

WESTMIN RESOURCES LIMITED
ASSESSMENT REPORT
DIAMOND DRILL CORE-LOGGING

on

NORTHERN LIGHT NO. 1, CASCADE FORKS NO. 1, 2 AND
CASCADE FALLS NO. 4

at

PREMIER, B.C.
56°04'N 130°00'W

by

P.J. WOJDAK

Mining Division: Skeena
NTS: 104B/1E

September 13, 1982

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
NO. 10651

Part 1
of 2

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INTRODUCTION

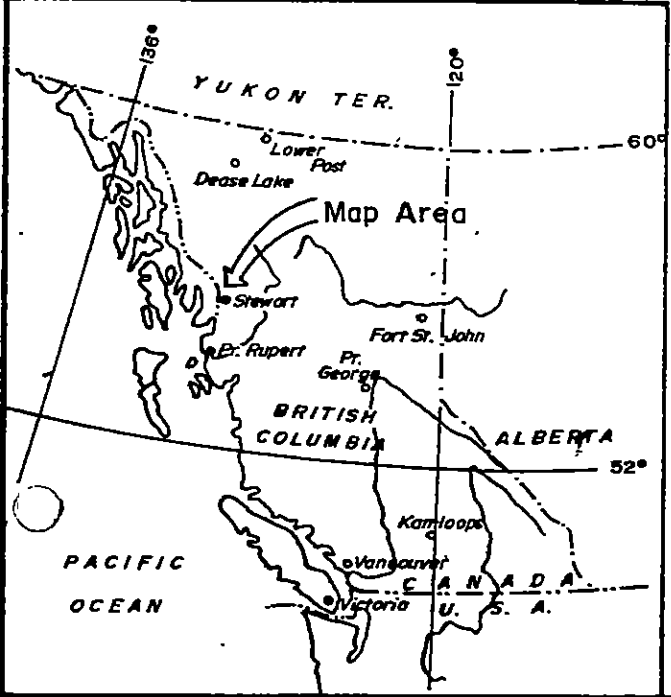
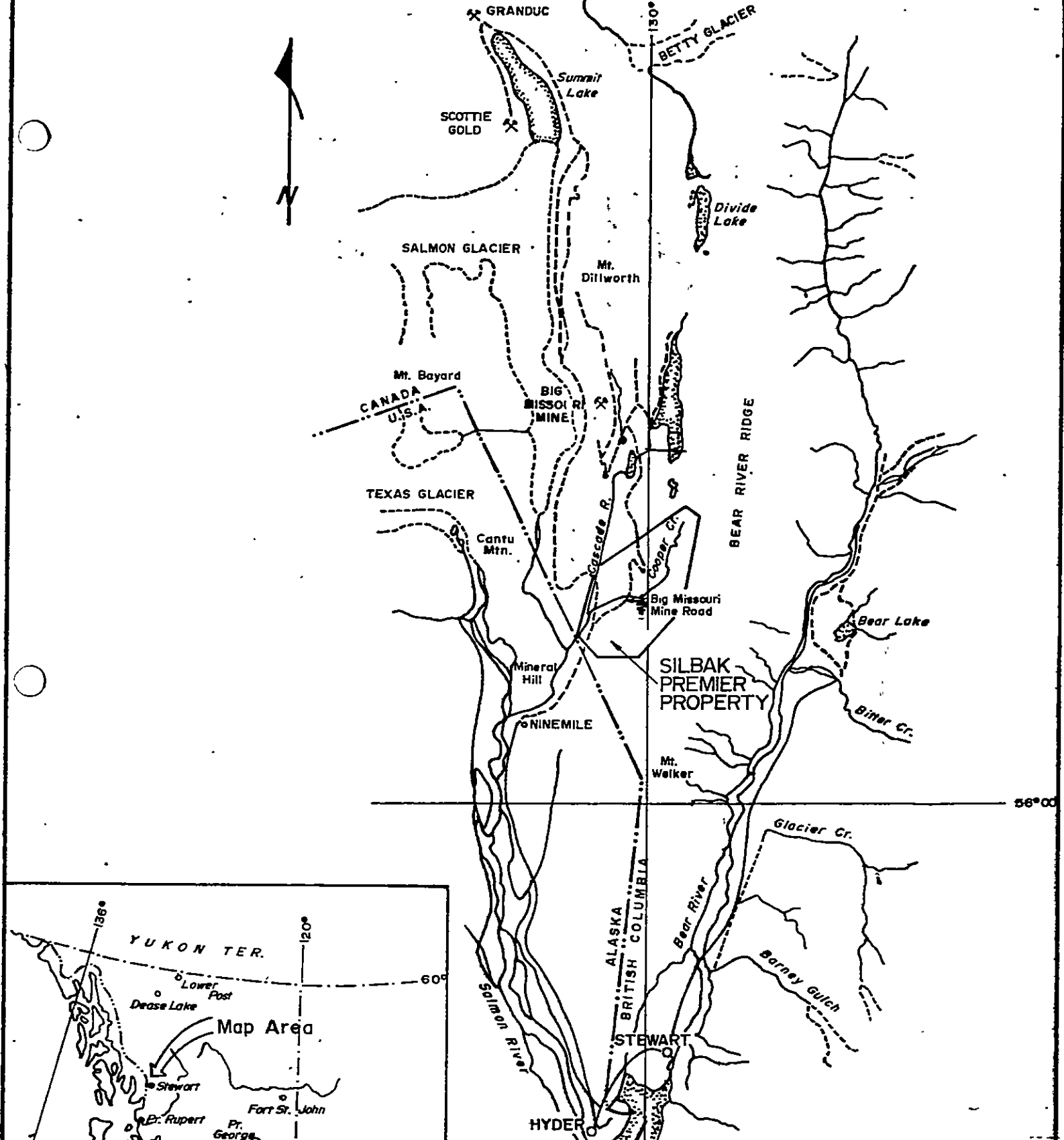
Preparatory to completion of an exploration agreement between British Silbak Premier Mines Ltd. ("BSP") and Westmin Resources selected drill holes completed by BSP in 1981 were re-logged by the writer. The Premier mine site is 25 km northwest of Stewart, B.C. The property comprises 87 crown granted mineral claims and one reverted crown grant, the Irwin Fraction. The claims are located near the forks of Cascade Creek, a tributary of Salmon River, 2 km from the Alaskan border. Some 4,300 feet of NQ core was logged to characterize rock types and investigate controls of mineralization.

CORE-LOGGING

Core from 1980 and 1981 drilling completed by British Silbak Premier is stored 100 m north of the 6-level portal. The re-logged holes are listed below. Control data for the holes (azimuth, dip, etc.) are from BSP logs by H. Dowhaluk of Derry Mitchner Booth. The grid used is the old Premier Mine grid, shown in B.C. Department of Mines Bulletin 58, Figure 40.

<u>Drill Hole</u>	<u>Coordinates</u>	<u>Azimuth</u>	<u>Dip at Collar</u>	<u>Elevation</u>
24	8286N 4638E	179°26'	-63°	1,287 ft.
36	5994N 3526E	112°02'	-59°27'	1,299 ft.
39	5648N 3650E	75°23'	-19°02'	1,317 ft.
41	5757N 4078E	254°58'	-63°26'	1,513 ft.
50	5655N 3648E	38°48'	-19°36'	1,321 ft.
52	5650N 3644E	37°54'	-31°07'	1,321 ft.
54	5913N 3585E	42°41'	-19°48'	1,304 ft.
55	5908N 3580E	36°22'	-50°42'	1,304 ft.
56	5339N 3689E	37°35'	-18°55'	1,328 ft.

Holes 36-56 listed above were drilled to test the so-called northwest Premier break. Hole 24 sought an extension of the Northern Light zone. Detailed drill logs are attached.



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**SILBAK PREMIER PROJECT
LOCATION MAP**

Scale: 0 1 2 3 4 miles
Scale km - 1.457 km

Date: July, '80 Drawn by: Revised: Jan. 1981

FIGURE 1

CONCLUSIONS

These conclusions are based only on the drill core described herein. The two major lithological units on the Premier property are:

- a) A thick, monotonous sequence of very weakly layered or foliated green andesite lava. Pyroclastic andesite, mainly lapilli tuff, is less common than the even-textured flow rocks.
- b) Premier porphyry - several phases of massive to weakly foliated dacite with varying proportion of phenocrysts; 1 cm potassium feldspar (sanidine?) are conspicuous and diagnostic but are not always present, 2-5 mm plagioclase laths and amphibole (altered to chlorite, pyrite, sphene) are always present, and quartz eyes, although sparse are usually visible.

There are several instances where the porphyry is clearly intrusive into the andesite sequence. However, some weakly foliated or layered phases may be extrusive. The southwest contact between porphyry and andesite is fractured, strongly silicified and mineralized with sphalerite and galena.



P.J. Wojdak

APPENDIX 1

STATEMENT OF EXPENDITURES

on

Northern Light No. 1, Cascade Forks No. 1, 2 and
Cascade Falls No. 4

Work Period

August 2-6, 1982

P.J. Wojdak (core logging) 3 days @ \$158	\$474.00
Travel costs, Vancouver/Premier, pro-rated against other projects	100.00
Board, 3 days @ \$18	<u>54.00</u>
	<u>\$628.00</u>

STATEMENT OF QUALIFICATIONS

I, Paul J. Wojdak, of the Municipality of Delta, Province of British Columbia, hereby certify:

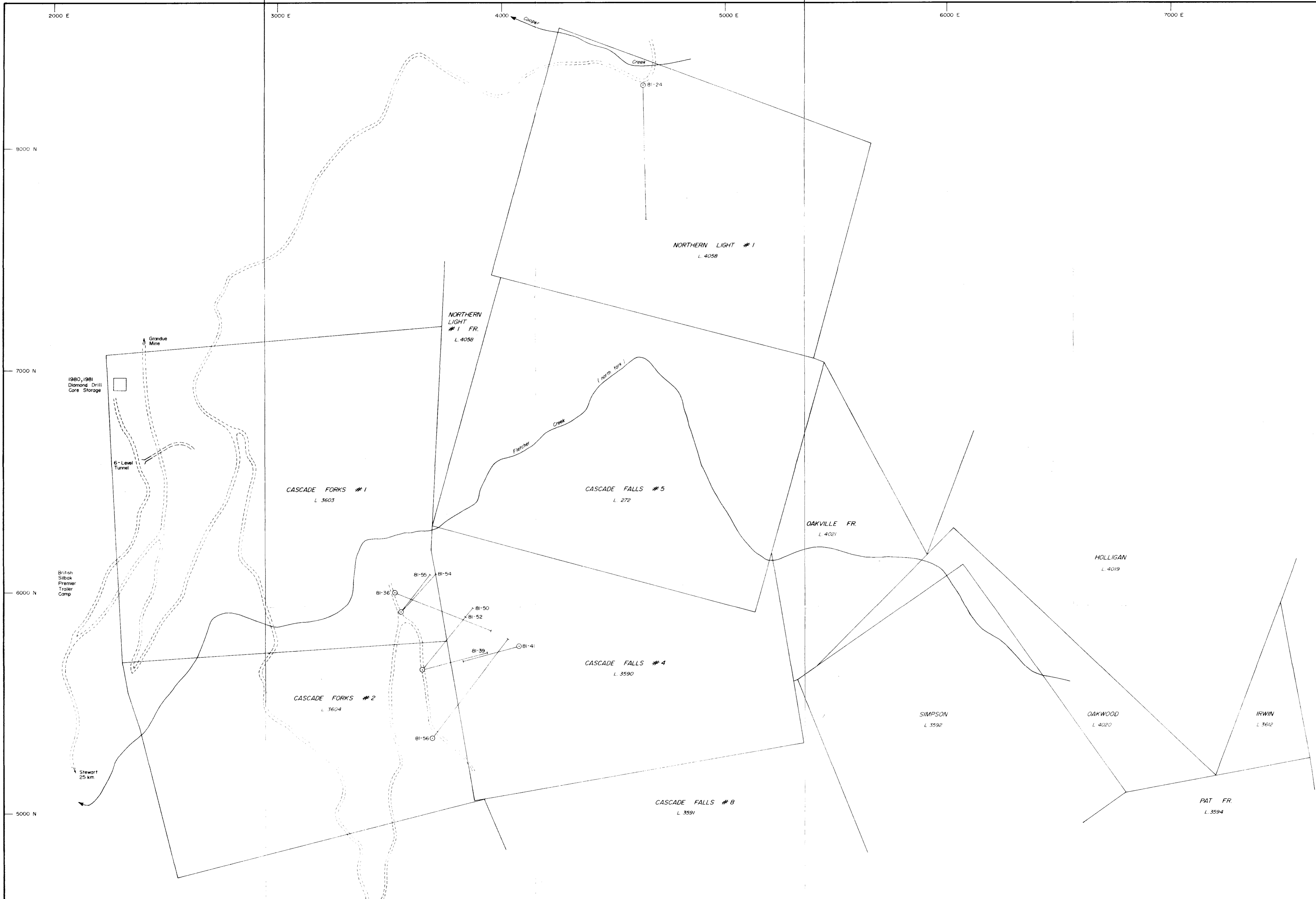
1. That I am a geologist residing at 11405 85th Avenue, Delta, British Columbia with a business address at Suite 904, 1055 Dunsmuir Street, P.O. Box 49066, The Bentall Centre, Vancouver, British Columbia V7X 1C4.
2. That I graduated with a B-Sc. (Honours) in Geology and Chemistry from McMaster University, Hamilton, Ontario in 1971 and with a M.Sc. in Geology from the University of British Columbia in 1974.
3. That I am a member of the Geological Association of Canada.
4. That I have practiced geology with Cominco Limited and Westmin Resources Limited from 1974 to 1982.

Dated this 13th day of September, 1982 at Vancouver, British Columbia.

Signed:



P.J. Wojdak, M.Sc.



10651 PT. 1/2 ①

WESTMIN RESOURCES LTD.					
BRITISH SILBAK PREMIER					
DRILL HOLE LOCATIONS					
Date	Drawn By	Mapped By	Revised	NTS. No.	Figure
Sept. 1982	R. Ivany	P. Wojdak		104 B/1	