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**STMP MINERAL CLAIMS**

**TITLE PAGE**

GENERAL	Exploratory core drilling for mineral potential and geological structure
CLAIMS	STMP (STMP#1 & #2)
LOCATION	Kamloops Mining District
MAP NO.	92, 1 8 W & E
LOG & LAT	Log 5589.5 Lat 695.4
OWNER	Lloyd E. Mear
OPERATOR	Lloyd E. Mear
AUTHOR	Lloyd E. Mear
DATE	April 22nd, 1991

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**21,242**

# STMP MINERAL CLAIMS

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## INTRODUCTION

- A. General Location - Kamloops Mining District, 25 miles south of Knutsford and 2 miles east of Nadier Lake.
- B. Property is covered by typical south Kamloops range land, by most part open with evergreen cover at the eastern end.
- C. No known mineralized history available on claims.
- D. Current owner - Lloyd E. Mear
- E. No economic evaluation yet determined.
- F. Prospecting over 85% of claim area has produced a number of float specimens showing favourable mineralization. No outcrops containing mineralization have been discovered.

Infra Red photography has indicated possible mineralization as shown on index map.

1 drill hole, HQ diameter has been drilled to <sup>350'</sup> The contents of such is yet to be assayed.

- G. All work to date performed on STMP#2.
- H. Drill logs and assays to be carried out at a later date. Drill core stored at 9551 Bridgeport Rd., Richmond, B.C.. Some samples taken to private lab for analysis before commercial facilities are employed.
- I. AUTHOR'S QUALIFICATIONS

Lloyd E. Mear

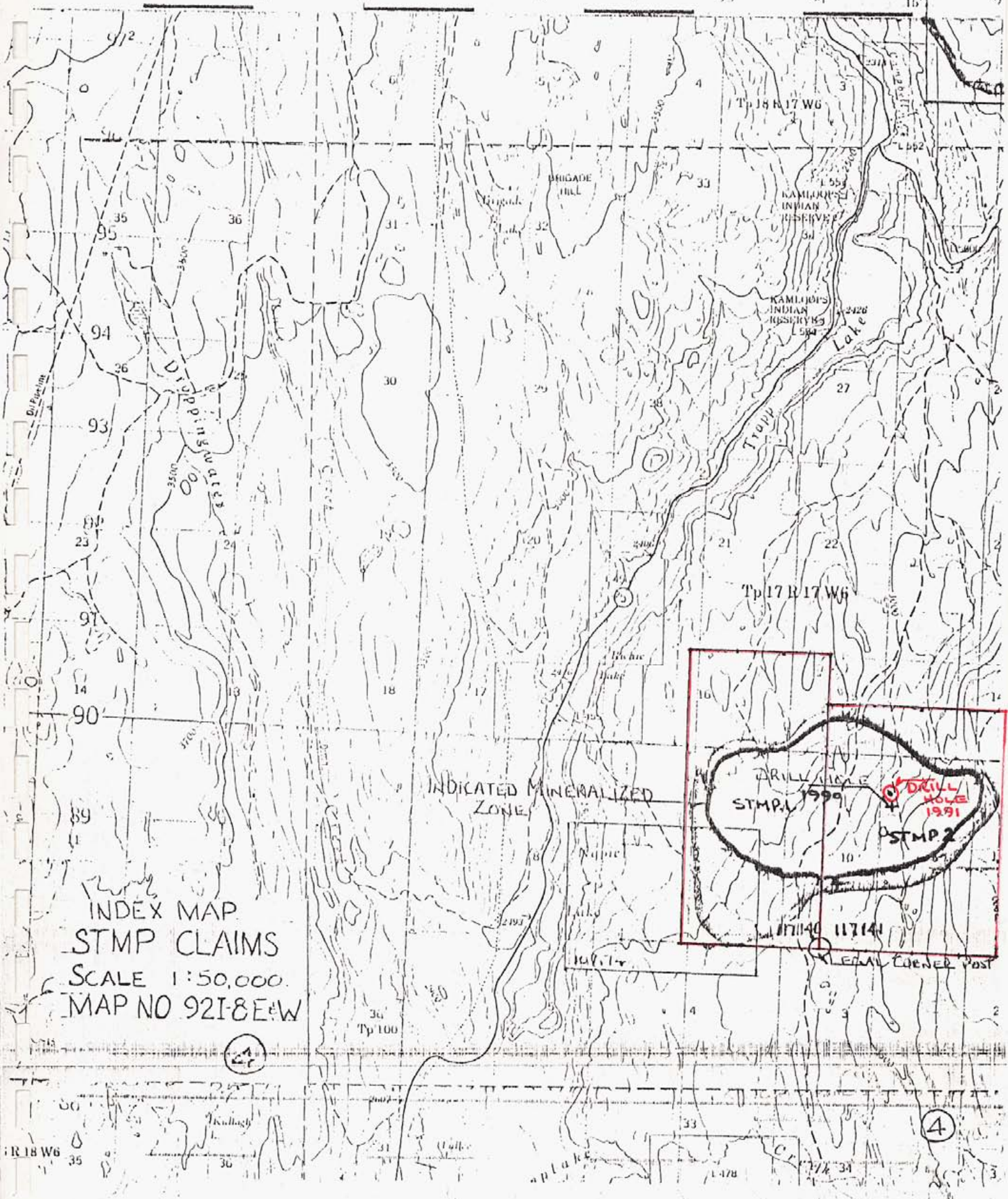
Managed underground mining and milling operation south of Houston, B.C. 1977 - 1978

Owned and operated placer gold operation in Yukon Territories. 1982 - 1985

Owned and operated construction company in U.S.A. and Canada 1960 - 1980

Knausford 18 km

170



INDEX MAP  
 STMP CLAIMS  
 SCALE 1:50,000  
 MAP NO 92I-8E-W

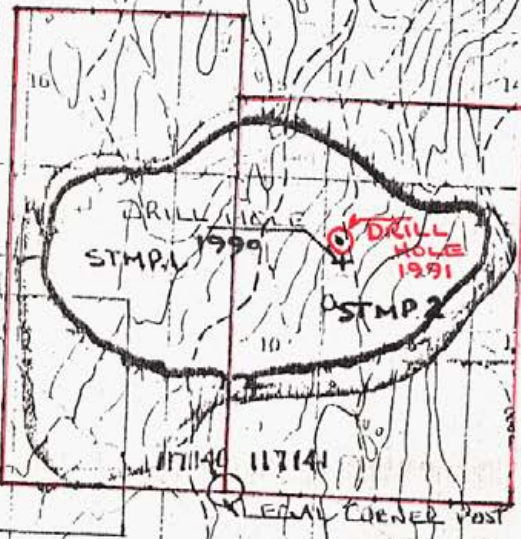
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(4)

R 18 W 6

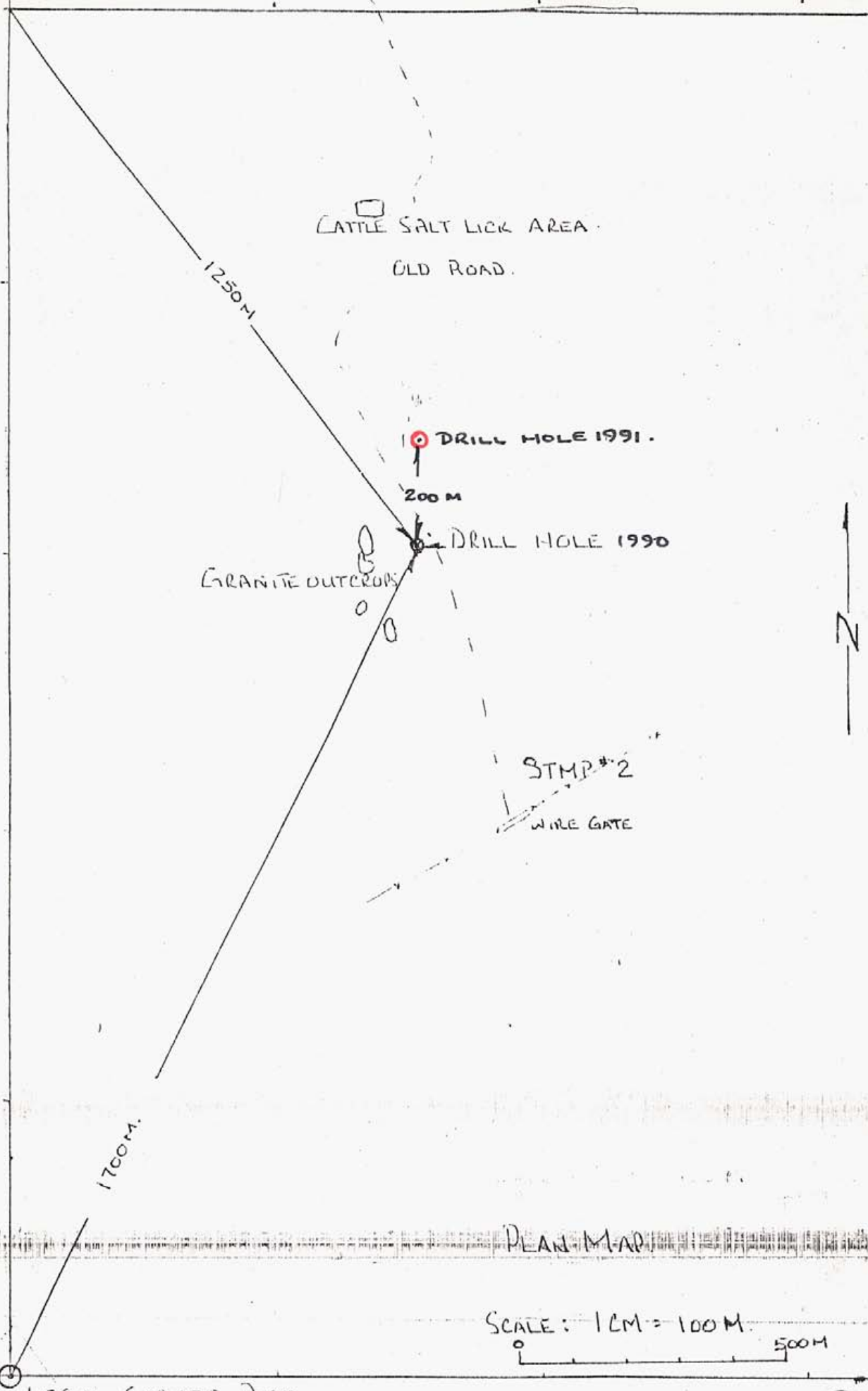
117140 117141

EQUAL CORNER POST



# COST STATEMENT

A. Contract drilling - \$25.00 per ft. X 350 ft. (Includes water hauling, mobilization & demobilization, core boxing, site rehabilitation.)	\$ 8,850.-
Site rehabilitation - Grass seed, weed control	\$ 350.-
Travel, support staff, rancher p.r., etc.	\$ 1,770.-
CORE STORAGE & LOGGING.	\$ 270.-
ASSAY & METALLURGICAL.	\$ 1,500.-
	<hr/>
	\$ 12,740.-



STMP#1

CATTLE SALT LICK AREA  
OLD ROAD.

DRILL HOLE 1991.

200 M

DRILL HOLE 1990

GRANITE OUTCROPS

STMP#2

WIRE GATE

1700M.

LEGAL CORNER POST.

PLAN MAP

SCALE: 1CM = 100M

500M

DRILL LOG FOR: NQ DIAMOND DRILL HOLE STMP 91-1

PROPERTY: STMP #2 CLAIM

DATES DRILLED: APRIL, 1991

DATE LOGGED: SEPT 26, 1991

LOGGED BY: DR. WARREN GEIGER, GEOLOGIST

DRILL CONTRACTOR: NEWMAC INDUSTRIES LTD.

DIP: 90 DEGREE

DEPTH: 350 FT. (107M)

CORE SIZE: N Q

*1 Ft = 30.5 cm*

<u>INTERVAL (FEET)</u>	<u>DESCRIPTION</u>
0 - 20 FT.	OVERBURDEN
20 - 92 FT.	MEDIUM GRAINED GRANODIORITE. SLIGHT ALTERATION OF HORNBLende TO CHLORITE. MAGNETITE IN HORNBLende MASSES. MINOR CHLORITIZATION. 95% RECOVERY
92 - 122 FT.	AS ABOVE WITH SOMEWHAT MORE FRACTURING AND ALTERATION INCLUDING CHLORITE, EPIDOTE & HEMATITE, MAGNETITE PRESENT IN MAFIC AREAS. MORE ALTERATION TO CHLORITE, HEMATITE ALONG FRACTURES. SPHENE IN THE ROCK ITSELF. CALCITE ALONG FRACTURES. 95% RECOVERY
122 - 250 FT.	AS ABOVE WITH SOMEWHAT LESS FRACTURING. 95% RECOVERY
250 - 350 FT.	AS ABOVE WITH MORE FRACTURING AND ALTERATION PRESENCE OF ANDESITE DIKE FROM 267 FT. - 272 FT. 90% RECOVERY

*W. Warren Geiger*  
\_\_\_\_\_  
DR. WARREN GEIGER, GEOLOGIST

SEAL

THIS 1 DAY OF October, 1991

DIAMOND DRILL LOG SHEET

HOLE Vicars 91-1 SHEET \_\_\_\_\_ OF \_\_\_\_\_

DRILLING LOG				GRAPHIC LOG										GEOLOGIC LOG			
FROM	TO	%	RQD	DRILLING COND.	PROPYLITIC	ARGILLIC	PHYLLIC	POTASSIC	SILICIFIED	CARBONATE	GYPSUM	CLAY	EPIDOTE	QUARTZ	LITHOLOGY STRUCTURE	ALTERATION	PRECIPITATES
20 ft.	50 ft.	95%		Good.											Medium to Coarse Grained Granodiorite, primarily composed of quartz, orthoclase, plagioclase, and hornblende, some biotite	Minor alteration of hornblende to chlorite. Magnetite and some pyrite in hornblende areas - (minor)	
50 ft.	90 ft.	95%		✓ Cone split from 50 ft. onward.											✓	Increased alteration in blotches and along fractures. More chloritization of the hornblende. Very fine magnetite and pyrite associated with mafic areas.	Calcite along fractures
90 ft.	200 ft.	95%													✓	As above - sericite also appears - altered and fractured section several feet long alternate with relatively unaltered sections	✓
200 ft.	235 ft.	90%													✓	As above - generally increased alteration. Hematite present along some altered fractures	✓
235 ft.	335 ft.	90%													✓	As above - much more fracturing and more alteration.	✓



**K. WARREN GEIGER**

Address

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West Vancouver, B.C. V7V 1C7

Office: P.O. Box 10322 Telephone (604) 683-2240  
1580 - 609 Granville Street  
Vancouver, B.C. V7Y 1G5

Personal

Excellent health, 5'11", 190 lbs., Married - five children

Education

**CORNELL UNIVERSITY**

1959-1961 Ph.D. Economic Geology  
Thesis area in South-Central Labrador

1957-1959 M.Sc. Economic Geology  
Thesis project - Consolidated Denison Uranium Ore Body

**UNIVERSITY OF ALBERTA**

1951-1955 B.Sc. Mining Engineering

Professional Status

Province of Alberta - Registered as a Professional Geologist (P.Geol.)

Province of British Columbia - Registered as a Professional Engineer  
(P.Eng.)

Experience

1972-Present Independent Consulting Geologist specializing in the evaluation and monitoring of mining exploration projects. Executive positions and Chief Geologist of Aquarius Resources Ltd., Sun God Resources Ltd., Golden Pyramid Resources Inc., Arizona Star Resource Corp., and Nevada Star Resource Corp. Acquisition and exploration of mining properties in B.C., Alberta, the Canadian Shield and the United States. Formation, financing and management of exploration-oriented mining companies.

1967-1972 Self-employed as a consulting geologist - Handling mining exploration programs in B.C., Alberta, Saskatchewan and the Northwest Territories. Work included the design, field supervision, interpretation and report preparation for programs involving the economic evaluation of metallic and non-metallic mineral deposits. Some consulting in the fields of groundwater and engineering geology was also done.

K. WARREN GEIGER - Resume Cont.

- 1961-1967 Assistant, then Associate Research officer with the Research Council of Alberta - Research in groundwater geology in Southern Alberta.
- 1957-1961 Teaching Assistant at Cornell University - Summer geologic mapping jobs, Senior Assistant near Sept Isles, Quebec and Party Chief in South-Central Labrador.
- 1956-1957 Engineer for Consolidated Denison Mines Ltd., Blind River Area, Ontario - Surveying, surface and underground, mine layout work and geologic compilations.
- 1955-1956 Foreign Student at Kali Chemi Aktiengesellschaft Werke Friedrichshall 1/11 - General underground work in a German Potash Mine.
- 1955 Party Leader - Eldorado Mining and Refining Co., - Mapping mineral claims for Eldorado Mining and Refining, Uranium City Area, Saskatchewan.
- 1951-1955 Student - Summers spent:
  - Kootenay Lakes District, B.C. - Mining exploration with Consolidated Mining and Smelting Co.
  - Sullivan Mine, Kimberley, B.C. - Underground training program, Consolidated Mining and Smelting Co.
  - Alberta Department of Agriculture - Surveying in irrigated areas.
  - Canadian Western Natural Gas Co. - Labourer and Welder's helper.