OZ/TON	AU G/TONNE	AU OZ/TON
86-R-4- 50-	55		.01	.02	1.0	0.03	.01	0.001
86-R-4- 55-	60		.01	.01	1.2	0.04	.03	0.001
86-R-4- 60-	65		.01	.01	1.6	0.05	.02	0.001
86-R-4- 65-	70		.01	.01	0.8	0.02	.01	0.001
86-R-4- 70-	75		.01	.01	0.6	0.02	.03	0.001
86-R-4- 75-	80		.01	.01	0.4	0.01	.12	0.004
86-R-4- 80-	85		.01	.01	0.2	0.01	.03	0.001
86-R-4- 85-	90		.01	.01	0.3	0.01	.03	0.001
86-R-4- 90-	95		.01	.01	0.2	0.01	.24	0.007
86-R-4- 95-	100		.01	.01	0.4	0.01	.05	0.001
86-R-4-100-	105		.01	.01	0.8	0.02	.02	0.001
86-R-4-105-	110		.01	.01	0.4	0.01	.01	0.001
86-R-4-110-	115		.01	.01	0.8	0.02	.04	0.001
86-R-4-115-	120		.01	.01	0.5	0.01	.01	0.001
86-R-4-120-	125		.01	.01	0.3	0.01	.01	0.001
86-R-4-125-	130		.01	.01	0.4	0.01	.05	0.001
86-R-4-130-	135		.01	.01	0.1	0.01	.01	0.001
86-R-4-135-	140		.01	.01	0.2	0.01	.02	0.001
86-R-4-140-	145		.01	.01	0.2	0.01	.05	0.001
86-R-4-145-	150		.01	.01	0.2	0.01	.01	0.001
86-R-5- 5-	10		.01	.01	0.5	0.01	.01	0.001
86-R-5- 10-	15		.01	.01	0.3	0.01	.01	0.001
86-R-5- 15-	20		.01	.01	0.2	0.01	.01	0.001
86-R-5- 20-	25		.01	.02	0.4	0.01	.01	0.001
86-R-5- 25-	30		.01	.01	0.2	0.01	.01	0.001
86-R-5- 30-	35		.01	.01	0.1	0.01	.02	0.001
86-R-5- 35-	40		.01	.01	0.4	0.01	.02	0.001
86-R-5- 40-	45		.01	.01	0.2	0.01	.04	0.001
86-R-5- 45-	50		.01	.01	0.1	0.01	.01	0.001
86-R-5- 50-	55		.01	.01	0.2	0.01	.03	0.001

Certified by \_\_\_\_\_



MIN-EN LABORATORIES LTD.



**MIN-EN LABORATORIES LTD.**

*Specialists in Mineral Environments*

705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

PHONE: (604)980-5814 OR (604)988-4524

TELEX: VIA USA 7601067 UC

**Certificate of ASSAY**

Company: NU DAWN RESOURCES  
 Project:  
 Attention: J. MIRKO/J.R. POLONI/D. DROZD

File: 6-1069/P7  
 Date: NOV 1/86  
 Type: RDCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number		PB %	ZN %	AG G/TONNE	AG OZ/TON	AU G/TONNE	AU OZ/TON
86-R-5-55-	60	.01	.02	0.5	0.01	.02	0.001
86-R-5-60-	65	.01	.02	0.4	0.01	.01	0.001
86-R-5-65-	70	.01	.01	0.3	0.01	.02	0.001
86-R-5-70-	75	.01	.01	0.2	0.01	.01	0.001
86-R-5-75-	80	.01	.01	0.6	0.02	.01	0.001
86-R-5-80-	85	.01	.01	0.5	0.01	.03	0.001
86-R-5-85-	90	.01	.01	1.2	0.04	.07	0.002
86-R-5-90-	95	.01	.01	0.5	0.01	.01	0.001
86-R-5-95-	100	.01	.01	1.8	0.05	.01	0.001
86-R-5-100-	105	.01	.01	0.7	0.02	.06	0.002
86-R-5-105-	110	.01	.02	1.8	0.05	.12	0.004
86-R-5-110-	115	.01	.01	0.2	0.01	.01	0.001
86-R-5-115-	120	.01	.01	0.3	0.01	.06	0.002
86-R-5-120-	125	.01	.01	0.4	0.01	.10	0.003
86-R-5-125-	130	.01	.01	0.2	0.01	.03	0.001
86-R-5-130-	135	.01	.01	0.5	0.01	.08	0.002
86-R-5-135-	140	.01	.01	0.2	0.01	.01	0.001
86-R-5-140-	145	.01	.01	0.2	0.01	.01	0.001
86-R-5-145-	150	.01	.01	0.2	0.01	.01	0.001
86-R-5-150-	155	.01	.01	0.8	0.02	.03	0.001
86-R-5-155-	160	.01	.01	1.0	0.03	.11	0.003
86-R-5-160-	165	.01	.01	1.7	0.05	.33	0.010
86-R-5-165-	170	.01	.01	0.9	0.03	.03	0.001
86-R-5-170-	175	.01	.01	1.2	0.04	.13	0.004
86-R-5-175-	180	.01	.01	1.0	0.03	.09	0.003
86-R-5-180-	185	.01	.01	0.9	0.03	.24	0.007
86-R-5-185-	190	.01	.01	0.4	0.01	.02	0.001
86-R-5-190-	195	.01	.01	0.3	0.01	.01	0.001
86-R-5-195-	200	.01	.01	0.4	0.01	.01	0.001

Certified by \_\_\_\_\_

MIN-EN LABORATORIES LTD.

Appendix B

References

Appendix B

REFERENCES

- 1.0 Sheppard, E.P., P.Eng., April 5, 1984. Geological Report on the Ymir - Protection Property for NuDawn Resources Inc. and C.T. Exploranda Ltd.
- 2.0 Sheppard, E.P., February 26, 1982. Geological Report Ymir - Protection Property for NuDawn Resource Inc.
- 3.0 McAllister, A.L., April 1950. The Geology of the Ymir-Map Area, B.C.
- 4.0 Spencer, B.E., September 30, 1984. Report on the Geochemical Survey of the Protection 1-3 Mineral Claims for C.T. Exploranda.
- 5.0 Spencer, B.E., February 8, 1985. Report on the Ymir - Goodenough Project for NuDawn Resources Ltd. and C.T. Exploranda Ltd.

Appendix C  
Certificate

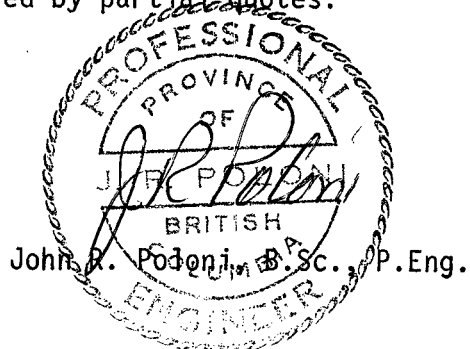
CERTIFICATE

I, John R. Poloni, of 5502 - 8B Avenue, in the Municipality of Delta, in the Province of British Columbia,

DO HEREBY CERTIFY THAT:

1. I am a Consulting Geologist.
2. I am a graduate of McGill University of Montreal, Quebec, where I obtained a B.Sc. Degree in Geology in 1964.
3. I am a Registered Professional Engineer in the Geological Section of the Association of Professional Engineers of the Province of British Columbia.
4. I have practiced my profession since 1964.
5. I am a Member of the Canadian Institute of Mining and Metallurgy.
6. I have personally visited the property during 1986 surveys.
7. I have no interest in the properties and securities of NuDawn Resources Inc. nor do I expect to receive or acquire any.
8. I consent to the use of this report by NuDawn Resources Inc. in a submission to the Vancouver Stock Exchange and/or the British Columbia Superintendent of Brokers, and to distribute all or parts of the report to the shareholders or other interested parties provided that the meaning is not altered by partial quotes.

Dated this 29th day of October, 1986.



Appendix D

MAPS

<u>Map</u>	<u>Description</u>	<u>Scale</u>
Plan No. 2	Claim Map	as shown
Plan No. 3	Geology	1" = 1 mile
Plan No. 4	Glory Hole Area Geochemical - Rotary Drill Holes Location	1:500
Plan No. 5	No. 10 Level - Diamond Drill Hole Plan	1:1000 approx.
Plan No. 6	Drill Hole Y86-1 Section A-A'	1:500
Plan No. 7	Drill Hole Y86-2 Section B-B'	1:500
Plan No. 8	Longitudinal Section Ymir Project	1:1000 approx.

Appendix E  
Cost Estimate

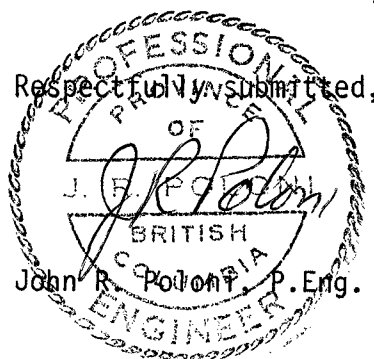
1986 Field Program

Period: August 22 - November 5, 1986

Personnel: J. Mirko - Project Manager  
John R. Poloni - Consultant  
Jeffco Holdings - Field Technician

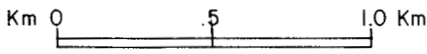
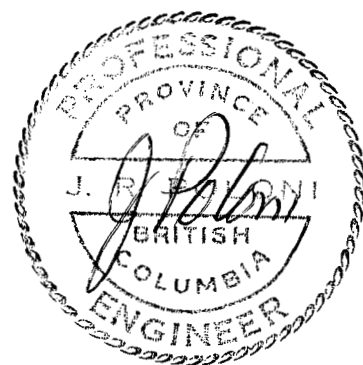
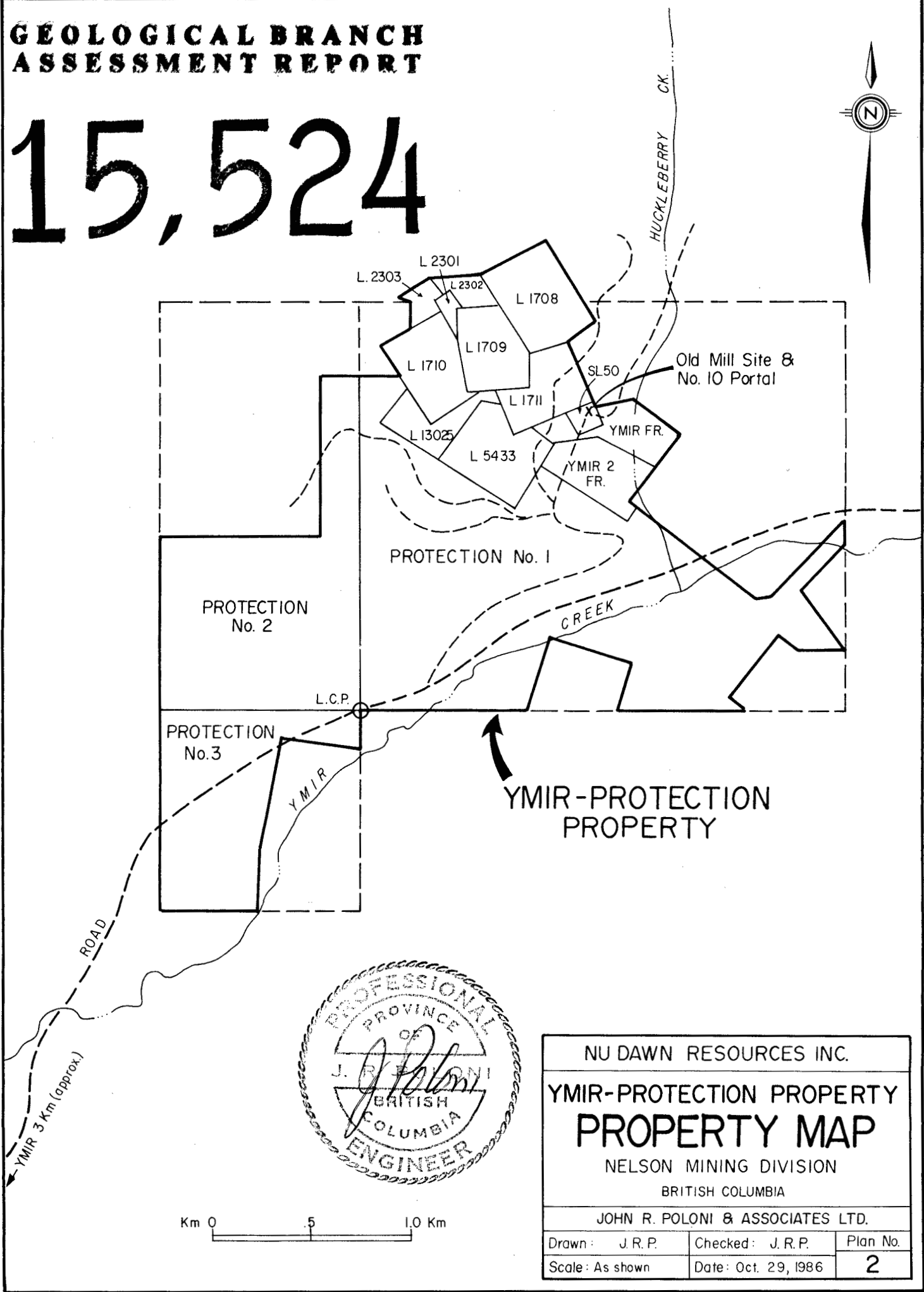
Contract Services: Kalmikoff Diamond Drilling  
Northspan Exploration Service  
Ken Murfitt - Dozer  
Min En Labs - Assays

Project Costs:	John R. Poloni & Associates Ltd. #86-25 (Jeffco Holdings Ltd.)	\$ 12,602.39
	J. Mirko, Management, Accommodations Expenses	4,602.65
	Kalmikoff Diamond Drilling	9,570.50
	Northspan Exploration	9,762.50
	Ken Murfitt	7,190.00
	Min En Labs	6,013.50
	TOTAL COST	\$ 49,741.54 =====



**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**15,524**

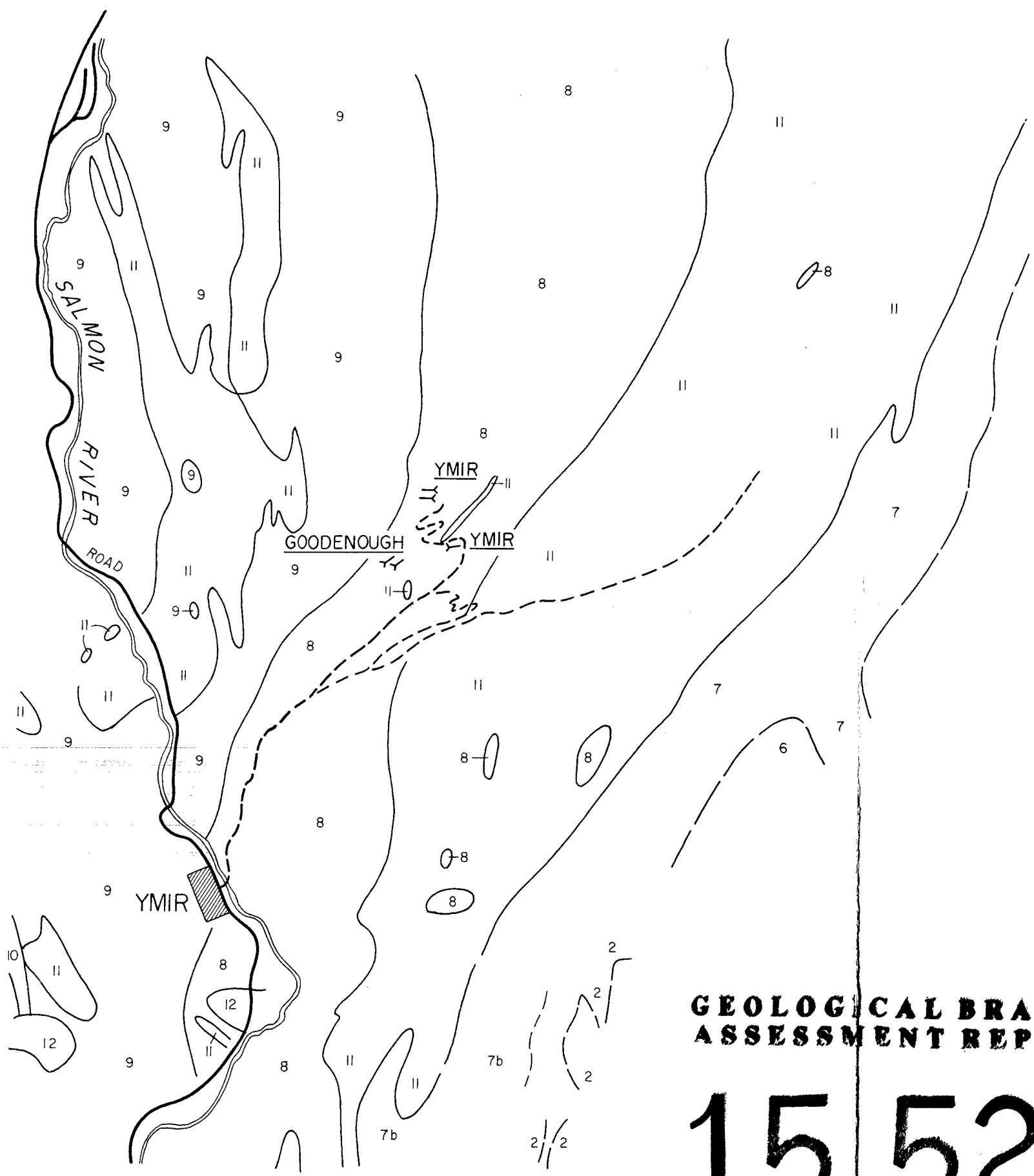


NU DAWN RESOURCES INC.		
YMIR-PROTECTION PROPERTY <b>PROPERTY MAP</b>		
NELSON MINING DIVISION BRITISH COLUMBIA		
JOHN R. POLONI & ASSOCIATES LTD.		
Drawn: J. R. P.	Checked: J. R. P.	Plan No.
Scale: As shown	Date: Oct. 29, 1986	<b>2</b>



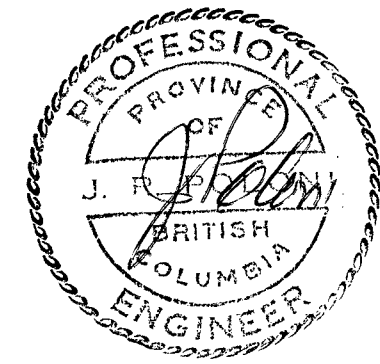
# LEGEND

- CENOZOIC**
  - TERTIARY
    - 12,13 12. CORYELL PLUTONIC ROCKS: basic syenite; minor pulaskite  
13. MCGREGOR INTRUSIONS: shonkinite
  - CRETACEOUS (?)
    - LOWER CRETACEOUS (?)
      - 11 NELSON PLUTONIC ROCKS: mainly granite; minor granodiorite, quartz diorite and diorite.
- MESOZOIC**
  - JURASSIC
    - LOWER & MIDDLE JURASSIC
      - 10 HALL FORMATION: argillite and siltstone
    - LOWER JURASSIC
      - 9 ELISE FORMATION: andesite and basalt flows and flow breccia, agglomerate, augite porphyry; 9a, tuff, siltstone, and argillite
    - TRIASSIC (?) & JURASSIC (?)
      - LOWER JURASSIC (?) & OLDER
        - 8 YMIR GROUP  
Argillite, slate, argillaceous quartzite; minor limestone and shale; 8a lava
  - ORDOVICIAN
    - LOWER & (?) MIDDLE ORDOVICIAN
      - 6 ACTIVE FORMATION:  
Black argillite, slate, quartzite; 6a, grey limestone
  - PALEOZOIC**
    - CAMBRIAN
      - MIDDLE CAMBRIAN
        - 5 NELWAY FORMATION:  
Black limestone, calcareous argillite, slate, and phyllite
      - LOWER CAMBRIAN
        - 4 LAIB FORMATION: phyllite, argillite, schist, micaceous quartzite; minor limestone; 4a, limestone and dolomite; minor schist
        - 3 RENO FORMATION: argillaceous quartzite, argillite, micaceous schist
    - LOWER CAMBRIAN AND (?) LATER
      - 7 Quartzite, schist, argillite, slate, limestone; minor igneous members; 7a, white and grey quartzite, 7b, black phyllite and schist
  - PRECAMBRIAN**
    - WINDERMERE (?)
      - 1 THREE SISTERS FORMATION: green and grey grit and quartzite; minor schist and limestone; 1a, conglomerate



## GEOLOGICAL BRANCH ASSESSMENT REPORT

# 15,524

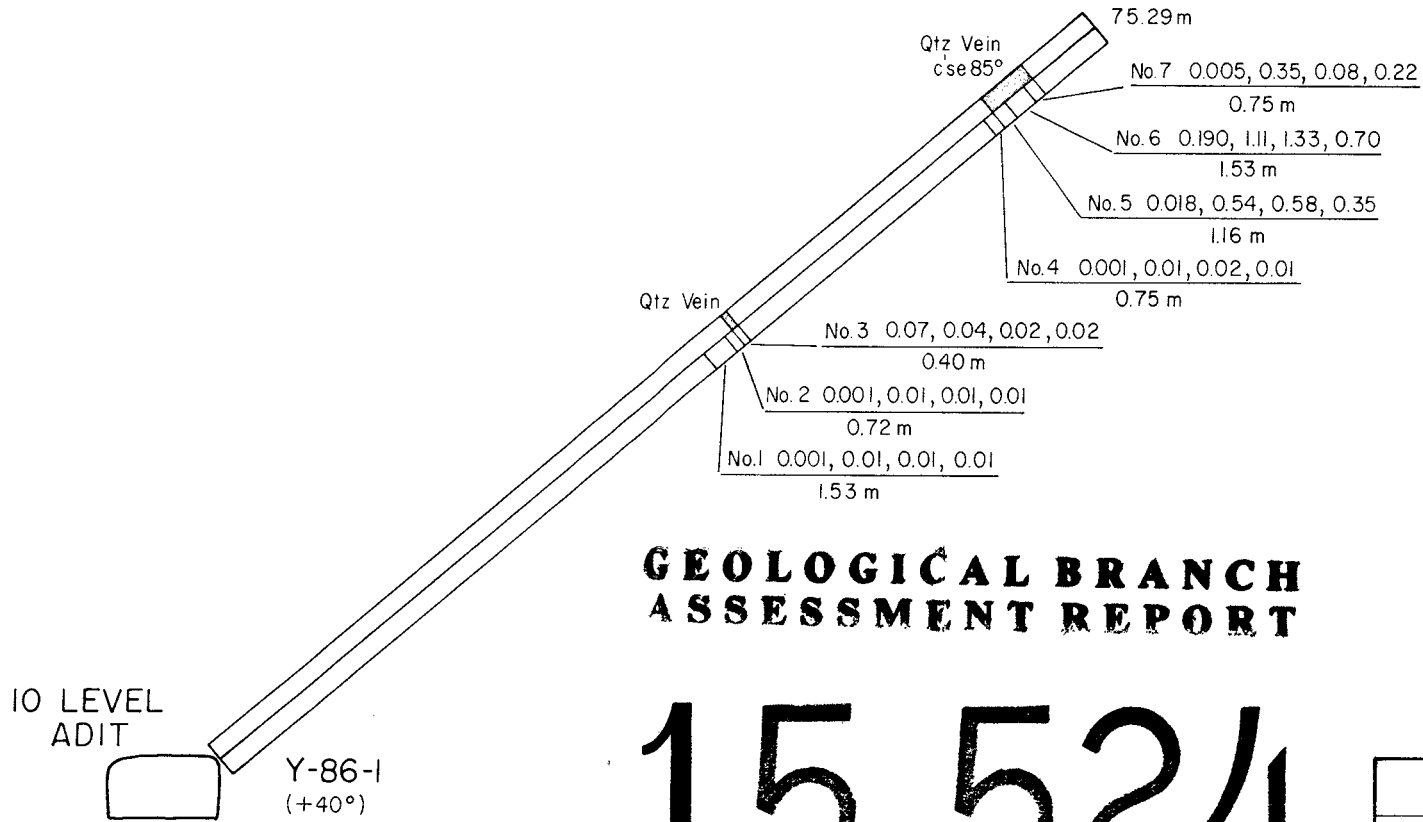


NU DAWN RESOURCES INC.		
YMIR PROPERTY REGIONAL GEOLOGY		
NELSON MINING DIVISION BRITISH COLUMBIA		
JOHN R. POLONI & ASSOCIATES LTD.		
Drawn. J. R. P.	Checked. J. R. P.	Plan No.
Scale. 1" = 1 mile	Date. Oct. 29, 1986	3

AFTER G.S.C. 1964 Map II44A

A

A'



**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

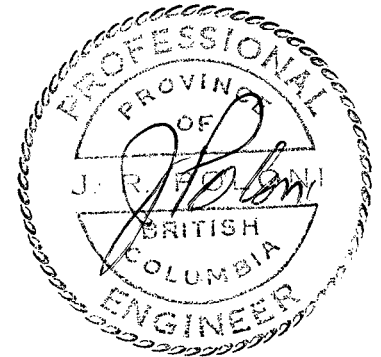
**15,524**

LEGEND

ASSAY DATA

Sample No. Au oz/T, Ag oz/T, Pb %, Zn %

Width in metres



NU DAWN RESOURCES INC.

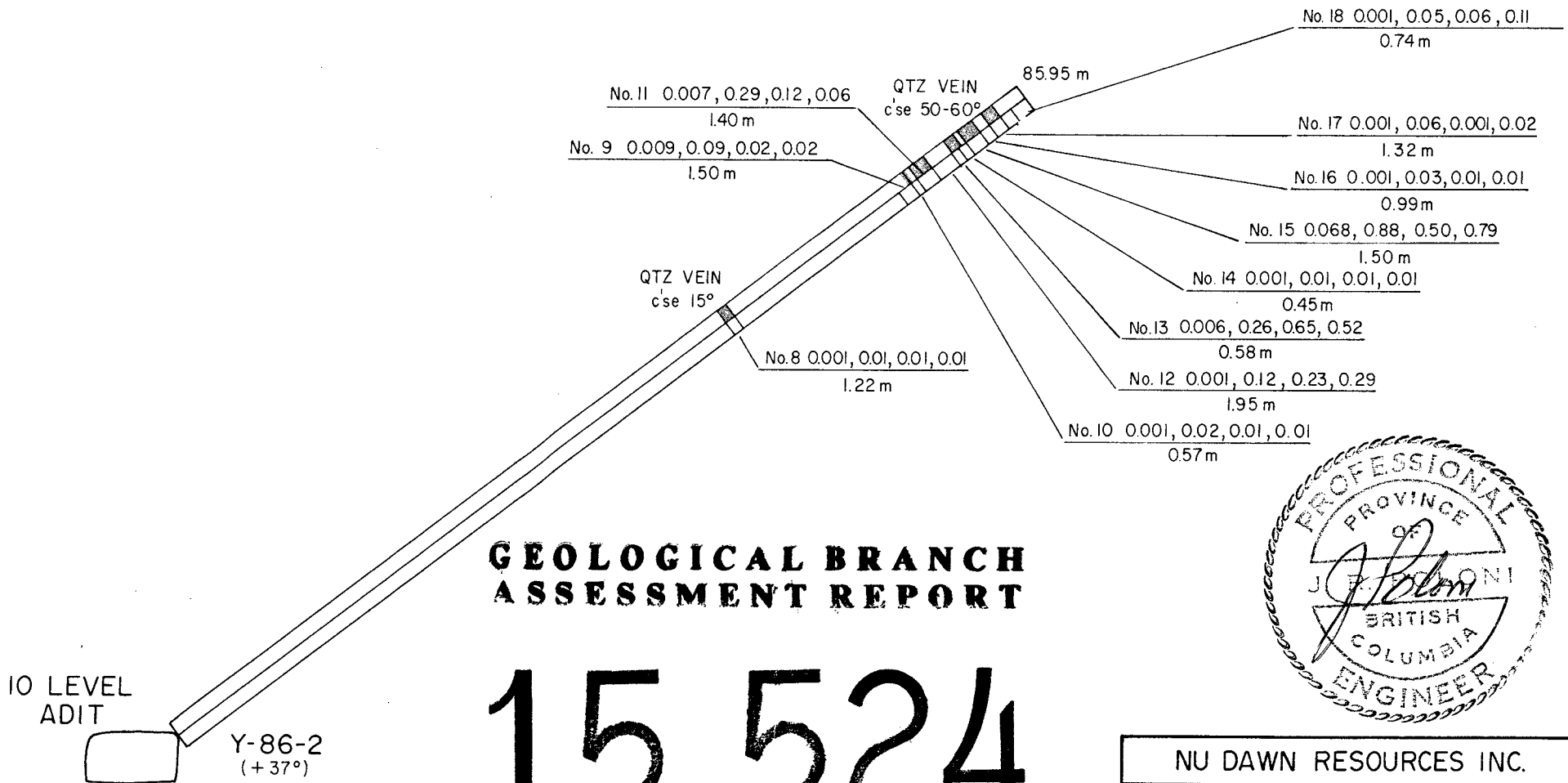
SECTION A-A'  
D.D.H. Y-86-1  
N. 9° E.  
LOOKING NORTHWESTERLY

JOHN R. POLONI & ASSOCIATES LTD.

Drawn : J. R. P.	Checked : J. R. P.	Plan No.
Scale : 1:500	Date : Oct. 29, 1986	6

B

B'



# GEOLOGICAL BRANCH ASSESSMENT REPORT

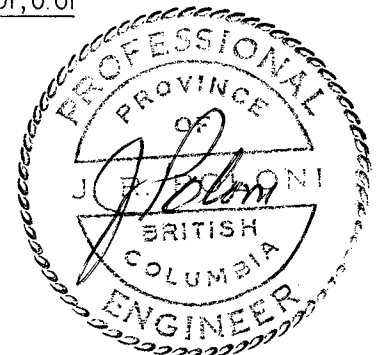
# 15,524

## LEGEND

ASSAY DATA

Sample No. Au oz/T, Ag oz/T, Pb %, Zn %

Width in metres



NU DAWN RESOURCES INC.

SECTION B-B'  
D.D.H. Y-86-2  
N. 28° E.

LOOKING NORTHWESTERLY

JOHN R. POLONI & ASSOCIATES LTD.

Drawn : J. R. P.	Checked : J. R. P.	Plan No.
Scale : 1:500	Date : Oct. 29, 1986	7





# DIAMOND DRILL RECORD

COLLAR  
 NORTH \_\_\_\_\_  
 EAST \_\_\_\_\_  
 ELEVATION \_\_\_\_\_  
 AZIMUTH \_\_\_\_\_  
 DIPS \_\_\_\_\_

COMPANY NuDawn  
 PROPERTY \_\_\_\_\_  
 LOCATION \_\_\_\_\_

HOLE U86-2  
 STARTED \_\_\_\_\_  
 FINISHED \_\_\_\_\_  
 DEPTH \_\_\_\_\_  
 PURPOSE \_\_\_\_\_  
 LOGGED BY J.P.

% Core Recovery	From	To	Description	Samples				Assays				Averages	
				Sample No.	From	To	Width	Au	Ag	Pb	Zn		
							m	oz/T	oz/T	%	%		
			B.Cs. slip @ 50°	#10	74.20	74.77	0.57	0.001	0.02	0.01	0.01		
	74.60	74.77	Argillite as above with films of pyrite										
	74.77	76.17	Qtz. vein	#11	74.77	76.17	1.40	0.007	0.29	0.12	0.06		
			Both Cs slip @ 50° numerous band films										
			of pyrite, minor Zns, Pbs?	#12	76.17	78.12	1.95	0.001	0.12	0.23	0.29		
	76.17	78.12	Argillite fractured recemented with qtz. film @ random										
			orientation pyrite in films & seams extls; with qtz										
			str to 4 cm.										
	78.12	78.70	Qtz vein	#13	78.12	78.70	0.58	0.006	0.26	0.65	0.52		
			white qtz with zinc @ both Cs, Cs slip @ 50° minor										
			Pbs @ FCs										
	76.70	79.15	Argillite with qtz str, pyrite films	#14	78.70	79.15	0.45	0.001	0.01	0.01	0.01		
			qtz to 3.0 cm.										
	79.15	80.65	Qtz vein	#15	79.15	80.65	1.50	0.068	0.88	0.50	0.79		







# DIAMOND DRILL RECORD

COLLAR  
 NORTH .....  
 EAST .....  
 ELEVATION .....  
 AZIMUTH .....  
 DIPS .....

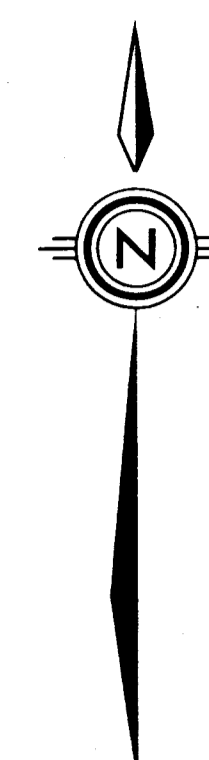
COMPANY NuDawn  
 PROPERTY .....  
 LOCATION .....

HOLE U86-1  
 STARTED .....  
 FINISHED .....  
 DEPTH .....  
 PURPOSE .....  
 LOGGED BY J.J.P.

% Core Recovery	From	To	Description	Samples				Assays				Averages		
				Sample No.	From	To	Width	Au	Ag	Pb	Zn			
							m	oz/T	oz/T	%	%			
			pyrite concordant with bedding @ 30-35°											
	44.0	44.40	Qtz vein	#3	44.00	44.40	0.40	0.007	0.04	0.02	0.02			
			Highly fractured NCs in broken core @ 85° far Cs?											
			Vuggy with moderate pyrite											
	44.40	66.50	Argillite, as above											
			Pyrite in cubes infrequent; random qtz str with pyrite											
	66.50	69.94	Quartz vein - Ymir vein	#4	65.75	66.50	0.75	0.001	0.01	0.02	0.01			
			NCs @ 85° FCs @ 85° slip type	#5	66.50	67.66	1.16	0.018	0.54	0.58	0.35			
			White qtz with thin sections of	#6	67.66	69.19	1.53	0.190	1.11	1.33	0.70			
			massive sulfides, pyrite Zns, Pbs	#7	69.19	69.94	0.75	0.005	0.35	0.08	0.22			
	69.94	71.85	Argillite, as above											
	71.85	72.85	Dike, Lamprophyze? Cs blend @ 35°											
	72.85	75.285	Argillite, as above											
			@ 74.25 - 74.38 qtz vein, Cs blend @ 50° barren											

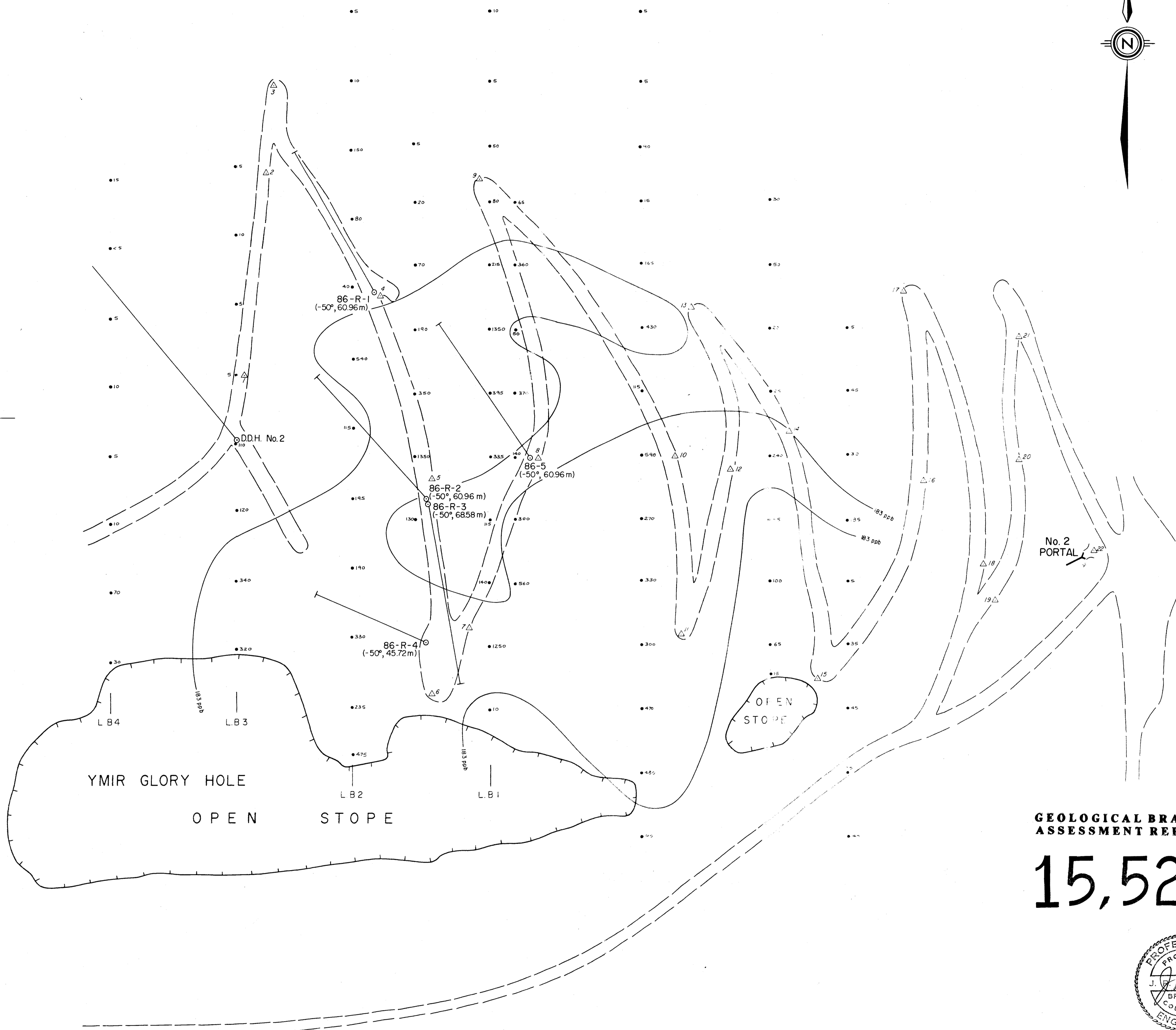
End of Hole: 75.285

8400 E.



12000 N.

12000 N.



**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**15,524**



**LEGEND**

- △5 SURVEY STATION
- DDH No. 2 ○ DIAMOND DRILL HOLE
- 86-R-4 ○ ROTARY DRILL HOLE
- 235 ● GEOCHEM. SAMPLE, Au IN PPB (MEAN 183 ppb, ANOMALOUS 366 ppb)
- ROAD

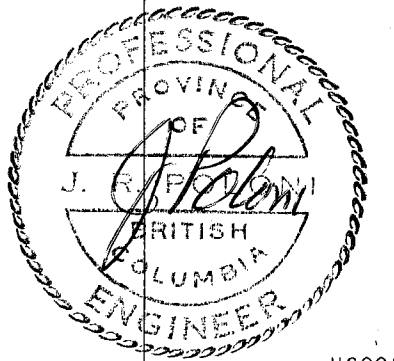
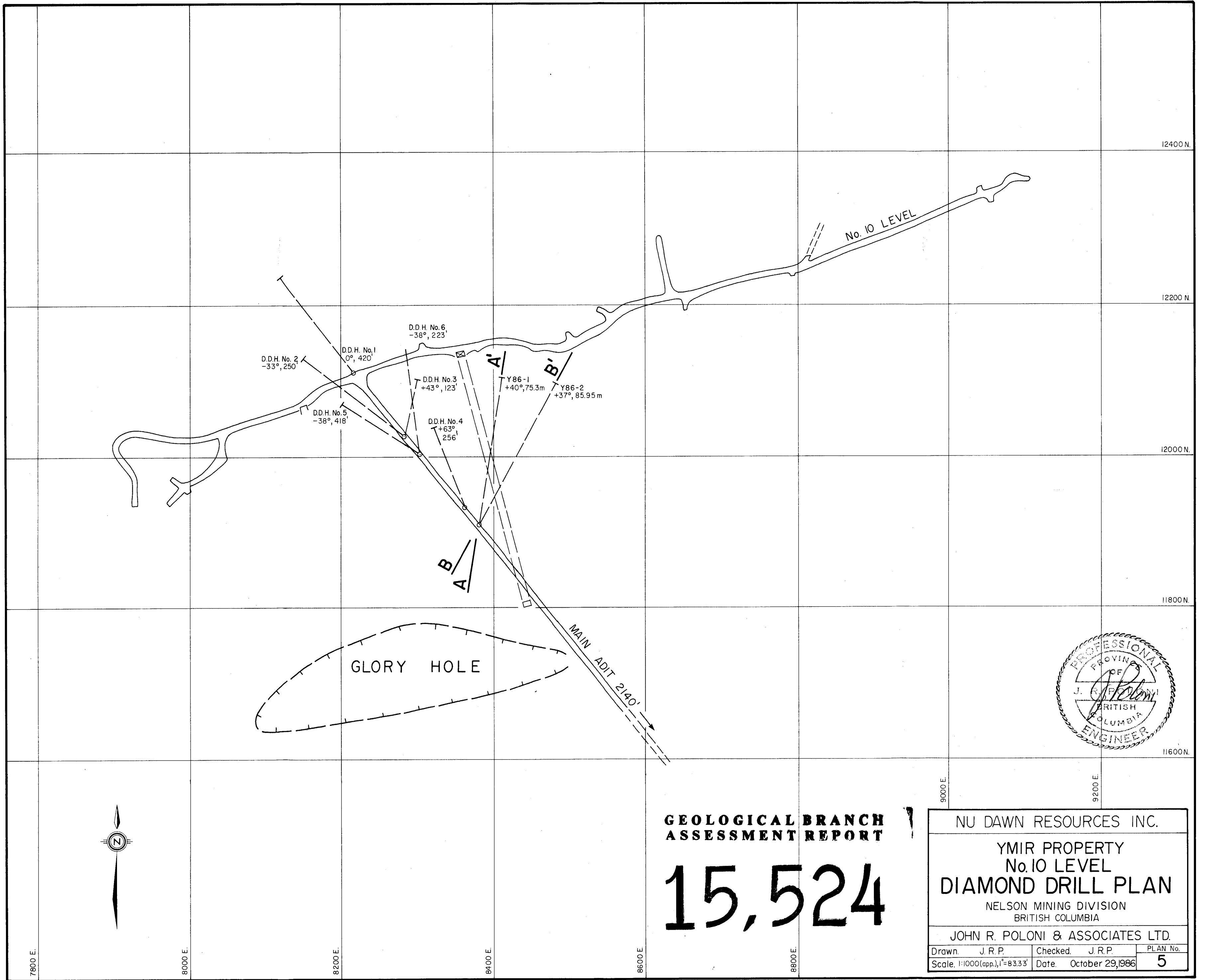
NU DAWN RESOURCES INC.

YMIR PROPERTY  
GLORY HOLE AREA  
**GEOCHEMICAL-ROTARY DRILL  
HOLE LOCATIONS**  
NELSON MINING DIVISION  
BRITISH COLUMBIA

JOHN R. POLONI & ASSOCIATES LTD.

Drawn. J.R.P.	Checked. J.R.P.	PLAN No.
Scale: 1:1000 (app.) 1"=83.33'	Date: October 29, 1986	4

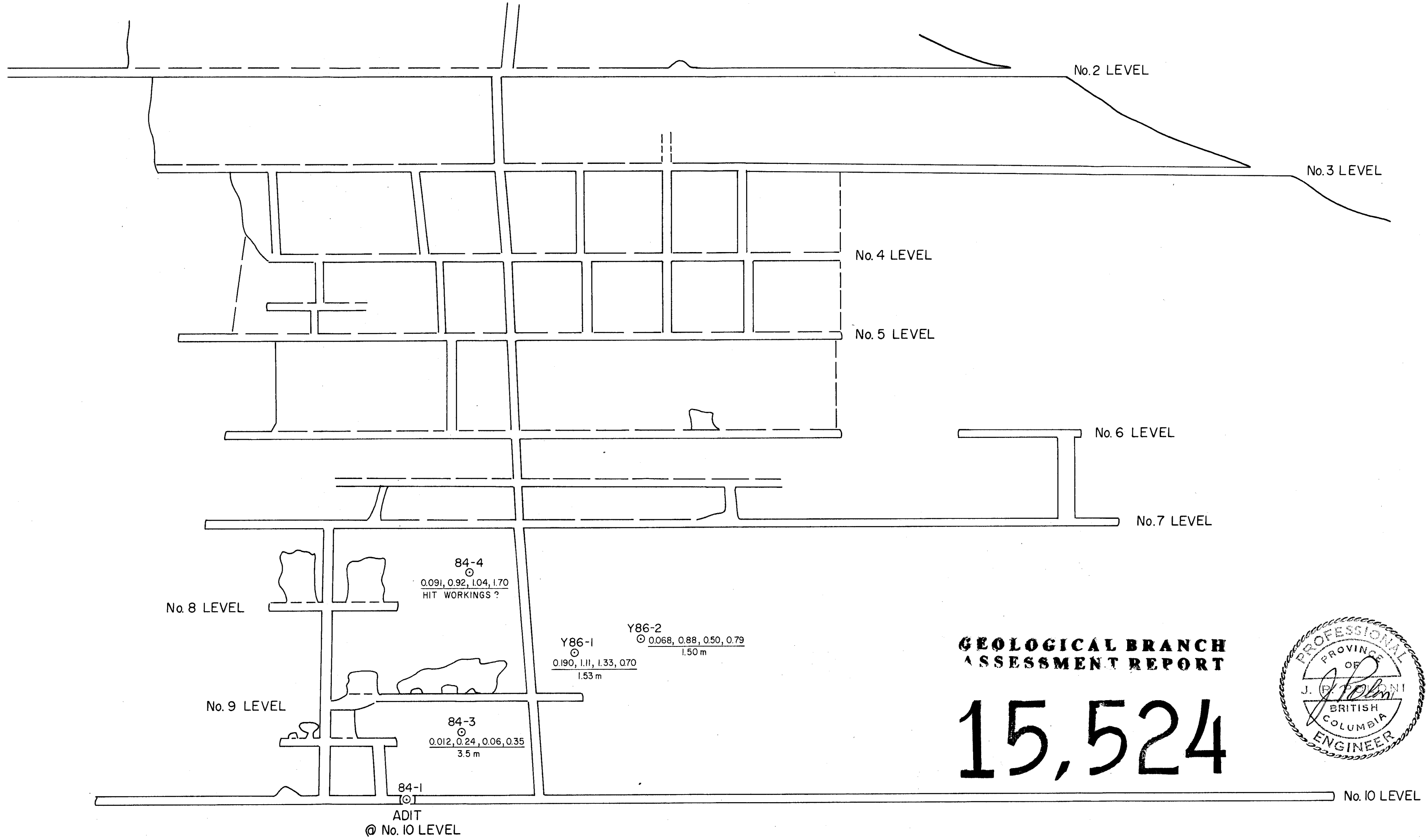
8400 E.



**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

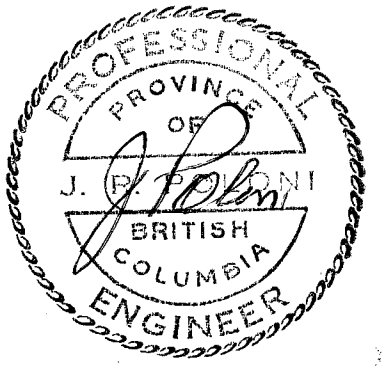
**15,524**

NU DAWN RESOURCES INC.		
YMIR PROPERTY No. 10 LEVEL <b>DIAMOND DRILL PLAN</b>		
NELSON MINING DIVISION BRITISH COLUMBIA		
JOHN R. POLONI & ASSOCIATES LTD.		
Drawn. J. R. P.	Checked. J. R. P.	PLAN No.
Scale. 1:1000(app.), 1"=83.33'	Date. October 29, 1986	<b>5</b>



**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**15,524**

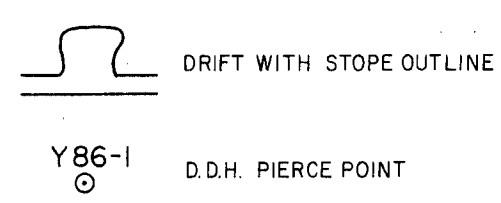


84-2  
0.005, 0.50, 0.20, 0.73  
0.61m

84-6  
0.015, 0.07, 0.01, 0.01  
1.73

84-5  
MINOR QTZ, ZNS,  
PBS.

**LEGEND**



0.19, 1.11, 1.33, 0.70 Au oz/T, Ag oz/T, Pb %, Zn %  
1.53m WIDTH IN METRES

NU DAWN RESOURCES INC.		
YMIR PROPERTY LONGITUDINAL SECTION, MINE WORKINGS NELSON MINING DIVISION BRITISH COLUMBIA		
JOHN R. POLONI & ASSOCIATES LTD.		
Drawn. J. R.P.	Checked. J. R.P.	PLAN No.
Scale. 1:1000 (app.), 1"=83.33'	Date. October 29, 1986	8