



Geological Survey Branch  
Assessment Report Indexing System



[ARIS11A]

ARIS Summary Report

Regional Geologist, Cranbrook

Date Approved: 1998.11.10

Off Confidential: 1999.08.07

**ASSESSMENT REPORT: 25671**

Mining Division(s): Fort Steele

Property Name: Dek D

Location: NAD 27 Latitude: 49 13 25 Longitude: 115 42 35 UTM: 11 5452896 593953  
NAD 83 Latitude: 49 13 25 Longitude: 115 42 39 UTM: 11 5453114 593869  
NTS: 082G04W

Camp:

Claim(s): Dek 22-29

Operator(s): Stephenson, L.G.  
Author(s): Stephenson, L.G.

Report Year: 1998

No. of Pages: 10 Pages

Commodities Searched For: Silver, Copper, Zinc

General Work Categories: PROS

Work Done: Prospecting  
PROS Prospecting (200.0 ha)

Keywords: Argillites, Creston Formation, Helikian, Quartzites

Statement Nos.: 3122690

MINFILE Nos.:

Related Reports:

**RECEIVED**

OCT 13 1998

Gold Commissioner's Office  
VANCOUVER, B.C.

Report on a  
Geological Prospecting Program

DEK D PROPERTY

DEK CLAIMS 22 - 29  
FORT STEELE MINING DIVISION  
CRANBROOK AREA  
N.T.S. 82G4W

LAT: 49°15'N

LONG: 115°45'W

Work Permit # MX-5-410-0600424

OWNER

L.G. STEPHENSON

1419 133A St.  
Surrey, British Columbia  
V4A 6A2

Work Performed from September 1, 1997 through July 31, 1998

Report By: L. Stephenson  
Submitted: September, 1998

GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORT

25,671

## TABLE OF CONTENTS

	Page
1.00 Introduction	1
2.00 Location and Access	1
3.00 Geological Prospecting	2
4.00 Conclusions	2
Exhibit "A" - Statement of Expenditure	5
Affidavit	6
Author's Qualifications	7
 MAPS	
Map 1 - Location Map	3
Map 2 - Location of Traverses and Showing on Claims	4
Map 3 - Prospecting Sampling Traverse Map (Attached)	

Report on a  
Geological Prospecting Program

DEK 22-29 CLAIMS

FORT STEELE MINING DIVISION

L. Stephenson

September 1998

---

1.00 Introduction

Mr. L. Stephenson staked the DEK 22 -29 Claims in August of 1997 and undertook to evaluate and locate the extension of the Southeast-northwest striking "Jake Showing" located on the adjacent claims. This showing is projected to be on the St. Eugene Mine trend as projected from the Society Girl deposit through the "Pipeline Showing" located 1.5 km to northwest of the property.

A geological prospecting survey was completed to establish the actual position of the early 1990's exploration work. Rock samples were taken that are representative of the Creston Formation and Kitchener Formation rocks which respectively, overlie the Upper Aldridge Formation.

2.00 Location and Access

The DEK 22-29 Claims are located east southeast of the town of Moyie, British Columbia. Access is provided to the claims via the South Main Teepee Creek and the Jake Creek logging roads.

3.00 Geological Prospecting and Mapping

Geological prospecting traverses were conducted across the claims utilizing the logging roads to confirm the geology. The Index map (Map 2) shows the traverses and the Prospecting Traverse Sampling map (Map 3) shows the showings and outcrop areas located to date on the Claims.

Rock types identified as Creston Formation underlay most of the DEK 22 - 29 Claims, but increasing float to sub-outcrop samples of stratigraphically higher Kitchener formation to the east suggests that part of the claims are underlain by that formation.

No previous assessment reports have been "published" on these claims. Although float boulders of gabbro were identified in the area no outcrops were encountered in the prospecting traverses. The Creston rocks are mainly argillite-argillaceous quartzites with a few thick quartzite units. Most of the observed outcrops consisted of thin 3 - 5 cm thick beds. The units were striking north-south with a gentle easterly dip (15-20 degrees). The best exposures of these rocks were found along the South Main Teepee Creek road, the

No distinct structural features were noted in the prospecting traverses.

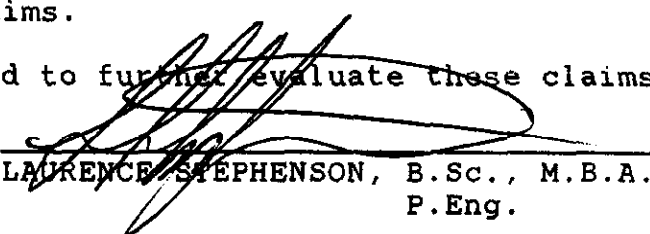
4.00 Mineralization

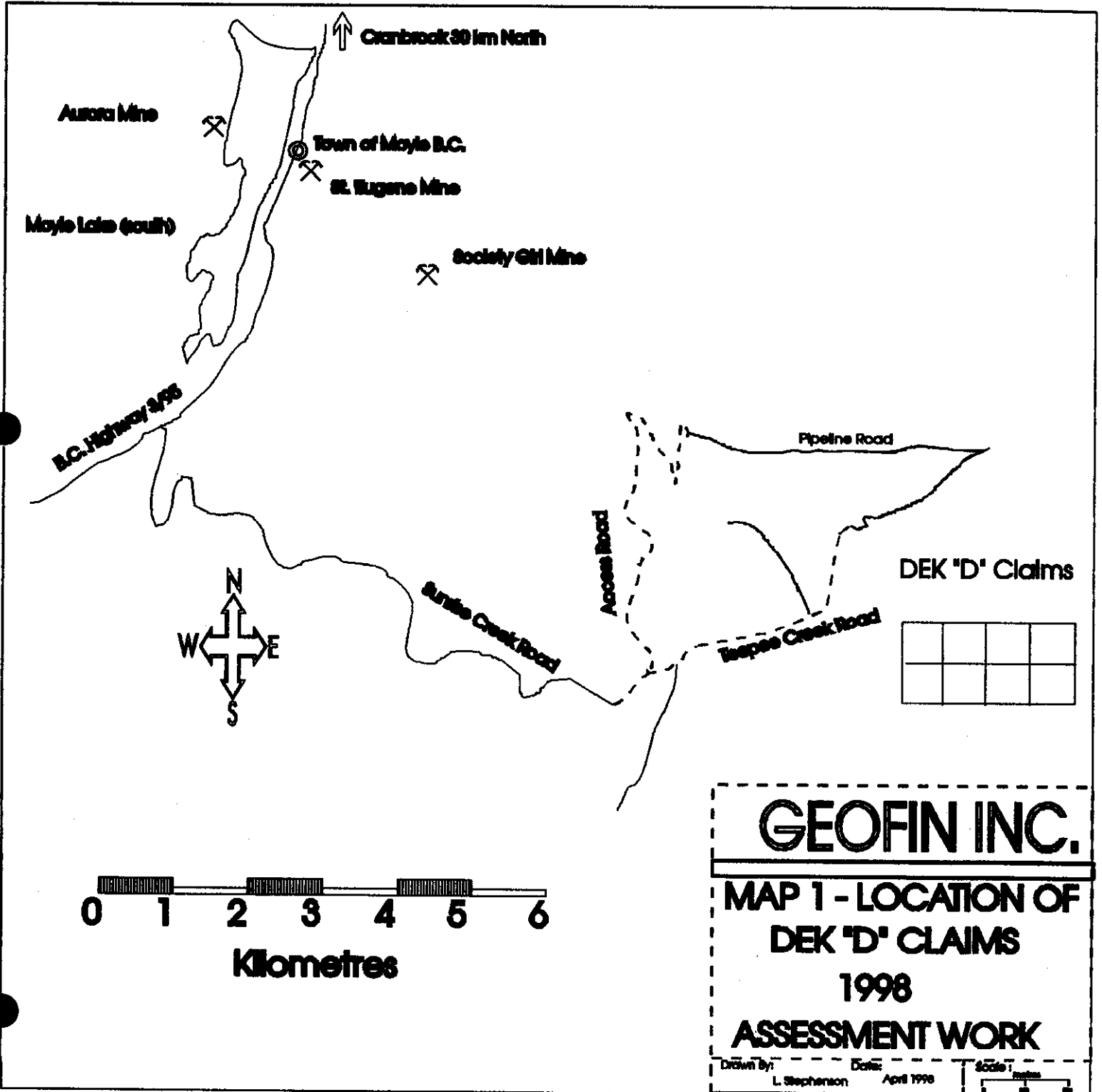
No evidence of mineralization was observed on the DEK 8-12 Claims.

5.00 Conclusions

The DEK 8-12 Claims could have the projected trend associated with the St. Eugene Mine where it cuts the Creston rocks although no distinctive evidence was found. Since the Creston rocks stratigraphically overlay the Aldridge rocks which host the main St. Eugene deposit and the claims lie between the Pipeline Showing to the north and the Jake showing to the south, the structure would be projected through these claims.

Further exploration is required to further evaluate these claims.

  
LAURENCE STEPHENSON, B.Sc., M.B.A.  
P.Eng.



# GEOFIN INC.

## MAP 1 - LOCATION OF DEK 'D' CLAIMS

1998

### ASSESSMENT WORK

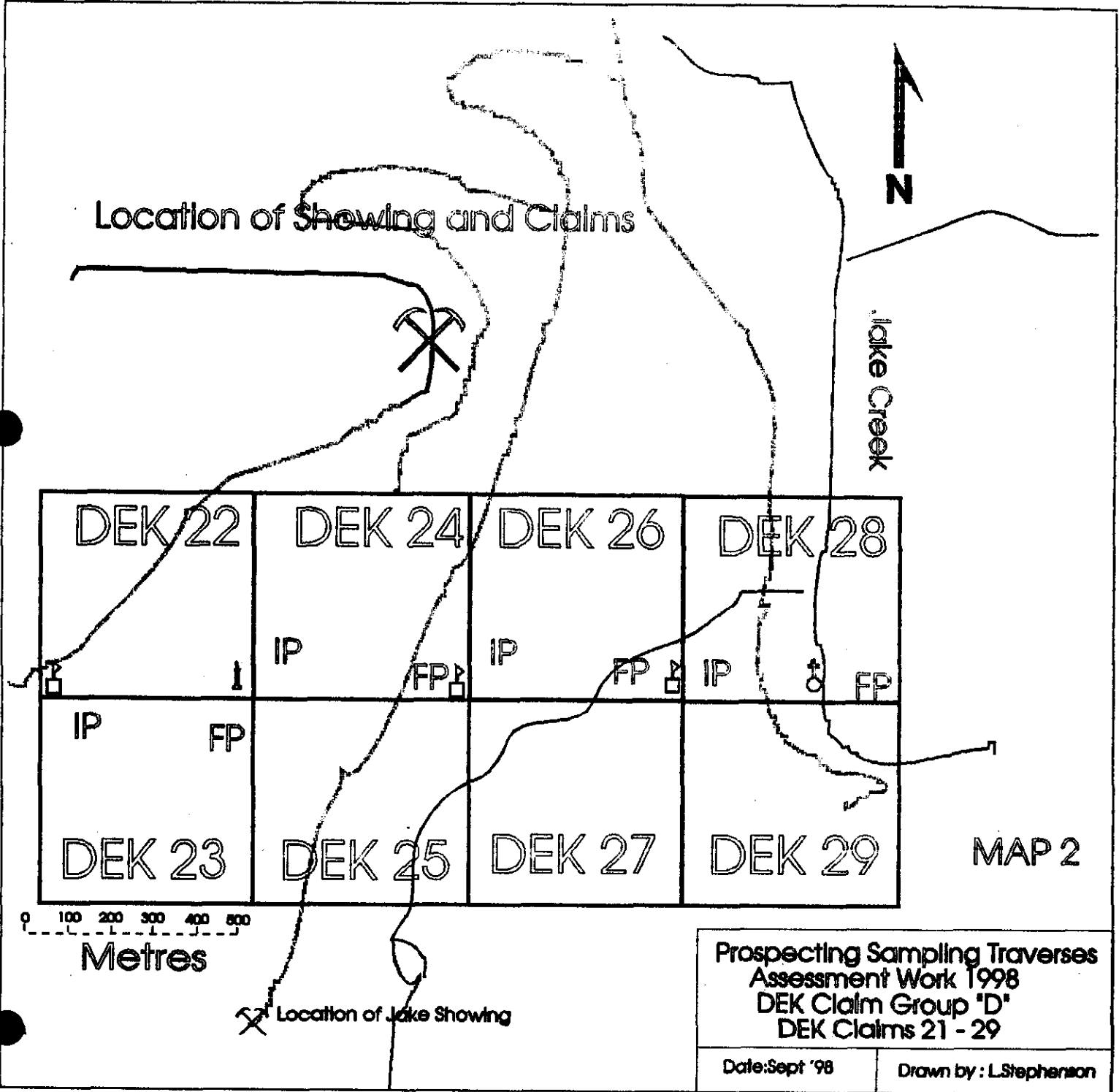


EXHIBIT "A"

STATEMENT OF EXPENDITURES

GEOLOGICAL PROSPECTING

ON THE DEK 8 - 12 CLAIMS  
FORT STEELE M.D.

Covering the period of September 1st 1997 to July 31st, 1998

SALARIES:

L. Stephenson - Geologist, P. Eng. Geological Prospecting 2 days  
Report writing &  
Interpretation 1 Days  
Map Preparation 1 Days  
Travelling - 2 days  
6 days @ \$400/ day \$2,400

TRANSPORTATION:

1 - 4x4 Pickup; 4 days @ \$65/day \$ 260

TOTAL = \$2,660

  
LAURENCE STEPHENSON, B.Sc., M.B.A.  
P.Eng.



IN THE MATTER OF THE  
B.C. MINERAL ACT  
AND  
IN THE MATTER OF A  
GEOLOGICAL PROSPECTING PROGRAM

CARRIED OUT ON THE DEK 8-12 CLAIMS PROPERTY  
MOYIE AREA

in the Fort Steele Mining Division  
of the province of British Columbia  
More Particularly N.T.S. 82G/4W

A F F I D A V I T

I, L. Stephenson, of the City of Surrey, in the Province of British Columbia, make an oath and say:

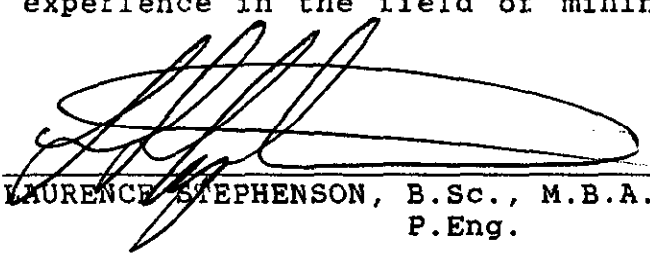
1. That I am employed as a geologist by GeoFin Inc. and as such have a personal knowledge of the facts to which I hereinafter depose:
2. That annexed hereto and marked as Exhibit "A" to this my Affidavit is a true copy of expenditures incurred on a geological prospecting program, on the DEK 8 - 12 mineral claims;
3. That the said expenditures were incurred between the 1st day of September, 1997 and the 29th day of September, 1998 for the purpose of mineral exploration.

  
\_\_\_\_\_  
LAURENCE STEPHENSON, B.Sc., M.B.A.  
P.Eng.

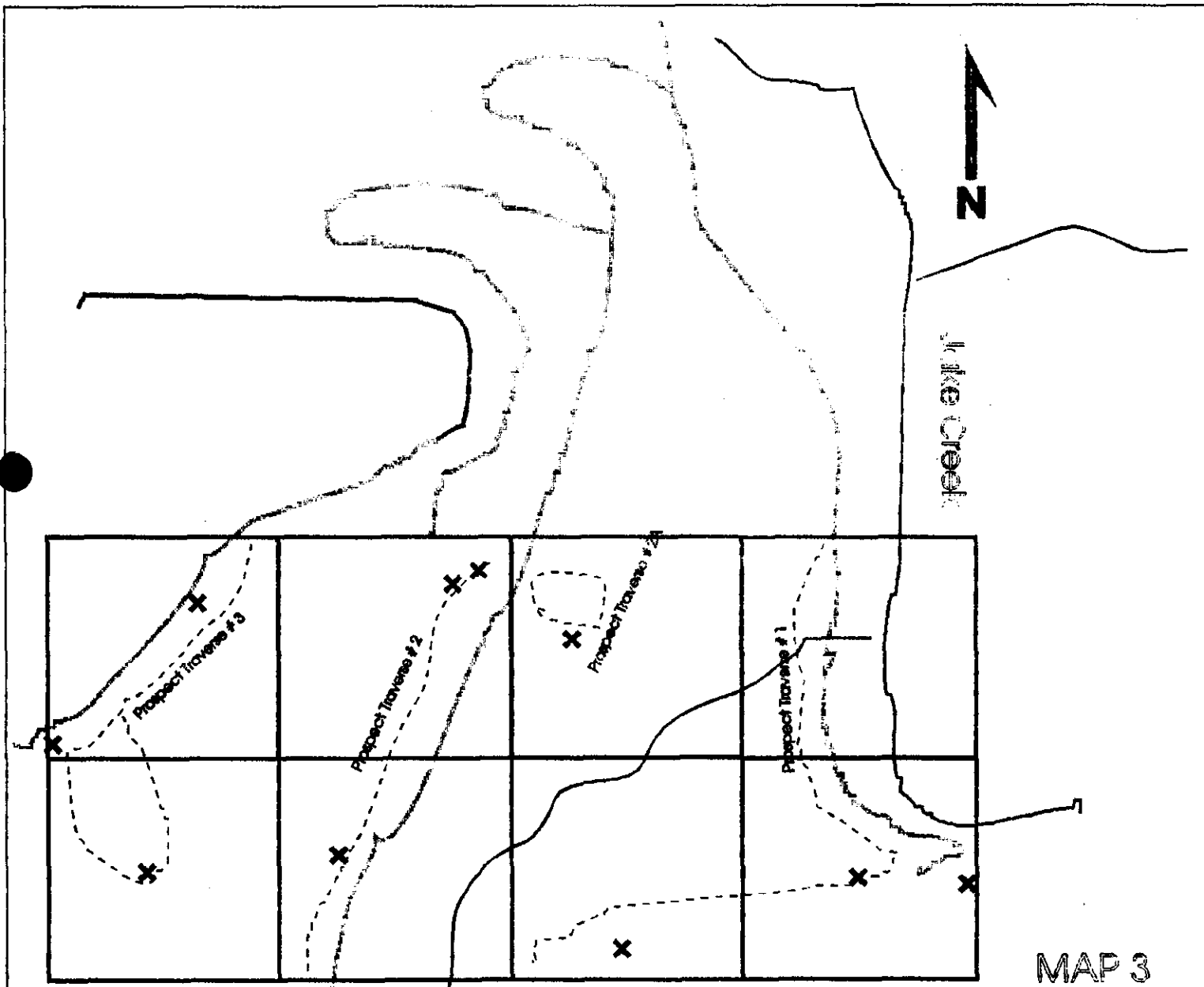
### AUTHOR'S QUALIFICATIONS

I, Laurence Stephenson, of the City of Surrey, in the Province of British Columbia, do hereby certify that:

1. I graduated from Carleton University in 1975 with a Bachelor of Science degree in Geology then, in 1985, graduated from York University with a Masters of Business Administration;
2. I am registered as a Professional Engineer for the Province of Ontario (1981) and currently a member in good standing;
3. I have had over 30 years experience in the field of mining exploration.





LAURENCE STEPHENSON, B.Sc., M.B.A.  
P.Eng.



MAP 3

0 100 200 300 400 500

Metres

-  Mineralized Float and Outcrops
-  Outcrop area (not mineralized)  
(Creston siltstone/Quartzite or  
Kitchener Carbonates)

Prospecting Sampling Traverses  
Assessment Work 1998  
DEK Claim Group "D"  
DEK Claims 21 - 29

Date: Sept '96

Drawn by : L. Stephenson