

ARIS SUMMARY SHEET

District Geologist, Prince George

Off Confidential: 89.06.09

ASSESSMENT REPORT 17646

MINING DIVISION: Cariboo

PROPERTY: Rec
LOCATION: LAT 52 01 00 LONG 120 34 00
UTM 10 5765469 666981
NTS 093A02E

CLAIM(S): Rec, LK 1-2
OPERATOR(S): Durfeld Geol.
AUTHOR(S): Durfeld, R.M.
REPORT YEAR: 1988, 16 Pages

COMMODITIES
SEARCHED FOR: Gold, Silver

GEOLOGICAL
SUMMARY: The property is underlain by foliated argillaceous rocks, which are cut by milky quartz veins up to 2 metres thick. Quartz-sulphide samples taken from old workings contain up to 620 grams of silver per tonne, and 3.23 grams of gold per tonne.

WORK
DONE: Prospecting
PROS 25.0 ha
ROCK 13 sample(s) ;ME
MINFILE: 093A

LOG NO: 0117	RD. 1
ACTION: Date received report back from amendments.	
FILE NO:	

LOG NO: 0620	RD.
ACTION:	
FILE NO:	

**GEOCHEMICAL AND GEOLOGICAL REPORT
ON THE REC MINERAL CLAIM
CARIBOO MINING DIVISION, BRITISH COLUMBIA**

NTS 93A/2

FILMED

52° 01' north latitude
120° 34' west longitude

By

R.M. Durfeld

**Durfeld Geological Management Ltd.
180 Yorston Street
Williams Lake, B.C. V2G 3Z1**

June 1988

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

17,646

TABLE OF CONTENTS

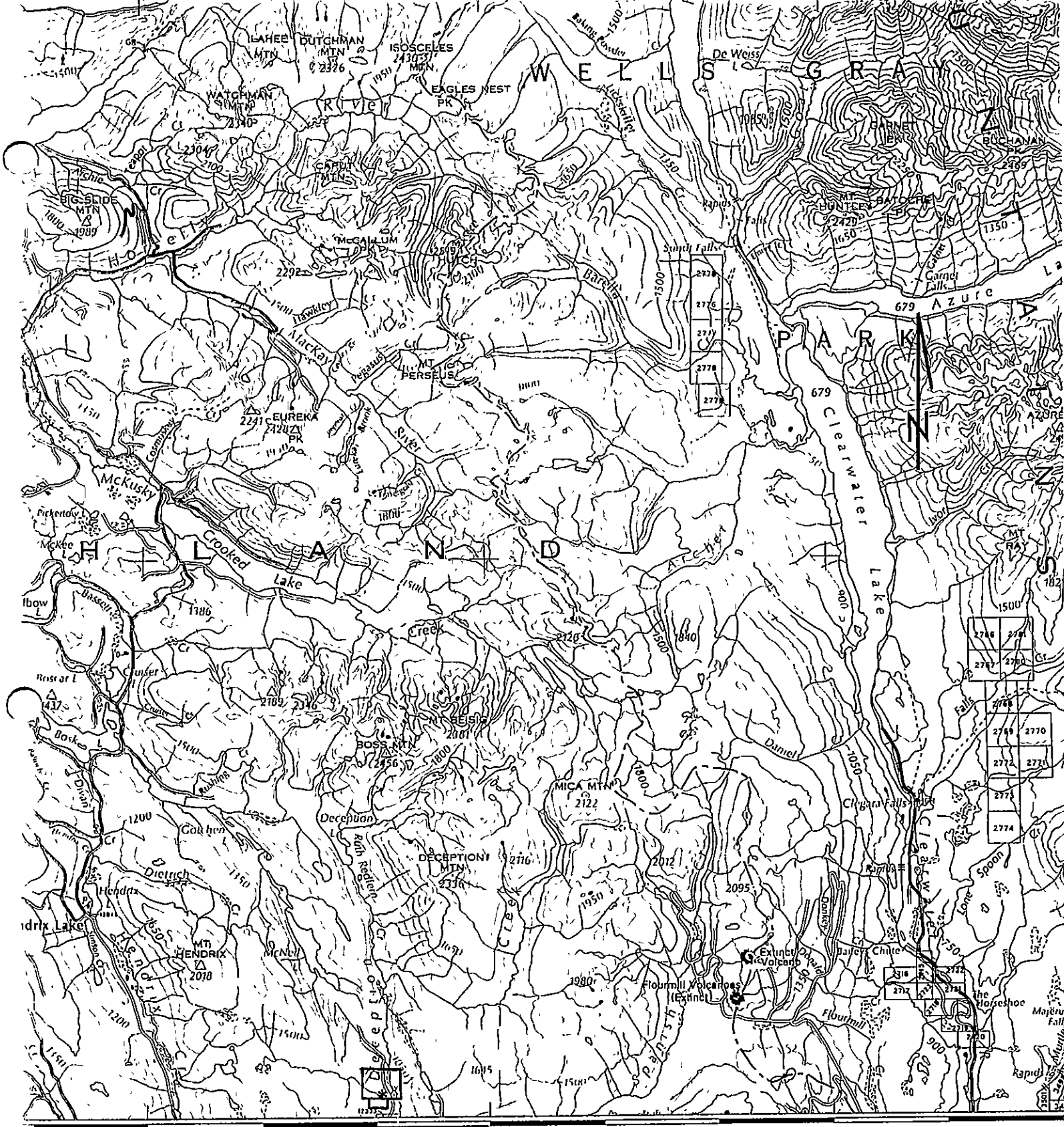
	Page
A.) INTRODUCTION	1
1) Location	1
2) Access and Physiography	1
3) Ownership	1
4) History and Previous Work	1
5) Purpose of Program	2
B.) GEOLOGY	2
1.) Regional Geology	2
2.) REC Property Geology	2
C.) GEOCHEMISTRY AND MINERALIZATION	2
D.) CONCLUSIONS	3
E.) COST STATEMENT	3
F.) CERTIFICATE	4

APPENDIX I:

- Geochemical Rock Sample Results
- Rock Sample Descriptions

ILLUSTRATIONS

- Figure 1 - REC Property Location Map (1:250,000)
 - REC Claim Location Map (1:50,000)
- Figure 2 - Geology and Sample Location Map (1:5,000 and 1:500)
- Figure 3 - Geochemical Results (1:5,000 and 1:500)



45°

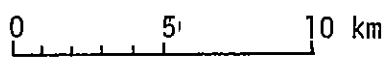
30'

15'



- outline of REC, LK1 and LK2 mineral claims

* - area of 1987 sampling



REC PROPERTY
 LOCATION MAP NTS 93/A
 Scale: 1:250,000
 Figure 1

A.) INTRODUCTION

1) Location

The REC property is located (Figure 1) in the Cariboo Mining Division, British Columbia, 75 kilometres northeast of the village of 100 Mile House and 17 kilometres southeast of the community of Hendrix Lake. More precisely, it is located at 52 degrees 01 minutes north latitude and 120 degrees 34 minutes west longitude. (National Topographic System Map 93A/2)

2) Access and Physiography

The REC property is readily accessible from 100 Mile House via paved highway to the community of Eagle Creek from where secondary Hendrix Lake gravel road continues. After seventeen kilometres from Eagle Creek on the Hendrix Lake road, a road junction to the east after nine kilometres crosses Deception Creek within three kilometres of the property. Access on the property is via seasonal roads up Deception Creek.

The REC property covers gentle east and west-facing slopes that are centred on the north-south Deception creek drainage. Locally, secondary drainages form steep canyons particularly in the easterly drainage in the south of the property. The elevation on the REC property varies from 950 to 1250 metres above sea level.

The vegetation on the REC property is characterized by mature forests of pine, spruce and fir with variable undergrowths of alder and devil's club.

3) Ownership

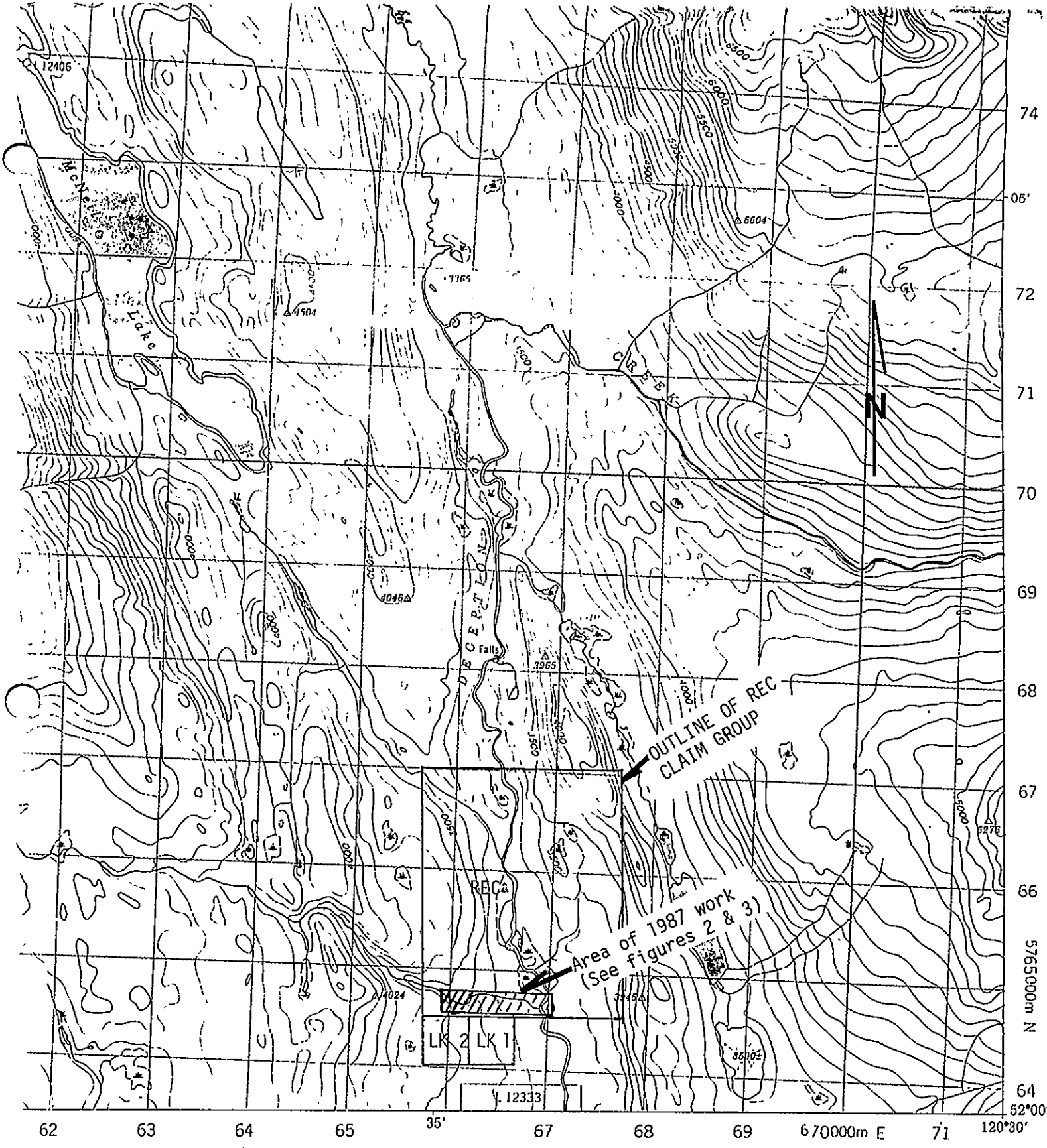
The REC property consists of 1 modified grid and 2 2-post mineral claim comprised of 14 claim units. (Figure 1a) The current status of these claims is summarized as:

Claim Name	Number of Units	Record Number	Record Date
REC	12	8542	July 07, 1987
LK 1	1	8513	June 22, 1987
LK 2	1	8514	June 22, 1987

The above claims have been grouped as the REC mineral claim group in which all interest is held by Eric Scholtes.

4) Previous Work

The area was staked by Mr. Scholtes to cover an old open cut and adit on the north side of the east flowing drainage in the south-



Scale 1:50,000
NTS 93A/1

REC CLAIM LOCATION MAP

Figure 1a

central area of the property. A geochemical soil survey was conducted in the area but was not available for review. The adit and open cut areas are not referenced in any of the old Minister of Mines Reports.

5) Purpose of Program

A limited program of rock sampling and geological mapping on the REC claim was carried out. The purpose of this work was to geologically evaluate the area and determine the potential of the REC property hosting gold mineralization similar to that encountered at Eureka Resources McKay River property thirty-five kilometres to the north.

B.) GEOLOGY

1.) Regional Geology

Regional geological mapping by R.B. Campbell of the area in 1961 and 1962 for the Geological survey of Canada shows the REC property area as largely being covered by glacial drift. However, this mapping suggests a contact between clastics of the Lower Cambrian Midas formation and volcanics and clastics of Triassic to Jurassic Age. The limited mapping that was conducted as part of this program did not resolve the relative age of the host rocks on the REC property.

2.) REC Property Geology

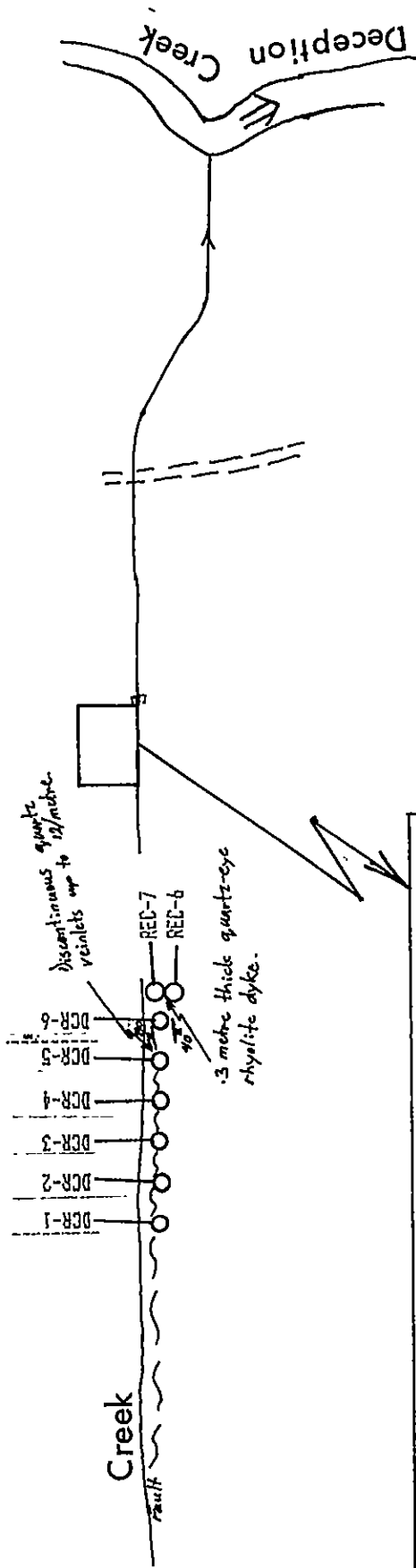
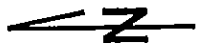
Limited mapping showed the rock sampled area to be underlain by a phyllitic to schistose argillaceous lithology on which there was a strong westerly foliation developed. The steep creek canyon in the sampled area is due to faulting on this trend.

Locally quartz veins are developed approximately parallel to the main foliation trend. One such vein is exposed in an open cut and adit and shows a thickness of up to 2 metres. Pyrite, galena, tetrahedrite and chalcopyrite were noted on these vein structures.

A quartz-eye rhyolite porphyry dyke about 1 foot thick was recognized parallel to the foliation in the upper portion of the sampled area and seemed to be concordant with the main foliation in this area.

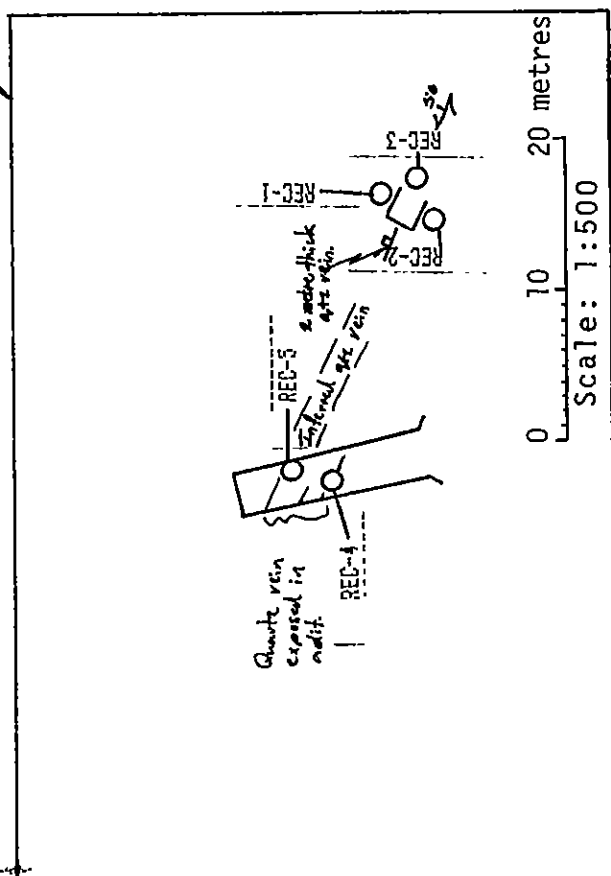
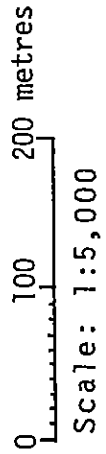
C.) GEOCHEMISTRY AND MINERALIZATION

To evaluate the mineral potential of the REC property thirteen rock samples were collected and sent to MIN-EN Labs in Vancouver. MIN-EN Labs analyzed the rock sample for gold and multi-element ICP. The location of these sample sites is shown as figure * and the results for gold, silver, arsenic, copper, lead and zinc are highlighted as figure * and listed as appendix I of this report.



LEGEND

- - rock chip sample site
- - - open cut
- - - adit
- ▬ - road

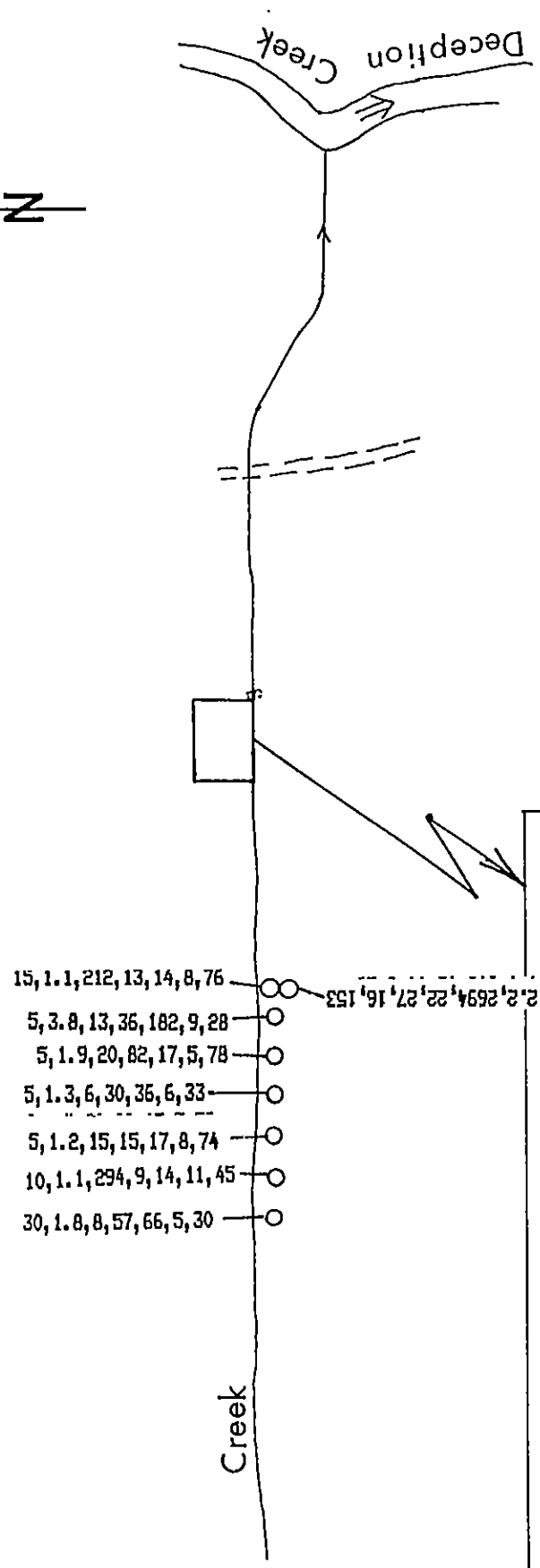
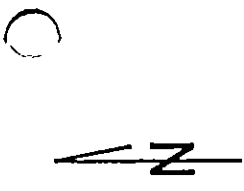


REC PROPERTY

SAMPLE LOCATION AND GEOLOGY

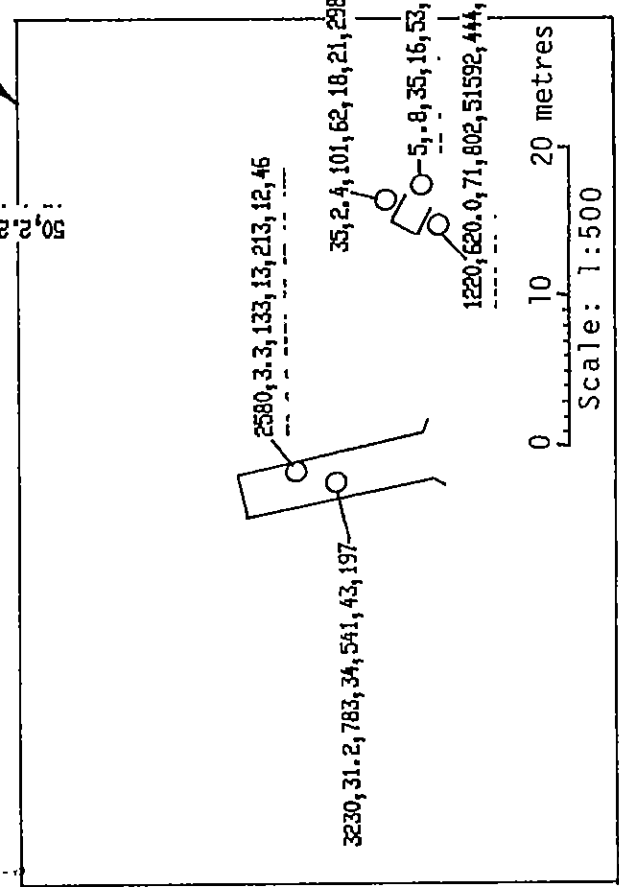
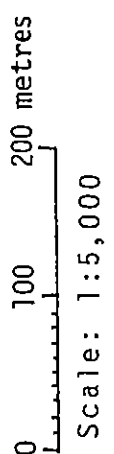
NTS 93A/2

Figure 2



LEGEND

- - rock chip sample site
- - - open cut
- - - adit
- == road
- gold (ppb), silver, arsenic, copper, lead, antimony, zinc (ppm)



REC PROPERTY
 GEOCHEMICAL RESULTS
 NTS 93A/2

Figure 3

Gold and Silver

Rock samples REC 3, 4 & 5 returned significant analyses in gold (1.22, 3.23 & 2.58 grams/tonne gold) and silver (620, 31.2 & 3.3 grams/tonne silver). These samples were all of sulphide mineralized (pyrite, galena, tetrahedrite and chalcopyrite) quartz vein material in the area of the old workings. The other samples of footwall and hangingwall material returned only background values in gold and silver.

Accessory Minerals

Arsenic shows anomalous concentrations in vein sample REC 4 and in association with the quartz-eye rhyolite dyke in sample Rec 6. The quartz vein as REC 3 with the highest silver values also shows the strongest response in copper (802 ppm), lead (51592 ppm) and antimony (444 ppm).

D.) CONCLUSIONS

The REC property is underlain by a phyllitic to schistose argillaceous lithology to the Lower Cambrian Midas Group or younger Triassic-Jurassic Age. The area of Eureka Resources McKay River property was initially mapped as being underlain by the Lower Cambrian Midas Group, but recent work has shown it to be Triassic to Jurassic in age. Additional mapping in the REC property area would better define the age relationship of the host rocks here.

Limited sampling of the REC property has shown the quartz vein material to be highly anomalous in gold and silver.


Additional work is warranted on the REC property to evaluate its potential of hosting vein and/or stratiform gold deposits similar to those developed at Eureka Resources McKay River property.

E.) COST STATEMENT

TECHNICAL STAFF

GEOLOGIST - R. Durfeld	
1 day @ \$350	\$ 350.00
PROSPECTOR - E. Scholtes	
3 days @ \$200	600.00
BOARD - 3 mandays @ \$30	90.00
TRUCK RENTAL AND FUEL	200.00
GEOCHEMICAL ANALYSES	245.00

REPORT	- compilation of data and drafting	250.00
		<hr/>
TOTAL COST OF PROGRAM		\$ 1,735.00




R.M. Durfeld, B.Sc.
(Geologist)

F.) CERTIFICATE

I Rudolf M. Durfeld, do hereby certify:

- 1.) That I am a geologist with offices at 180 Yorston Street, Williams Lake, B.C.
- 2.) That I am a graduate of the University of British Columbia, B.Sc. Geology 1972, and have practiced my profession with various mining and/ or exploration companies and as an independent geologist consultant since graduation.
- 3.) That I am a Fellow of the Geological Association of Canada (Member No: F3025), and am a member of The British Columbia and Yukon Chamber of Mines and the Canadian Institute of Mining and Metallurgy.
- 4.) That this report is based on my personal knowledge of the property as geologist on the limited exploration program that was conducted on the REC property during the period June 1st to June 18th, 1987.



R.M. Durfeld, B.Sc.
(Geologist)

APPENDIX I:

Geochemical Rock Sample Results
Rock Sample Descriptions

MIN-EN LABORATORIES LTD.

Specialists in Mineral Environments

705 West 15th Street North Vancouver, B.C. Canada V7K 1T2

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

TELEX: VIA USA 7601067 UC

Certificate of ASSAY

Company: DURFELD GEOLOGICAL
Project:
Attention: R. DURFELD

File: 7-640R
Date: JUNE 29/87
Type: PULP ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AG G/TONNE	AG OZ/TON	AU G/TONNE	AU OZ/TON
REC-3	620.0	18.08	1.22	0.036
REC-4	31.2	0.91	3.23	0.094
REC-5	3.3	0.10	2.58	0.075

Certified by



MIN-EN LABORATORIES LTD.

PROJECT NO:

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 7-640

ATTENTION: R. DURFELD

(604)980-5814 DR (604)988-4524

* TYPE ROCK GEOCHEM * DATE: JUNE 26, 1987

(VALUES IN PPM)	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
DCR-1	1.8	840	8	5	14	1.4	5	32700	4.4	4	57	28960
DCR-2	1.1	13030	294	7	51	2.5	5	690	5.8	3	9	36420
DCR-3	1.2	1540	15	5	45	2.5	4	61020	5.6	5	15	48840
DCR-4	1.3	1540	6	5	33	1.5	4	34620	4.6	5	30	32580
DCR-5	1.9	9930	20	8	942	2.9	4	44240	5.5	12	82	48390
DCR-6	3.8	4840	13	5	53	1.8	3	8280	2.5	4	36	23830
REC-1	.8	5710	35	5	43	1.1	1	540	1.6	4	16	14330
REC-2	2.4	8370	101	6	77	5.3	9	470	7.4	8	62	76240
REC-3	326.2	400	71	5	5	.1	11	130	5.2	1	802	8810
REC-4	25.8	880	783	5	39	6.1	13	2300	14.2	14	34	98430
REC-5	3.0	2850	133	5	25	2.5	5	190	4.6	4	13	35890
REC-6	2.2	17050	2694	9	81	3.2	5	2630	21.1	6	22	42950
REC-7	1.1	11850	212	7	70	3.0	3	8240	6.0	5	13	36020

PROJECT NO:

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7K 1T2

FILE NO: 7-640

ATTENTION: R. DURFELD

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

* TYPE ROCK GEOCHEM * DATE: JUNE 26, 1987

(VALUES IN PPM)	K	LI	MG	MN	MO	NA	NI	P	PD	SB	SR	TH
DCR-1	180	1	11560	773	1	110	16	240	66	5	32	3
DCR-2	1110	34	6760	161	1	450	5	770	14	11	29	4
DCR-3	130	3	23290	1115	1	90	22	30	17	8	102	4
DCR-4	380	1	14230	863	1	130	13	90	36	6	56	7
DCR-5	3170	25	19780	725	1	550	30	2390	17	5	696	4
DCR-6	1490	2	4530	343	1	360	17	340	182	9	35	1
REC-1	1330	3	350	284	2	550	8	330	53	5	14	2
REC-2	1790	4	830	228	12	600	17	770	18	21	29	3
REC-3	70	1	160	117	5	50	3	40	51592	444	2	1
REC-4	90	1	1350	77	11	70	42	10	541	43	23	13
REC-5	420	1	440	111	4	190	13	140	213	12	11	1
REC-6	1720	32	9430	216	2	530	10	460	27	16	40	9
REC-7	1820	17	9420	283	2	430	17	530	14	8	48	7

PROJECT NO:

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 7-640

ATTENTION: R. DURFELD

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

* TYPE ROCK GEOCHEM * DATE: JUNE 26, 1987

VALUES IN PPH	U	V	ZN	GA	SN	W	CR	AU-PPB
DCR-1	7	2.3	30	3	2	1	258	30
DCR-2	1	16.4	45	1	2	4	60	10
DCR-3	7	4.8	74	3	5	2	157	5
DCR-4	1	5.6	33	2	1	1	272	5
DCR-5	7	64.8	78	5	1	1	66	5
DCR-6	1	7.6	28	1	1	1	234	5
REC-1	1	6.4	61	1	2	1	267	5
REC-2	1	13.0	298	3	3	2	133	35
REC-3	4	1.8	144	1	12	1	351	1250
REC-4	1	4.4	197	2	4	1	261	1850
REC-5	1	5.2	46	1	4	1	305	2600
REC-6	1	26.3	153	1	4	4	110	50
REC-7	1	13.1	76	1	2	1	198	15

Rock Sample Descriptions

Sample #	Description
DCR 1	- random chip sample of phyllite with minor quartz veining
DCR 2	- random chip sample of phyllite with minor quartz veining
DCR 3	- random chip sample of phyllite with minor quartz veining
DCR 4	- random chip sample of phyllite with minor quartz veining
DCR 5	- random chip sample of phyllite with minor quartz veining
DCR 6	- random chip sample of phyllite with minor quartz veining
REC 1	- wallrock of pyritic phyllite on north side of vein as sample REC 3
REC 2	- wallrock of pyritic phyllite on south side of vein as REC 3
REC 3	- sulphide rich (pyrite and galena) milky quartz vein up to 2 metres thick, near vertical on a 300° trend.
REC 4	- quartz sulphide rubble from the floor of the adit
REC 5	- sample of vuggy quartz vein exposed in adit
REC 6	- sample of .3 metre thick quartz-eye rhyolite dyke on east-west 40° south trend
REC 7	- footwall and hangingwall material up to 1 foot on either side of rhyolite dyke. dyke