BRITISH COLUMBIA

PROSPECTORS ASSISTANCE PROGRAM

MINISTRY OF ENERGY AND MINES

GEOLOGICAL SURVEY BRANCH

PROGRAM YEAR:	1997/1998
REPORT #:	PAP 97-25
NAME:	ROBIN DAY

KEG #1-8 CLAIMS

RECONNAISSANCE PROSPECTING REPORT

OMINECA MINING DIVISION
BRITISH COLUMBIA

NTS 93-L-13

Latitude 54 degrees 48 minutes north
Longitude 127 degrees 50 minutes west

Annual Work Approval No. SMI-97-0200521-54

And For

B.C. Prospectors Assistance Program
Reference No. 97/98 P59

By

Robin C. Day B.Sc., F.G.A.C.

Nov. 01, 1997

TABLE OF CONTENTS

KEG #1-8 CLAIMS PROSPECTING AREA

EXECUTIVE SUMMARY

The Keg #1-8 claims and surrounding area was prospected from June 01 to June 16, 1997, totaling 26 man days of prospecting and 6 man days equipment preparation, mobilization, camp set-up and egress. The area was prospected for Cu-Au porphyry and porphyry related precious metal mineralization between the Louis Lake and Zymo porphyries. A float train of sericite-pyrite altered boulders was identified immediately west of the Louis Lake porphyry system and traced 'up-ice' for over 10 kilometers to the west-south-west to Mulwain Creek. This float train is interpreted to have originated from the Zymo porphyry system. Weak silicification and pyritization was identified in structures associated with the Coal Creek fault, however, no significant geochemistry/assay results were obtained from samples collected. A few minor copper occurrences were found in Jurassic volcanics. Prospecting also revealed that a large body of Cretaceous-Eocene granitoids as reported on G.S.C. Open File map # 351 (the central prospecting area covered by the Keg #1-8 claims), does not exist. This area is underlain by Jurassic volcanics. No significant mineralization or intrusion related alteration was identified and no further work is recommended.

PROJECT LOCATION

West-central B.C. about 43 kilometers west of Smithers and between the Louis Lake and the Zymo porphyry systems

N.T.S. MAP

93-L-13 and around lat.54 deg. 48 min. north and long. 127 deg. 50 min. west.

ACCESS

By truck to landings on the McDonald Main logging road.

COMMODITIES

Au, Ag, Cu (chalcopyrite, chalcocite, malachite, sphalerite, galena etc.)

DEPOSIT TYPES

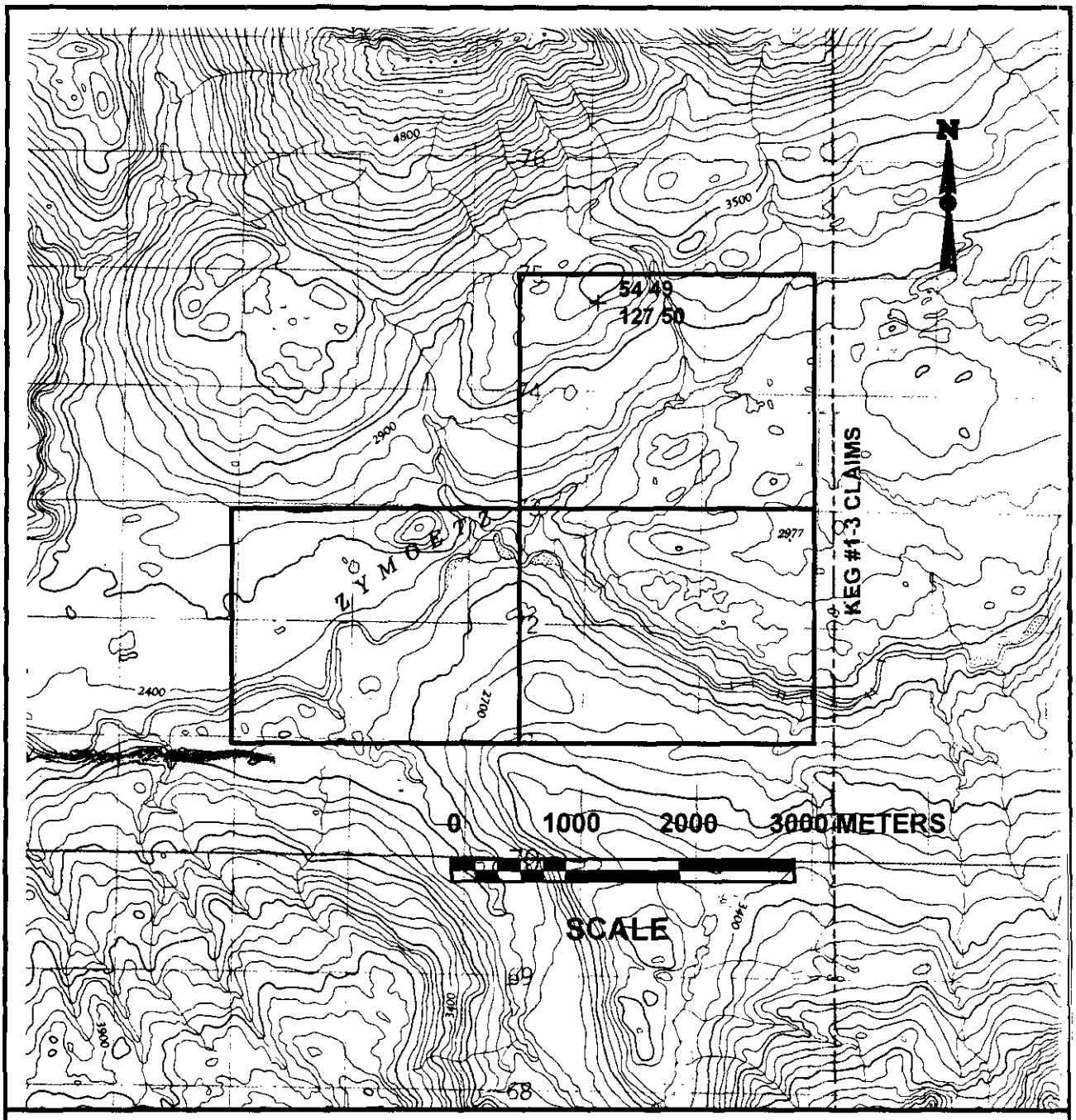
Cu-Au-Ag porphyry systems which may be 'clustered' with the Zymo and Louis Lake porphyry systems; porphyry related Au, Ag sheeted vein or stockwork systems; or bulk tonnage 'Pueblo Viejo' type replacement deposits in sandstones and conglomerates.

GEOLOGY

The project area is underlain by fault bounded blocks of Middle Jurassic Hazelton Group volcanics and sediments, and Lower Cretaceous Skeena Group sandstones and conglomerates, both intruded by Upper Cretaceous to Early Tertiary felsites. The Keg claims are reported on G.S.C. Open File Map #351 to be underlain for the most part by late Cretaceous to early Tertiary granitoids, however, prospecting revealed that these granitoids do not exist. The Coal Creek fault (the Lake Louis porphyry system straddles the Coal Creek fault about 6 kilometers to the northeast) transects the Keg claim block. (See fig.02).

CLAIM OWNERSHIP

The Keg #1-8 claims are beneficially owned by Robin Day (50%) and Larry Hewitt (50%).

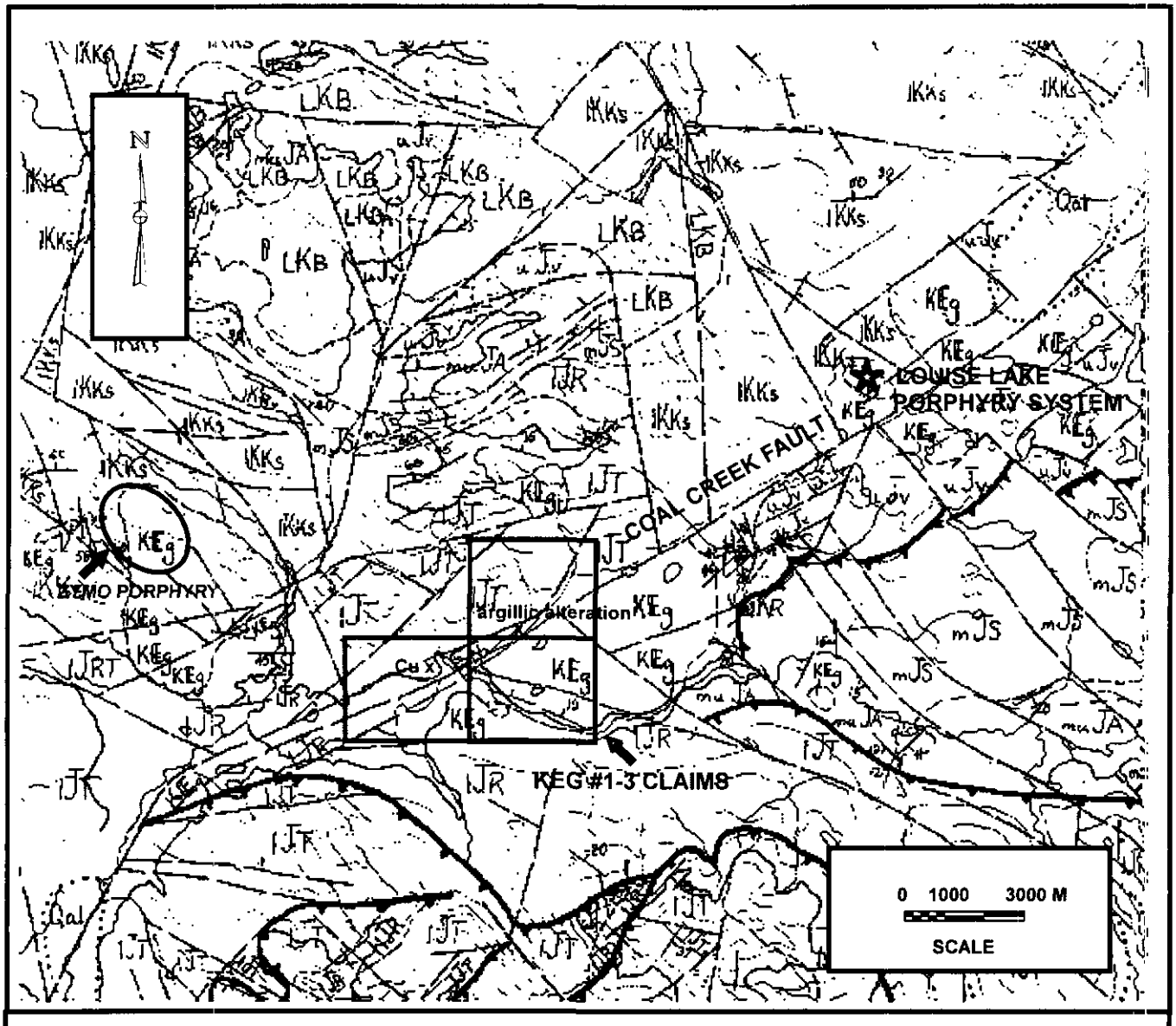


TOPOGRAPHIC LOCATION

KEG #1-3 CLAIMS

N.T.S. 93-L-13

Fig. 01



KEG #1-3 CLAIMS

N.T.S. 93-L-13

DISTRICT GEOLOGY

KEg — **Late Cretaceous & Eocene; undivided: quartz diorite, quartz monzonite and granodiorite, in part porphyritic, many small plutons**

NOTE: After G.S.C. Open File #351

Fig. 02

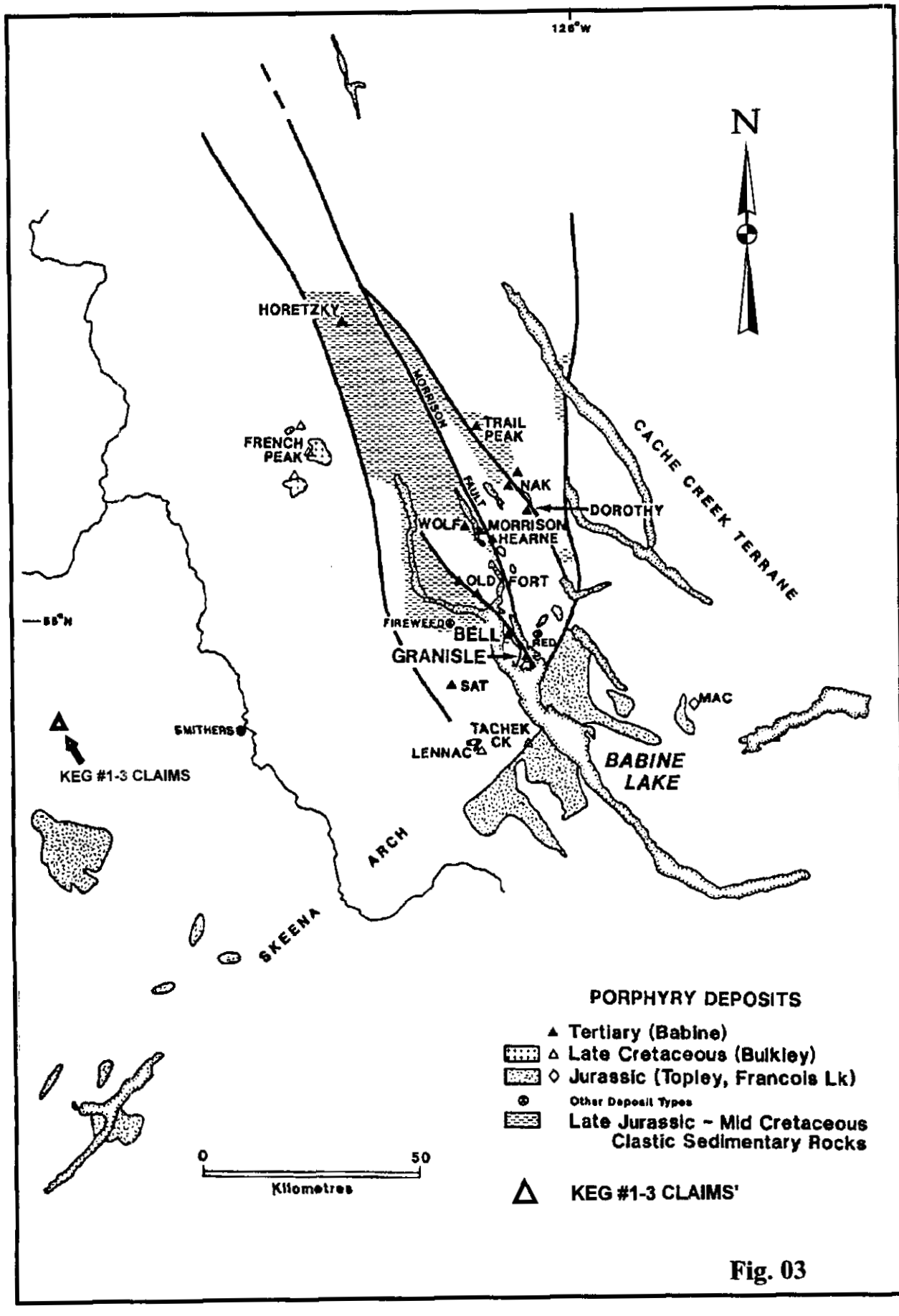
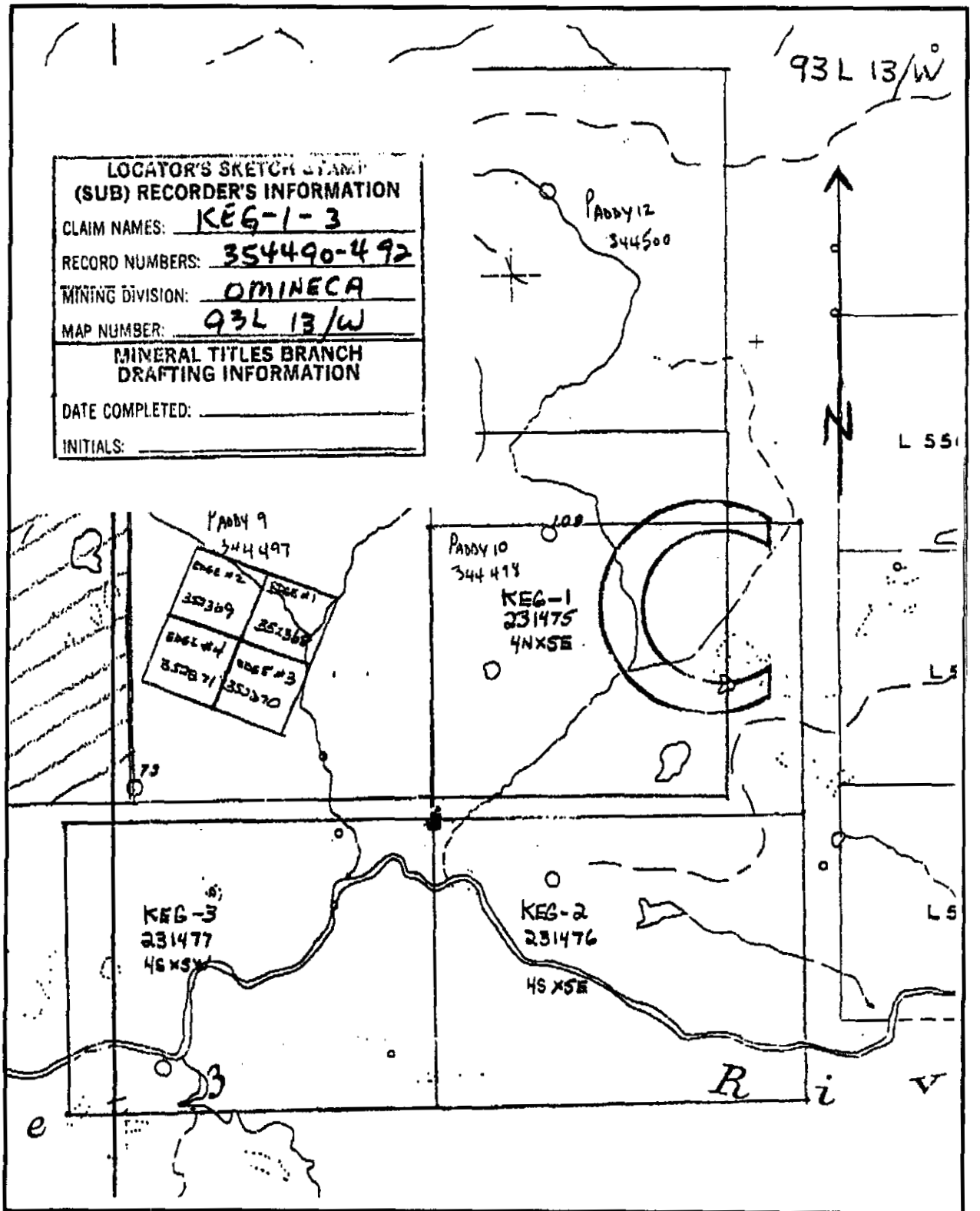

126°W
N
HORETZKY
MORRISON
TRAIL PEAK
FRENCH PEAK
NAK
FAULT
DOROTHY
CACHE CREEK TERRANE
WOLF
MORRISON
HEARNE
OLD FORT
55°N
FIREWEED
BELL
RED
GRANISLE
SAT
MAC
SMITHERS
TACHEK CK
LENNAC
BABINE LAKE
KEG #1-3 CLAIMS
ARCH
SKEENA
PORPHYRY DEPOSITS
▲ Tertiary (Babine)
△ Late Cretaceous (Bulkley)
◇ Jurassic (Topley, Francois Lk)
Other Deposit Types
Late Jurassic - Mid Cretaceous Clastic Sedimentary Rocks
KEG #1-3 CLAIMS'
0
50
Kilometres

Fig. 03



CLAIM MAP - KEG #1-3 CLIAMS

N.T.S. 93-L-13

Fig. 04

CLAIM RECORD DATA

Claim Name	Tenure No.	Record Date
Keg-1	354490	Mar. 23, 1997
Keg-2	354491	Mar. 23, 1997
Keg-3	354492	Mar. 23, 1997
Keg-4	354901	Apr. 09, 1997
Keg-5	354902	Apr. 09, 1997
Keg-6	354903	Apr. 09, 1997
Keg-7	354904	Apr. 09, 1997
Keg-8	354905	Apr. 09, 1997

WORK UNDERTAKEN

Prospecting was undertaken between June 01 to June 16, for a total of 26 man days prospecting and 6 man days equipment preparation, mobilization, camp set-up and egress. Road cuts and logging blocks and some creeks were prospected for porphyry and porphyry related mineralization and alteration in float and outcrop (see fig. 05).

EXPLORATION HISTORY

There are no minfile occurrences within the prospecting area, however, it was deemed prospective as it is transected by the Coal Creek fault, and bounded to the west and east by the Zymo and Louis Lake porphyries, respectively.

SILT & ROCK GEOCHEMISTRY RESULTS

Silt sample multi-element geochemistry is interpreted as background. (see Appendix A).

Anomalous Cu values in Samples KB-97-03 & KR-97-02, 13 are from minor copper occurrences in Jurassic volcanics. Multi-element geochemistry from rock samples collected from zones of weak silicification and pyritization associated with the Coal Creek fault is interpreted as background.

SUMMARY

A float train of sericite-pyrite boulders was identified west of Louis Lake and traced 'up-ice' to the west-south-west to Mulwain Creek. This float train is interpreted to originate from the Zymo porphyry. Zones of weak silicification and pyritization associated with the Coal Creek fault were identified and sampled. No significant assay results were obtained.

RECOMMENDATIONS

No further work is recommended.

ACKNOWLEDGMENT

The B.C. Prospectors Assistance Program in part provided funding for the prospecting program on the Keg #1-8 claims and surrounding area.

REFERENCES

1. Topographic map NTS 93-L-13
2. GSC Open File Map #351
3. New Mineral Deposits of the Cordillera-1996 Cordilleran Roundup Shortcourse
4. B.C.D.M. Geology Map 69-1

STATEMENT OF QUALIFICATIONS

I, Robin C. Day, graduated from the University of Alberta in 1976 with a B.Sc. (Concentration in Geology), have been active as a prospector and geologist in Western and Northern Canada since 1972, and am a Fellow of the Geological Association of Canada.

APPENDIX A
ASSAY DATA

COMP: MR. ROBIN DAY
PROJ:
ATTN: ROBIN DAY

MIN-EN LABS — ICP REPORT

8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8
TEL:(604)327-3436 FAX:(604)327-3423

FILE NO: 7S-0102-RJ1
DATE: 97/06/23
* * (ACT:ICP 31)

SAMPLE NUMBER	AG PPM	AL %	AS PPM	BA PPM	BE PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	GA PPM	K %	LI PPM	MG %	MN PPM	MO PPM	NA %	NI PPM	P PPM	PB PPM	SB PPM	SN PPM	SR PPM	TH PPM	TI %	U PPM	V PPM	W PPM	ZN PPM	Au-fire PPB
KB-97-1	8.4	.29	595	220	.1	1	.05	2.0	3	46	105	2.91	2	.09	1	.01	182	221	.01	1	140	350	43	1	10	11	.01	3	5.8	1	47	2
KB-97-2	20.2	.32	423	373	.1	1	.01	2.0	3	62	427	2.96	2	.10	2	.01	66	19	.01	1	170	70	72	1	18	11	.01	3	6.4	1	102	4
KB-97-3	5.9	.21	440	317	.2	1	.36	2.4	4	80	5037	1.97	1	.11	1	.20	1115	1	.04	2	680	78	243	1	8	6	.01	2	6.8	1	189	3
KB-97-5	.2	.25	60	221	.1	1	.03	.2	1	86	41	2.21	2	.12	1	.01	241	9	.02	2	150	11	4	1	7	8	.01	2	7.4	1	32	3
KB-97-6	.5	.29	19	648	.1	1	.01	.1	1	97	33	2.00	2	.09	2	.01	77	47	.01	1	140	22	9	1	11	8	.01	2	5.7	1	21	4
KB-97-7	9.3	.24	304	466	.5	2	.39	18.3	10	61	185	4.42	1	.09	1	.07	4406	366	.01	7	150	294	62	1	10	15	.01	5	30.8	6	747	2
KB-97-8	.1	.90	33	110	.3	1	.25	.1	9	22	23	4.51	5	.13	2	.20	133	14	.05	6	1490	15	3	1	60	22	.02	6	27.7	1	18	2
KR-97-01	1.3	.24	87	135	.1	1	.02	.2	6	54	8	4.34	3	.13	1	.02	383	1	.04	2	660	16	4	1	13	16	.01	5	18.0	1	102	3
KR-97-02	7.2	.23	1408	711	.1	1	13.60	3.6	48	62	8532	5.87	1	.02	1	5.20	4413	55	.02	50	510	53	1510	1	162	14	.01	8	130.4	4	854	17
KR-97-03	.1	.40	18	427	.1	1	.04	.6	6	17	66	1.25	1	.01	2	.02	20	8	.01	6	60	8	5	1	73	4	.01	1	6.4	1	309	3
KR-97-04	.2	.24	190	254	.1	1	.06	.3	1	70	60	1.69	1	.13	1	.02	52	25	.01	1	150	13	12	1	10	5	.01	2	4.1	1	23	3
KR-97-05	1.7	.29	43	197	.1	1	.01	.3	1	68	62	2.72	2	.10	1	.01	110	11	.01	1	110	23	11	1	6	10	.01	3	7.4	1	45	2
KR-97-06	1.1	.29	46	657	.1	1	.01	.1	1	103	64	2.22	2	.12	2	.01	115	45	.01	1	110	16	37	1	8	8	.01	3	5.1	1	28	2
KR-97-07	.1	.58	1371	147	.3	1	.41	1.4	7	26	26	4.38	4	.06	2	.08	244	4	.04	9	1600	13	1	1	81	20	.01	5	42.7	1	56	4
KR-97-08	.4	.49	69	352	.1	4	.29	.2	6	21	37	2.79	3	.10	2	.01	52	3	.01	1	1590	47	2	1	37	15	.01	3	5.7	1	25	16
KR-97-09	.5	.79	52	254	.6	1	3.50	3.0	11	14	44	4.67	2	.07	7	1.37	1918	1	.04	9	2420	129	1	1	88	18	.01	6	100.6	5	844	7
KR-97-10	.1	.81	20	100	.6	1	2.38	1.6	8	19	7	4.02	3	.07	5	.61	1042	1	.04	5	1500	111	4	1	96	16	.01	5	41.0	1	228	6
KR-97-11	.9	.21	1745	36	.1	4	.07	2.3	32	61	1	13.46	12	.04	1	.02	37	1	.01	114	260	39	7	1	8	56	.01	19	15.3	1	39	24
KR-97-12	.1	.29	14	81	.1	3	.05	.1	10	33	15	6.48	5	.11	1	.02	26	1	.02	13	140	14	3	1	25	23	.01	8	9.3	1	10	32
KR-97-13	3.0	1.82	29	5	.1	1	7.36	.5	1	31	9940	.74	4	.01	1	.03	88	1	.01	1	280	9	2	1	6	2	.03	1	52.6	1	1	4

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K5-97 01	.4	1.02	15	461	.1	1	.52	.4	11	19	22	3.93	1	.06	7	.37	3568	1	.02	14	990	18	3	1	57	11	.04	4	67.9	1	162	5
K5-97 02	.1	1.09	21	349	.1	1	.65	.3	13	22	15	4.51	2	.07	8	.53	1699	1	.03	16	870	20	4	1	61	13	.05	5	79.1	1	137	5
K5-97 03	.1	1.26	25	399	.1	1	1.19	.1	15	37	13	5.33	4	.08	15	1.04	1290	1	.03	19	700	19	6	1	146	15	.07	6	95.0	1	104	5
K5-97 04	.1	1.56	26	370	.1	1	.81	.2	16	41	17	5.25	4	.08	20	1.12	1254	1	.03	24	790	16	4	1	122	13	.09	6	98.1	1	118	5

APPENDIX B

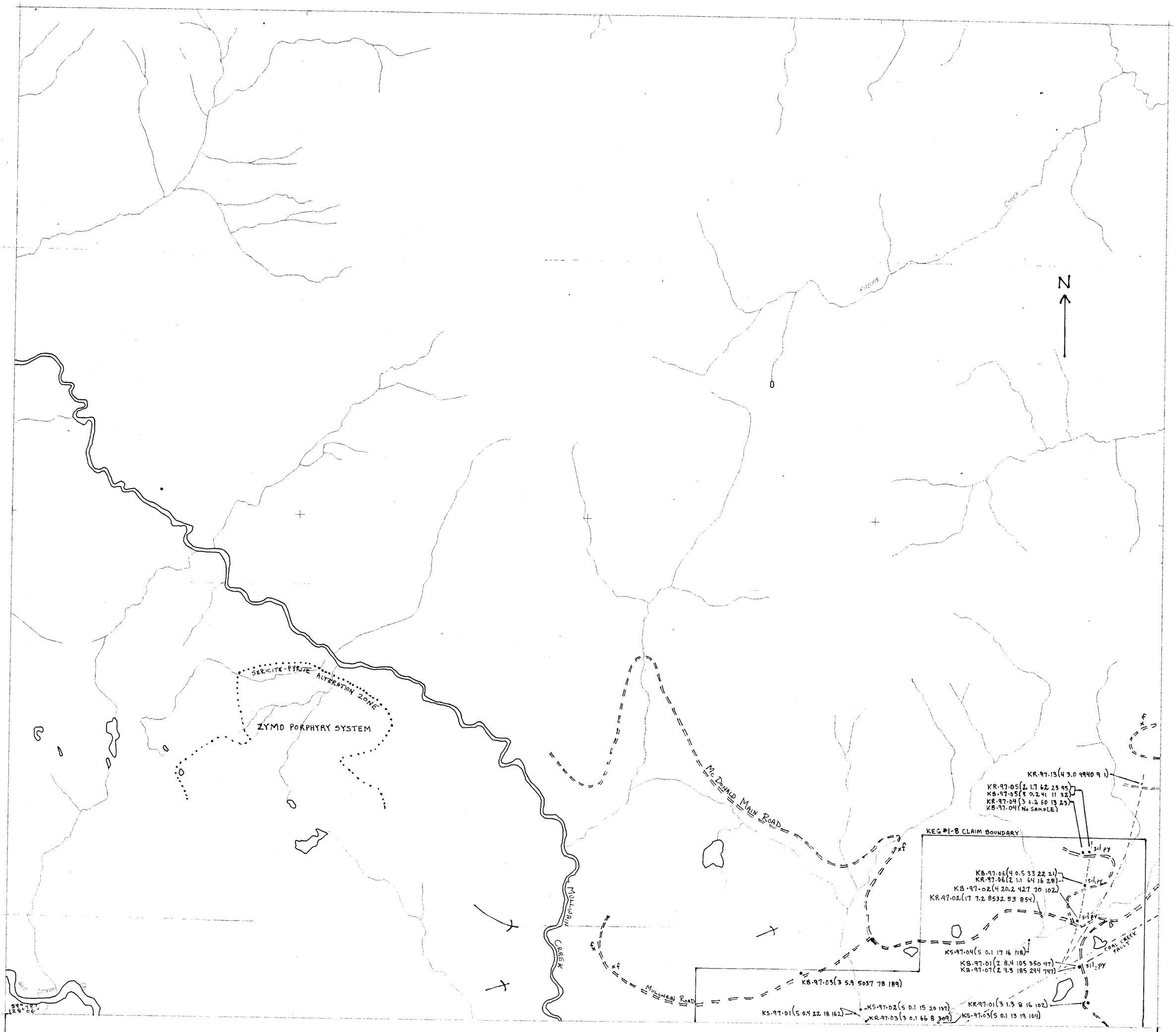
OUTCROP ROCK SAMPLES

KB-97-01	5m x 1m outcrop, silicified volcanic?, ~.5% dissem and stringer py, weak mn-sil, strike 055 dip 065 SE , in fault zone about 25 meters wide
KB-97-02	sil volc, .5% dissem & stringer py, tr sph.
KB-97-03	felsic porphyry?, dissem cpy, py, azurite, malachite, Mn.
KB-97-04	lahar?, .25% dissem fine grey black hematite?/sulfide?
KB-97-05	sil, ryholite, tuff, lahar?, weak pink Mn, .5% dissem & stringer py
KB-97-06	siliceous zone, .5% dissem & stringer py
KB-97-07	chip sample by KB-97-01
KB-97-08	5m wide zone in road cut, grey qtz with dissem and stringer py, strike 104 dip 78 SW 'pyritic felsic dyke'?

FLOAT ROCK SAMPLES

KR-97-01	felsite, .5% dissem py, angular, up to 1m in size
KR-97-03	cobble, sil, breccia, .5% dissem & stringer py
KR-97-04	.5-1% dissem & stringer py
KR-97-05	.5-1% dissem & stringer py in sil tuff, angular, subcrop
KR-97-06	.5% py, silicified rubble by outcrop
KR-97-07	qtz-py-ser alt intrusive, 3% dissem & stringer py, boulder
KR-97-08	float, cobble, qtz-ser-py alt, dissem py.
KR-97-09	Phyllic alt, dissem & stringer py, tr sph, weak carb alt
KR-97-10	qtz-ser-py-carb alt QFP, tr. Sph
KR-97-11	qtz-carb-ser-py alt, 5% py
KR-97-12	Qtz-carb-ser-py alt breccia
KR-97-13	qtz-carb breccia in volc.,.4m wide, mal, dissem bornite

93L.081



KEG #1-8 CLAIMS

NTS 93-L-13

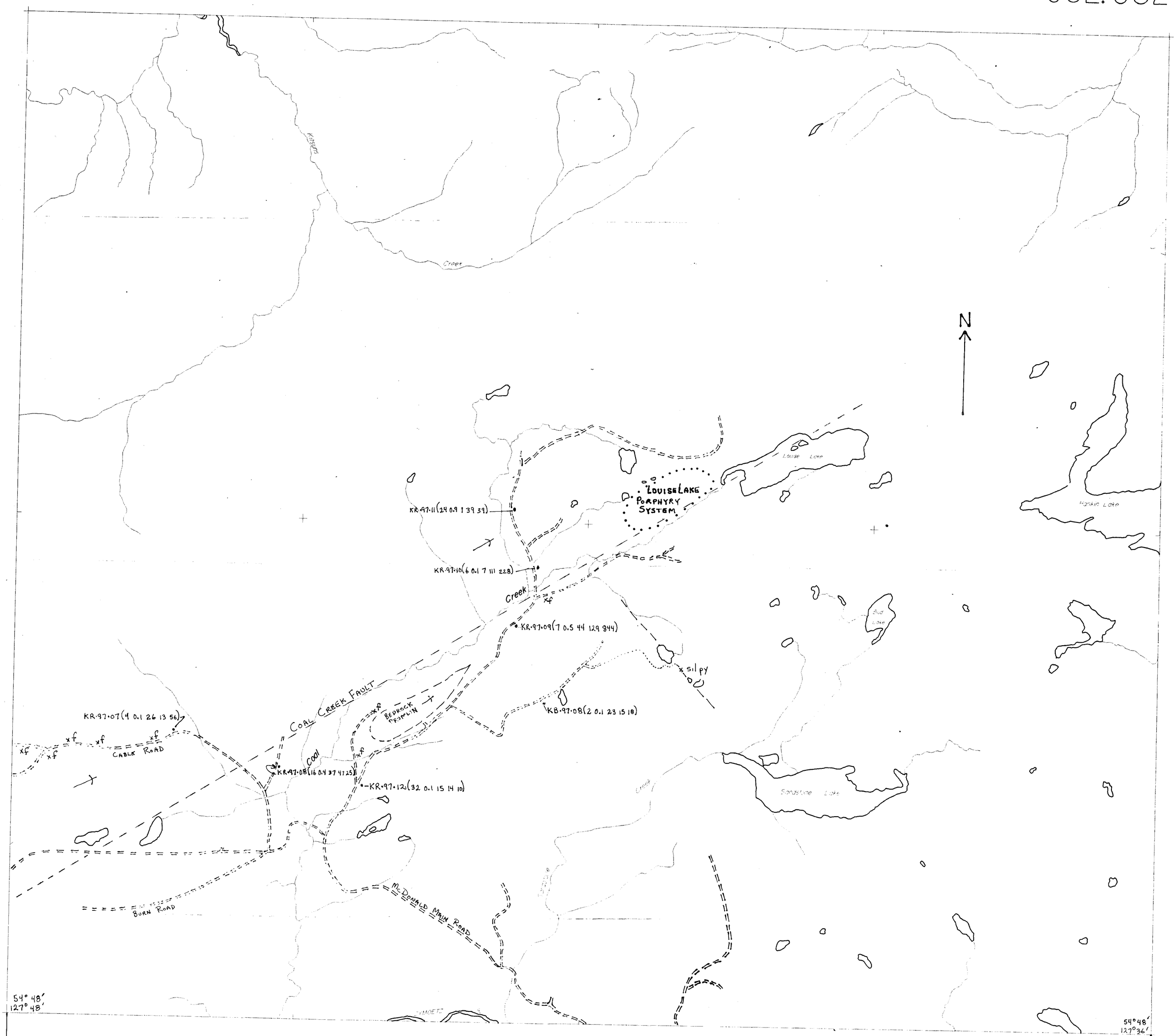
SAMPLE LOCATION & GEOCHEMISTRY

ICE DIRECTION

KB-97-01 BEDROCK
KR-97-01 ROCK (NOT IN PLACE)
KS-97-01 SILT
•KB-97-03 (Au ppb/Ag ppm/Cu ppm/Pb ppm/Zn ppm)
ROAD / TRAVERSE
FAULT
sil, py Silica, PYRITE
xf FLOAT (SERICITE, PYRITE ALTERED)

fig. 5 97-25 ①

93L.082



KEG #1-8 CLAIM AREA
NTS 93-L-13
SAMPLE LOCATION & GEOCHEMISTRY

KB-97-08	BEDROCK
KR-97-11	ROCK (NOT IN PLACE)
KS-97-01	SILT
• KR-97-09	(Au ppb/Ag ppm/Cu ppm/Pb ppm/Zn ppm)
====	ROAD/TRAIL/TRAVERSE
— — —	FAULT
sil py	Silica Pyrite
xf	FLOAT (SERICITE-PYRITE ALTERED)
→	ICE DIRECTION

0 500 1000 2500 METERS

SCALE 1:20,000

97-25 (2) fig 5a