



*Geological Survey Branch
Assessment Report Indexing System*



[ARIS11A]

ARIS Summary Report

Regional Geologist, Cranbrook

Date Approved: 1998.10.20

Off Confidential: 1999.06.30

ASSESSMENT REPORT: 25559

Mining Division(s): Fort Steele

Property Name: Dek A

Location:	NAD 27	Latitude: 49 14 55	Longitude: 115 44 50	UTM:	11	5455629	591176
	NAD 83	Latitude: 49 14 55	Longitude: 115 44 54	UTM:	11	5455847	591092
	NTS:	082G04E					

Camp:

Claim(s): Dek 1-7

Operator(s): Stephenson, L.G.

Author(s): Stephenson, L.G.

Report Year: 1998

No. of Pages: 10 Pages

Commodities

Searched For: Silver, Copper, Zinc, Lead

General Work Categories: PROS

Work Done: Prospecting
PROS Prospecting (175.0 ha)

Keywords: Brecciation, Creston Formation, Helikian, Oxides, Quartzites, Veins

Statement Nos.: 3120893

MINFILE Nos.:

Related Reports: 10907

Report on a
Geological Prospecting Program

DEK A PROPERTY

DEK CLAIMS 1 - 7
FORT STEELE MINING DIVISION
CRANBROOK AREA
N.T.S. 82G/4W

SUB-RECORDER RECEIVED SEP 17 1998 M.R. # _____ \$ _____ VANCOUVER, B.C.

LAT: 49o15'N

LONG: 115o45'W

Work Permit # MX-5-410-0600424

OWNER

L.G. STEPHENSON

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

Work Performed from August 1, 1997 through June 28, 1998

Report By: L. Stephenson
Submitted: September, 1998

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

25,559

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Report on a
Geological Prospecting Program

DEK 1-7 CLAIMS

FORT STEELE MINING DIVISION

L. Stephenson

August 1998

1.00 Introduction

Mr. L. Stephenson staked the DEK Claims in July of 1997 and under took to evaluate and locate the east west striking "Pipeline Showing" reported on the claims. This showing is reported to be on the St. Eugene Mine trend as projected from the Society Girl deposit located 4 km to west of the property.

A geological prospecting survey was completed to establish the actual position of the early 1980's exploration work. Rock samples were taken that are representative of the Creston rocks and the vein structure. These traverses are located on Map 2.

Most of the Claims were reported on in Assessment report 10907 and part of the area was covered in Assessment Reports 20753 and 19932.

2.00 Location and Access

The DEK 1-7 Claims are located east southeast of the town of Moyie, British Columbia. Access is provided to the claims via the natural gas pipeline/B.C. Tel maintenance road (Map 1).

3.00 Geological Prospecting and Mapping

Geological prospecting traverses were conducted across the claims and along the pipeline to confirm the geology. The Index map (Map 2) shows the traverses and the Prospect Sampling Map (Map 3) shows the author's areas of Outcrop investigated during the prospecting.

Rock types identified as Lower and Upper Creston Formation underlay the DEK 1-7 Claims. Previous assessment reports identified this Formation to be intruded by gabbro (Moyie?) in the vicinity of the 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 pipeline cleared are mainly in the western part of the claims

(topographic high). Low outcrops were found along slope breaks.

A minor anticlinal warp to the Creston formation cresting on the southern boundary of the property has an east west strike. This trend parallels the main east west trend found at the main workings of the St. Eugene Mine.

Some faulting with minor offset was noted however no distinct evidence of major structural faulting was encountered in the prospecting traverses. The old trenches were located by the abundance of gossan float in obviously disturbed areas. One main outcrop of vein material was located on DEK 3 near its southern border.

4.00 Mineralization

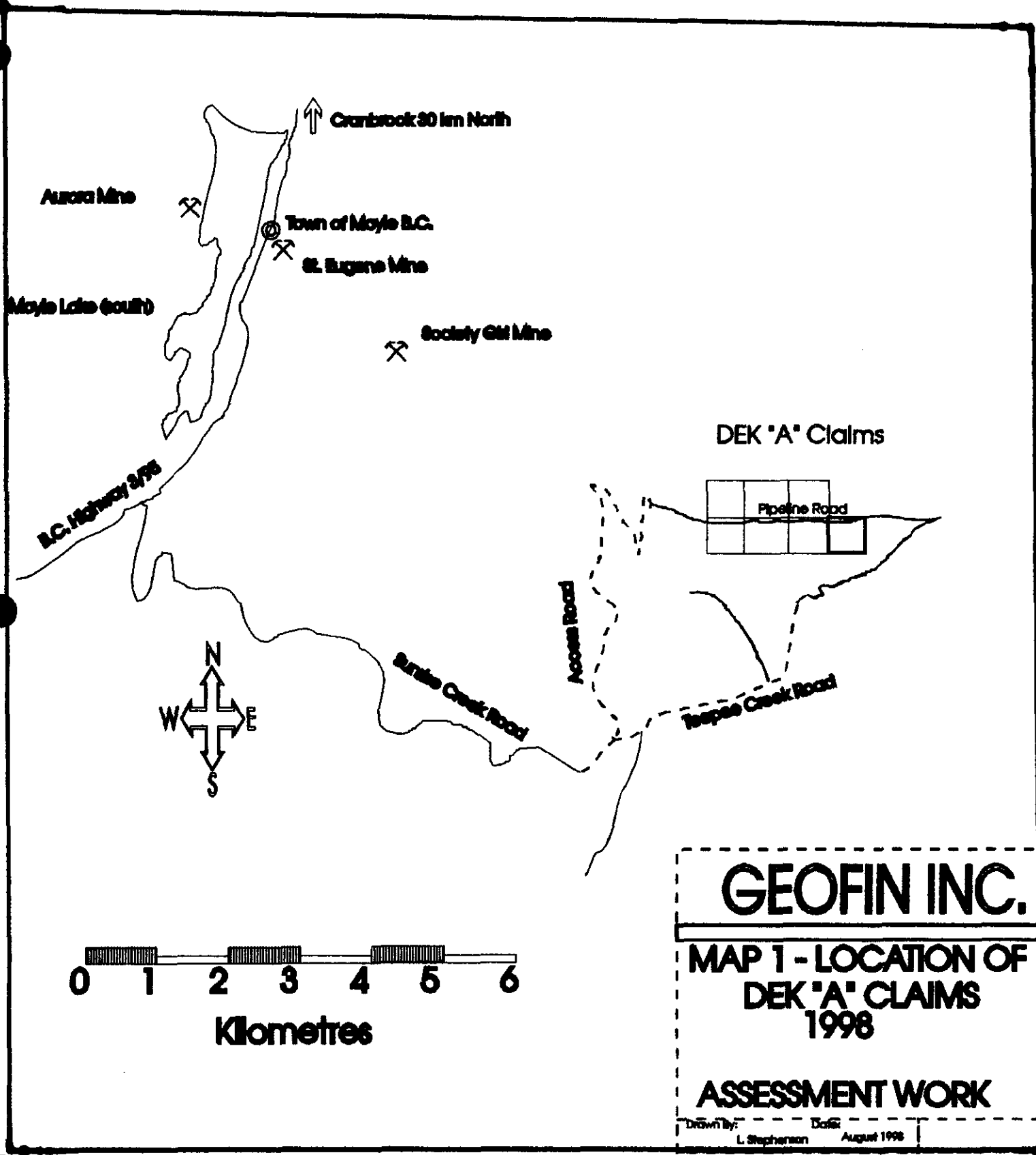
Distinct samples of gossan have been located on the DEK 1- 7 Claims just north of the pipeline right away. The old trenches were identified as areas of disturbance but no definitive trench outlines could be determined as they are almost completely overgrown. The vein mineralization which was located in outcrop and in float samples is completely oxidized, consisting of brecciated quartzite (Creston Formation) cemented with a hematitic limonitic matrix with vugs of manganese oxide (after sulphides?). In the exposed vein, massive manganese oxide (after sulphide?) were found indicating that the vein hosts massive mineralization not unlike that found in the St. Eugene Mine to the west which is completely oxidized.

5.00 Conclusions

The DEK 1-7 Claims have the "Pipeline Showing" located in its boundaries. This showing is part of the projected trend associated with the St. Eugene Mine where it cuts the Creston rocks. The Creston rocks stratigraphically overlay the Aldridge rocks which host the main St. Eugene deposit. The mineralogy and setting is not unlike that of the upper part of the St Eugene mine area, where thicker quartzite units host the thicker ore shoots. As well, the thicker ore shoots at the St Eugene Mine were associated with cross (north south) faults.

Further exploration is required to further evaluate these claims.

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



DEK "A" Claims



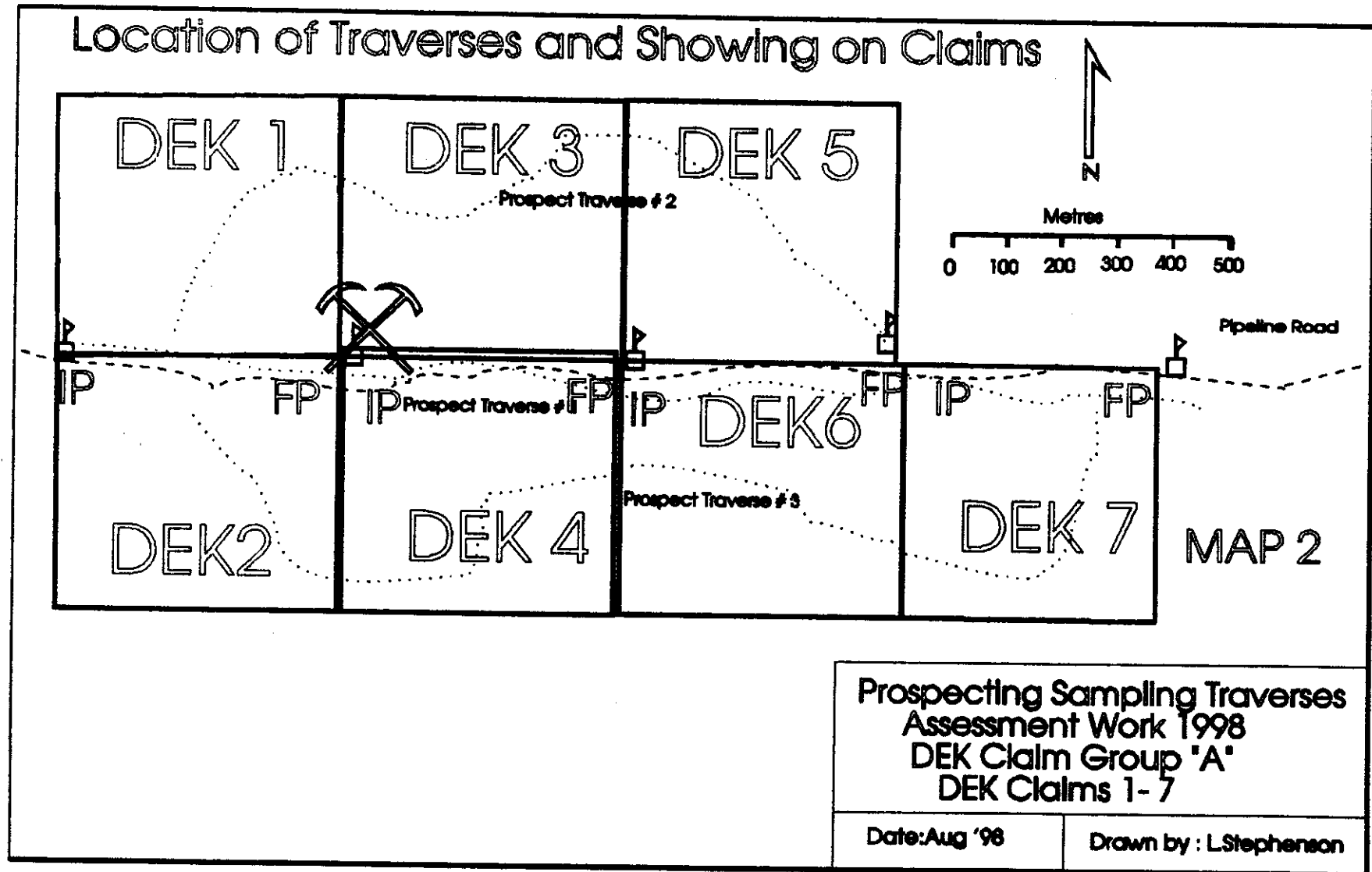
GEOFIN INC.

**MAP 1 - LOCATION OF
DEK "A" CLAIMS
1998**

ASSESSMENT WORK

Drawn by: L. Stephenson Date: August 1998

Location of Traverses and Showing on Claims



Prospecting Sampling Traverses
Assessment Work 1998
DEK Claim Group 'A'
DEK Claims 1- 7

Date: Aug '98

Drawn by : L. Stephenson

EXHIBIT "A"

STATEMENT OF EXPENDITURES

GEOLOGICAL PROSPECTING

ON THE DEK 1 -7 CLAIMS
FORT STEELE M.D.

Covering the period of August 1st 1997 to June 28th, 1998

SALARIES:

L. Stephenson - Geologist, P. Eng. Geological Prospecting 4 days
Report writing &
Interpretation 1 Days
Map Preparation 1 Days
Travelling - 2 days
8 days @ \$400/ day \$3,200

TRANSPORTATION:

1 - 4x4 Pickup; 6 days @ \$65/day \$ 390

TOTAL = \$3,590


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 1-7 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:

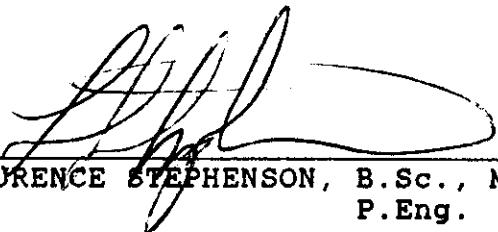
1. That I am employed as a geologist by GeoFin Inc. and as such have a personal knowledge of the facts to which I hereinafter depose:
2. That annexed hereto and marked as Exhibit "A" to this my Affidavit is a true copy of expenditures incurred on a geological prospecting program, on the DEK 1 - 7 mineral claims;
3. That the said expenditures were incurred between the 1st day of August, 1997 and the 28th day of ~~July~~ ^{June}, 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.



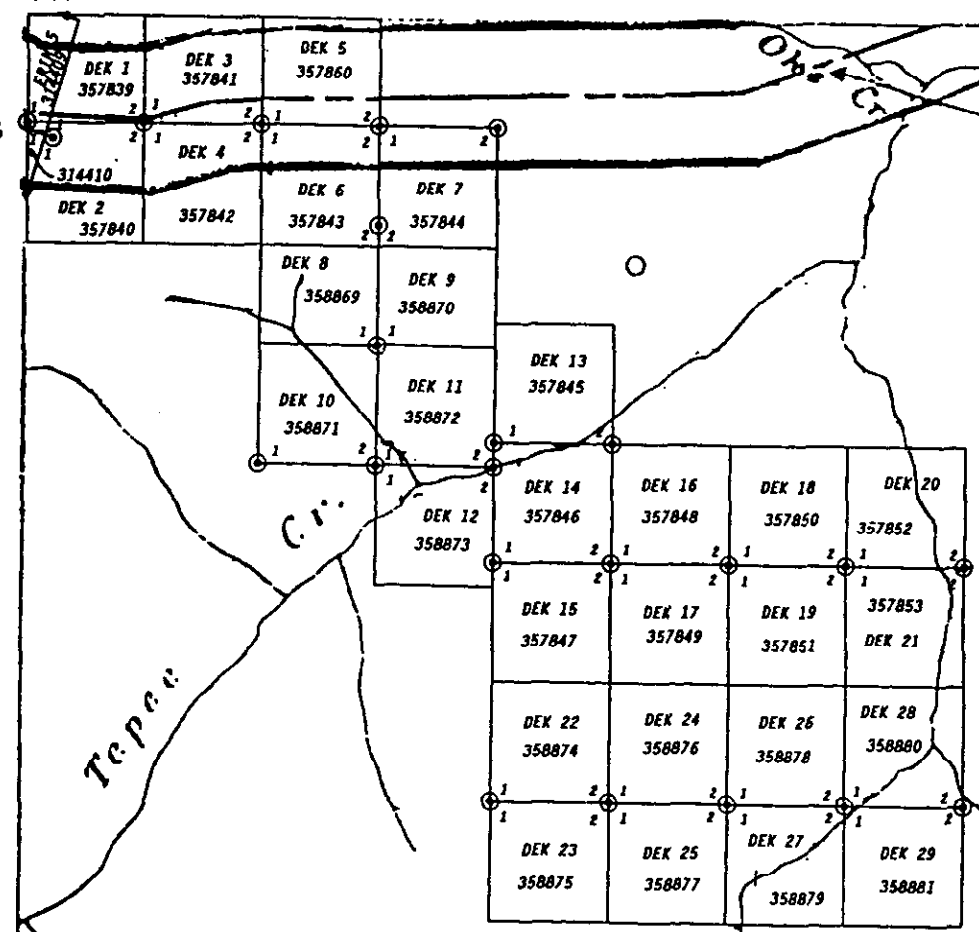
LAURENCE STEPHENSON, B.Sc., M.B.A.
P.Eng.

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115°45'00"
49°15'00"

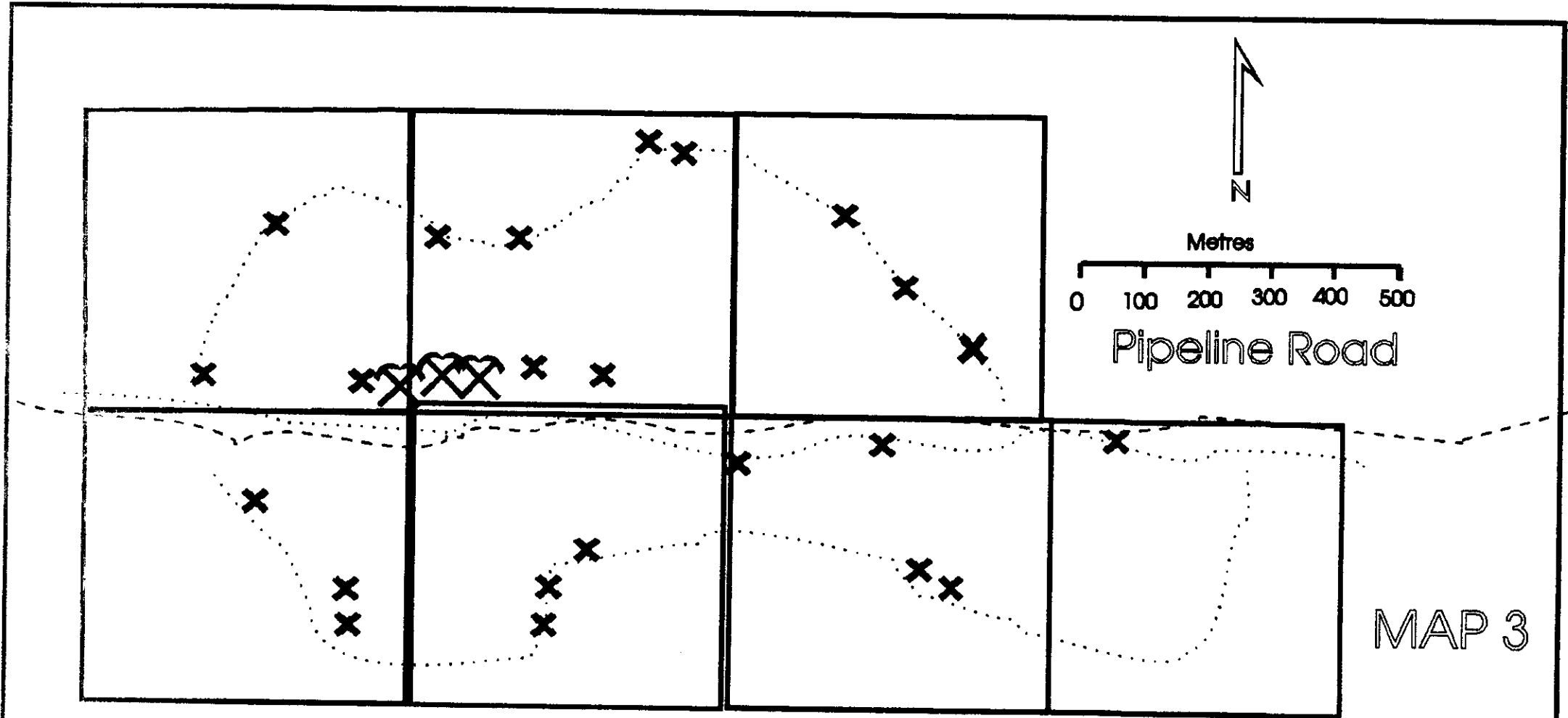
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MINERAL & PLACER
%c 660, 20-2-75
SUBJECT TO CONDIT

08



MAP 3

-  Trench Area Mineralized Float and in Place Vein Outcrops
-  Outcrop area (not mineralized) (Creston siltstone/Quartzite)

Prospecting Sampling Traverses
 Assessment Work 1998
 DEK Claim Group "A"
 DEK Claims 1-7

Date: Aug '98

Drawn by : L. Stephenson