

BRITISH COLUMBIA
PROSPECTORS ASSISTANCE PROGRAM
MINISTRY OF ENERGY AND MINES
GEOLOGICAL SURVEY BRANCH

PROGRAM YEAR: 1997/98

REPORT #: PAP 97-20

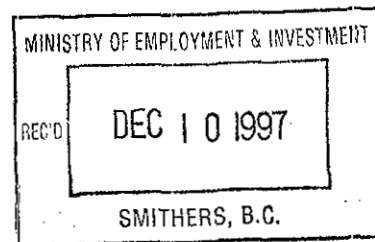
NAME: LAWRENCE HEWITT

RECONNAISSANCE PROSPECTING REPORT

FOR

B. C. Prospectors Assistance Program

Reference No. 97/98 P52



By

Lawrence Hewitt

Nov. 20, 1997

Geological Survey Branch
MEI

NOV 26 1997

P-52

*Rec'd Nov 26/97
JP*

Introduction

This report contains the following:

Part A. Summary of Prospecting Activity, and Part B. Technical Report, with supporting data for each prospecting area;

1. Area "A" 1 map and sample description
2. Area "B" (note: Assessment Report for TIP Claim included)
3. No Gold Creek 2 maps and sample description
4. Clore River / Kitnayakwa 6 maps and sample description and notes.

Also included is a copy of the assay results.

AIM OF THE PROGRAM

Initially two areas were chosen for their potential as cu/au porphyry targets. Area "A" proved to be abruptly discouraging. Area "B", as envisioned, was likewise an experience in discovering a concept going awry. In this particular case, investigating a mag low adjacent to a mag high in a permissive context, the idea being that as the mag low could be the result of mag destructive alteration, especially below tree line and thus likely not ever been looked at, proved to be fruitless. Fortuitously, due to mag storms radio transmission was nil and we were thus "stuck" there. Consequently we decided to educate ourselves on the area above timberline, which we were sure had been "hit" several times previously, and give it its due. To our surprise the results were quite intriguing. None the less, having carried out a reconnaissance program as warranted it was obvious that we would be waisting time filling in time on continued prospecting. Consequently the program was modified to follow up on the experience gained on the Zymo project.

As explained in the application for additional targets, the approach was structured by the context at the Zymo, namely "KEG" intruding into the Skeena Group. Liniaments associated with the Skeena Arch were identified. The aim was to check out as manhy "KEG" occurances, and their environs, as feasible.

**BRITISH COLUMBIA
PROSPECTORS ASSISTANCE PROGRAM
PROSPECTING REPORT FORM (continued)**

B. TECHNICAL REPORT

- One technical report to be completed for each project area.
- Refer to Program Requirements/Regulations, section 15, 16 and 17.
- If work was performed on claims a copy of the applicable assessment report may be submitted in lieu of the supporting data (see section 16) required with this TECHNICAL REPORT.

Name LAWRENCE HEWITT Reference Number 97/98 P52

LOCATION/COMMODITIES

Project Area (as listed in Part A) AREA 'A' MINFILE No. if applicable _____
Location of Project Area NTS 93M/8 Lat 55° 30' Long 126° 24'
Description of Location and Access N OF TRAIL PEAK, ACCESS VIA FSR 400 ROAD
+ JUNCTION WITH BOUCHER CREEK. HELICOPTER N TO SITE.

Main Commodities Searched For CO/AU

Known Mineral Occurrences in Project Area NA

<p>WORK PERFORMED</p> <p>1. Conventional Prospecting (area) <u>2 km x 2 km.</u></p> <p>2. Geological Mapping (hectares/scale) _____</p> <p>3. Geochemical (type and no. of samples) <u>Rock - 1 Silt - 2</u></p> <p>4. Geophysical (type and line km) _____</p> <p>5. Physical Work (type and amount) _____</p> <p>6. Drilling (no., holes, size, depth in m, total m) _____</p> <p>7. Other (specify) _____</p>

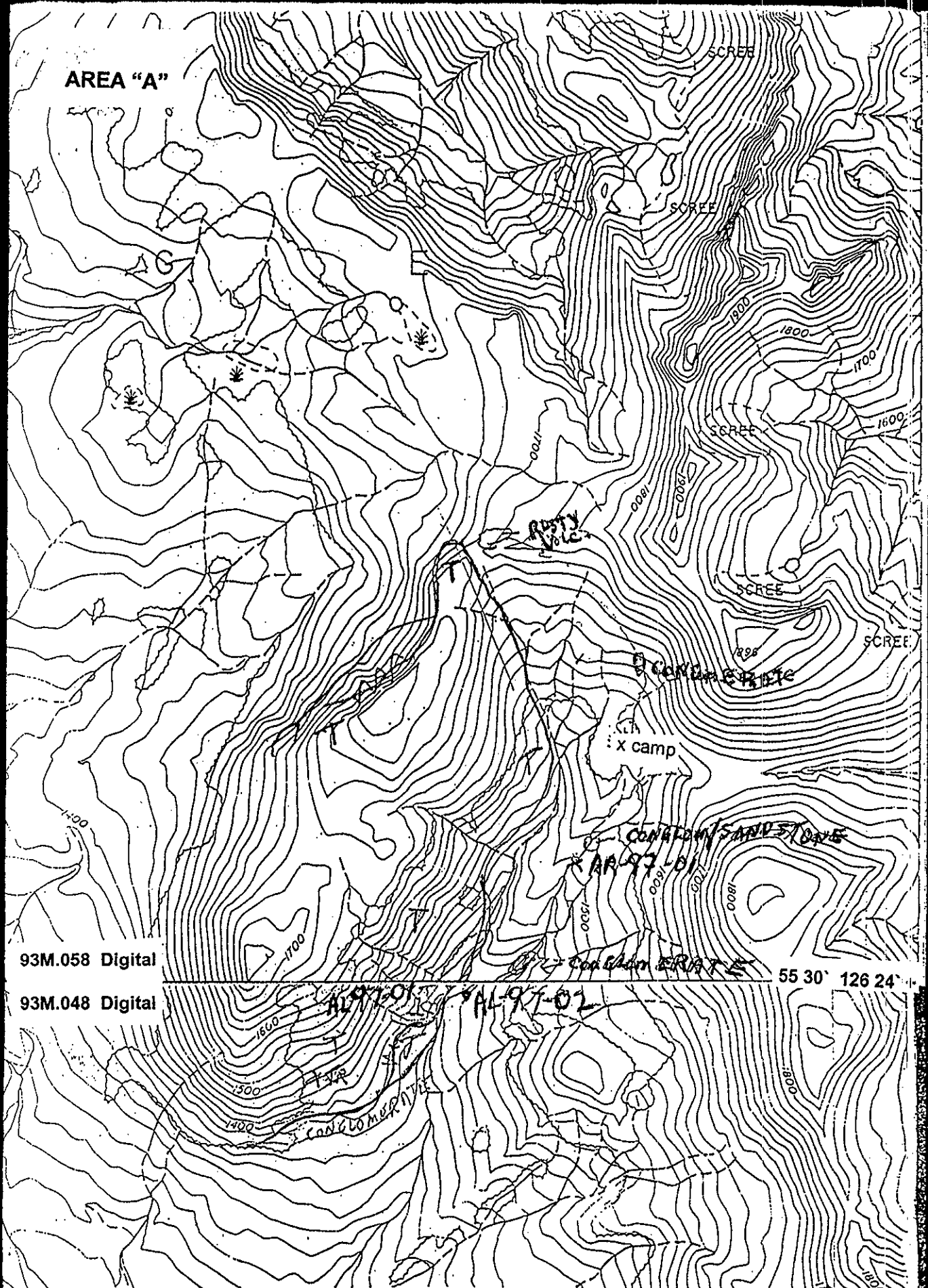
SIGNIFICANT RESULTS
Commodities NA Claim Name _____

Location (show on map) Lat _____ Long _____ Elevation _____

Best assay/sample type _____

Description of mineralization, host rocks, anomalies _____

AREA "A"



93M.058 Digital

93M.048 Digital

55 30' 126 24'

SCALE 1:20 000

200 0 200 400 600 800 1000 1200 1400

METRES

AREA "A"

SAMPLE DESCRIPTION

AR-97-01 Subcrop-finegrained dyke in East Creek, magnetic, carb alt, disseminated pyrite.

Unit T Megacryst-K-spar 'Topley' Granite with abundant magnetite - the cause of the airborne mag anomaly.

Note: Minor tourmaline xls near south contact with conglomerates.

DISCUSSION

The paucity of interesting alteration in general and specifically the weakness of the tourmalization associated with the conglomerates evidenced "dry" rock. Subsequent prospecting of the mag anomaly bore this observation out. The proposed prospecting program in this area was terminated.

**BRITISH COLUMBIA
PROSPECTORS ASSISTANCE PROGRAM
PROSPECTING REPORT FORM (continued)**

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Name LAWRENCE HEWITT Reference Number 97/98 P52

LOCATION/COMMODITIES

Project Area (as listed in Part A) No GOLD CREEK MINFILE No. if applicable _____

Location of Project Area NTS 93 K/5 Lat _____ Long _____

Description of Location and Access ACCESS VIA TREASURE MT. / BORNITE MT. FSR.
NO GOLD CREEK FSR FOLLOWS WEST BANK OF COPPER RIVER.

Main Commodities Searched For CU/AU

Known Mineral Occurrences in Project Area _____

<p>WORK PERFORMED</p> <p>1. Conventional Prospecting (area) _____</p> <p>2. Geological Mapping (hectares/scale) _____</p> <p>3. Geochemical (type and no. of samples) _____</p> <p>4. Geophysical (type and line km) _____</p> <p>5. Physical Work (type and amount) _____</p> <p>6. Drilling (no., holes, size, depth in m, total m) _____</p> <p>7. Other (specify) _____</p>

SIGNIFICANT RESULTS
Commodities NA Claim Name _____

Location (show on map) Lat _____ Long _____ Elevation _____

Best assay/sample type _____

Description of mineralization, host rocks, anomalies _____

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Information on this form is confidential for one year from the date of receipt subject to the provisions of the *Freedom of Information Act*.

NO GOLD / TREASURE CREEK AREA

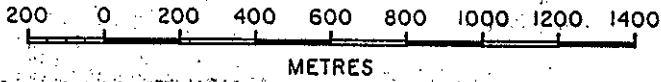
SAMPLE DESCRIPTION

- HR-97-01 Float, green, carb alt volc, calcite, epidote, minor mal, tr cpy, br?
On s. Side of Treasure Creek on logging rd.
- HB-97-01 Bedrock on block road s of Treasure Creek. Carb alt volc with
epidote, calcite, dissem br, mal.
- HB-97-02 Carb alt volc with +/- 5% dissem py (by carb alt dyke).
- HB-97-03 Carb alt, felsic dyke with ~3% dissem py, by corner of No Gold
heading north along the Zymotes River.

Discussion

Further prospecting in this area, within and in the vicinity of mapped KEG'S resulted in the finding of no samples that warranted assaying nor any environments suggesting that silts were justified.

SCALE 1:20 000



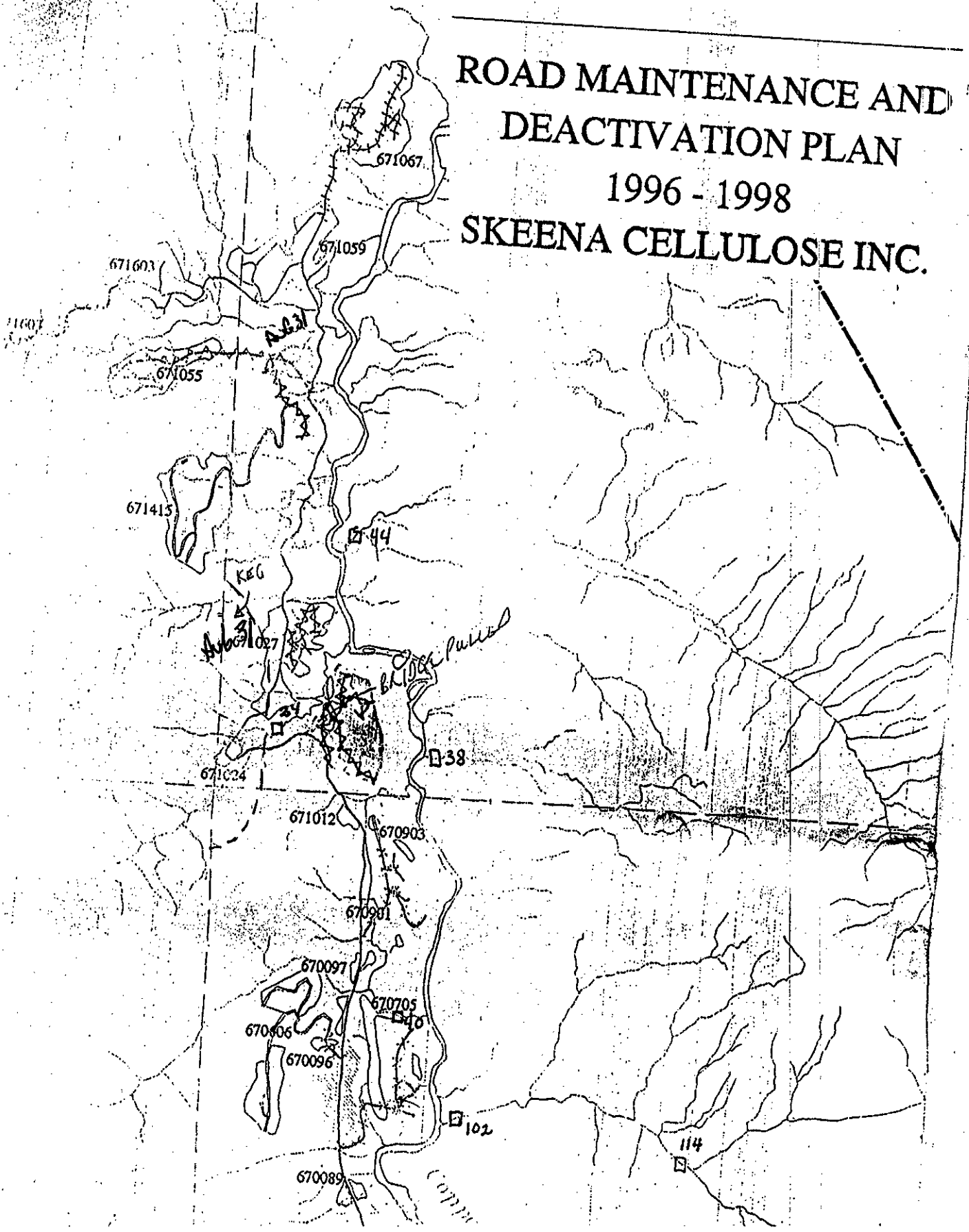
Tree Farm Licence 1

NOGOLD

ROAD MAINTENANCE AND
DEACTIVATION PLAN

1996 - 1998

SKEENA CELLULOSE INC.



**BRITISH COLUMBIA
PROSPECTORS ASSISTANCE PROGRAM
PROSPECTING REPORT FORM (continued)**

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Name LAWRENCE HEWITT Reference Number 97/98 P52

LOCATION/COMMODITIES

Project Area (as listed in Part A) CHORE RIVER / KITNAHUKUM MINFILE No. if applicable _____

Location of Project Area NTS 93L 4 + 5 Lat _____ Long _____

Description of Location and Access FOLLOW COPPER MAIN FROM JUNCTION WITH HWY 16 WEST SIDE OF COPPER RIVER.

Main Commodities Searched For CO/AU

Known Mineral Occurrences in Project Area _____

WORK PERFORMED

1. Conventional Prospecting (area) CHORE RIVER, KITNAHUKUM RIVER, KIMONOTE creek
2. Geological Mapping (hectares/scale) _____
3. Geochemical (type and no. of samples) _____
4. Geophysical (type and line km) _____
5. Physical Work (type and amount) _____
6. Drilling (no., holes, size, depth in m, total m) _____
7. Other (specify) _____

SIGNIFICANT RESULTS

Commodities NA Claim Name _____

Location (show on map) Lat _____ Long _____ Elevation _____

Best assay/sample type _____

Description of mineralization, host rocks, anomalies _____

Supporting data must be submitted with this TECHNICAL REPORT

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CLORE RIVER / KITNYAKWA AREA

SAMPLE DESCRIPTION AND OBSERVATIONS

Note: minor MoS₂, disseminated py in leucocratic porphyry dyke at 30.3 Km on Clore Main.

Note: strong propylitic alt zone in volcanics (epidote) from end of Clore Main at 35.5 Km to ~23 Km. Related to Coast Range Batholith.

Note: colour anomaly on South fork of Thomas Creek ~3Km South of 5.1 Km on Thomas Creek Road. Estimated size of colour anomaly 500m x 500m. Not visited, viewed from road only, anomaly adjacent to ice fields.
- No altered volcanics or dykes, etc. Observed on Thomas Road or blocks.

Note: lower Clore River Road, area appears to be underlain by 'red tuff' member and other volcanic units of the Hazelton Group.

Note: lower Kitnyakwa Road, float train of phyllic alt boulders discovered at 2.2Km and can be followed to 11 Km.

HB-97-04 py 'halo' in volcanics in road cut below 'KEG' pluton mapped on South side of Ice-Flow Creek. Py - chlorite altered volcanics with 1 - 5% py disseminated & stockwork, ~100M shows. 16Km

Note: pyritized volcanics adjacent to felsic (f.p.?) py-ser-qtz dyke swarm - dykes appear likely source of float train.

HB-97-05 (phyllic) ser-py alt (f.p.?) dyke cutting volcanics in py 'halo' at 16.1 Km on Kitnyakwa Road.

Note: dyke at 16.7 Km, ser-py altered.

Note: sediments & volcanics to end of road at 21.3 Km on Kitnyakwa Road just before Tun Creek.

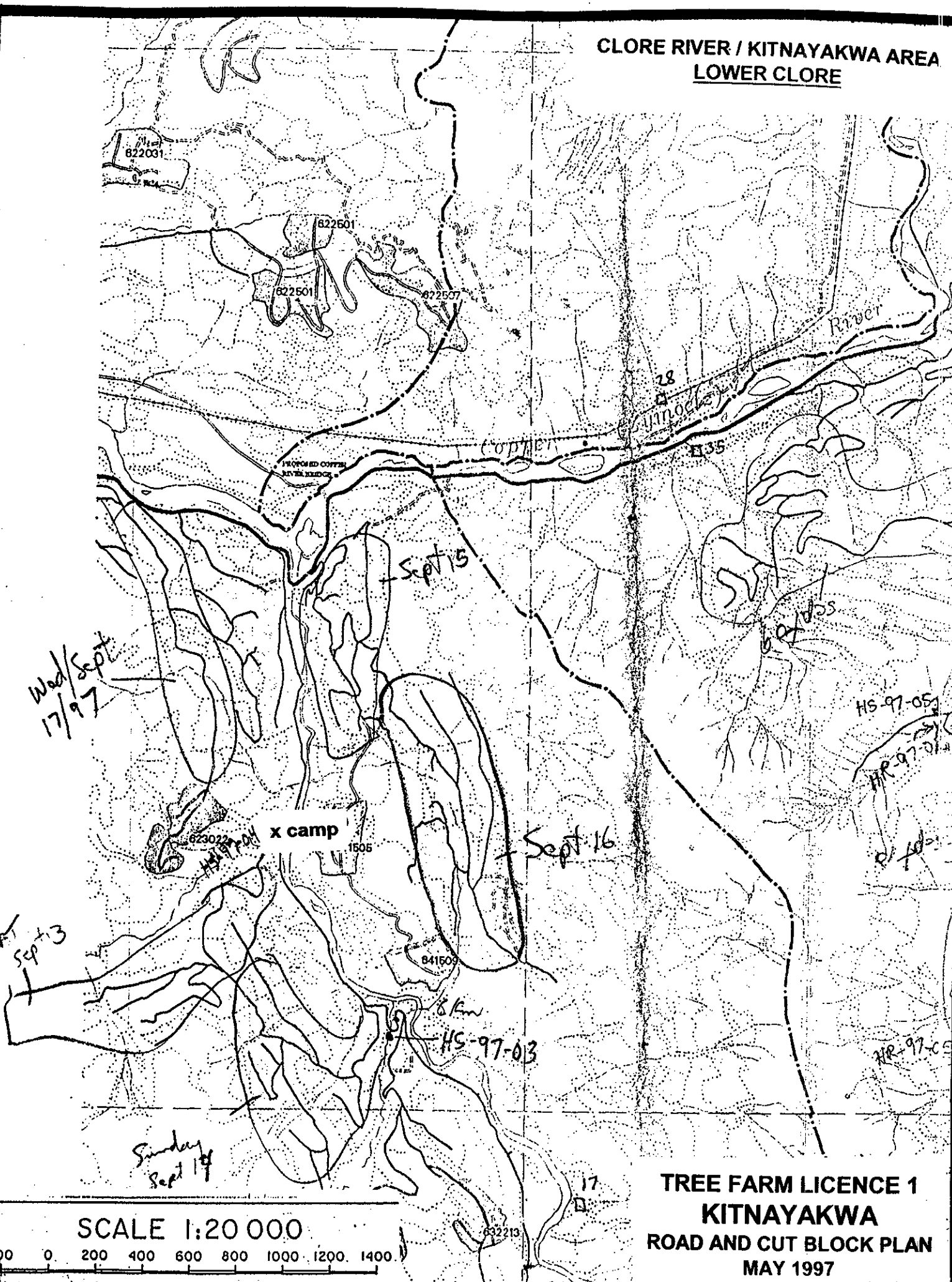
HB-97-06 Limonite Road, .7 Km. Ser-py schist, ~30M exposed. End of road at 3.3Km, diorite intrusive under road on Block A50863.

Note: Upper Copper Main to Blocks 51585 (see map) all till covered! No samples.

Note: Lower Steward Creek - all sub-aerial Volcanics to creek pst fork.

- HR-97-02 float, cobble, weathers rusty, tough, slate green fresh, minor disseminated galena, sstrong ser alt, weak carb alt.
- HR-97-03 South on Steward Creek above East fork. Cobble in Steward Creek by silt HS-97-06. Weak carb, ser alt, (f.p.), 2-3% dissem py, trace dissem grey sulfide.
- HR-97-04 cobble in creek (f.p.), qtz-carb alt with disseminated py + minor grey sulfide.
- HR-97-05 red volcanics with chalcocite (grey copper) vienlet 1 cm wide malachite stain at end of lower logging block access road.
- Note : cut block roads above HS-97-04 red 'IJR' volcanics & till, no samples.
- Note: cut block roads above camp, red to black 'IJR' volcanics, no mineralized outcrop or float.
- Note: lower half of blocks and roads on East side of Clore River, red 'IJR' volcanics, no mineralization observed. Same for upper half.
- Note: roads on West side of Clore River, 'IJR' volcanics, no mineralization observed in outcrop or float.

CLORE RIVER / KITNAYAKWA AREA
LOWER CLORE



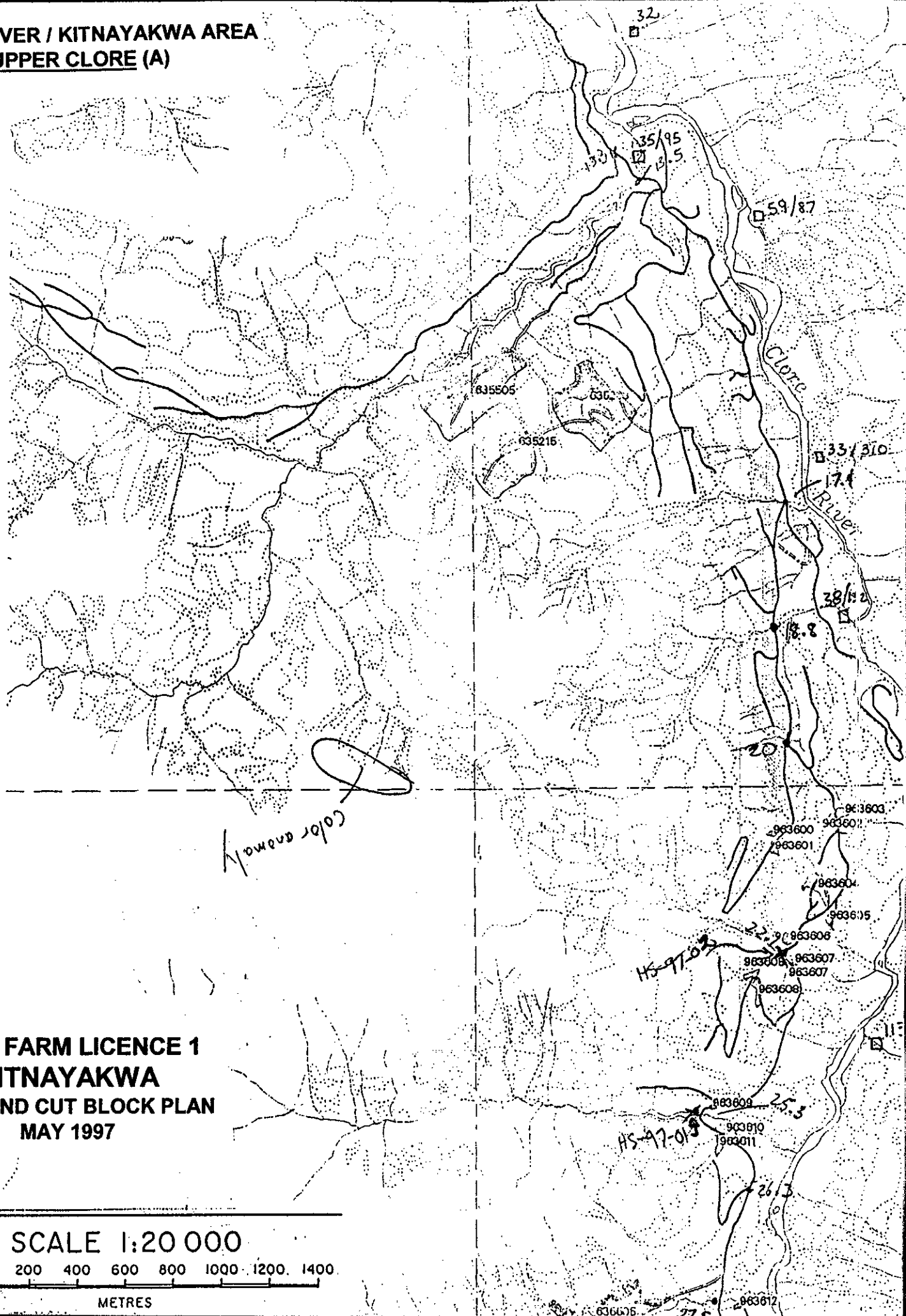
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METRES

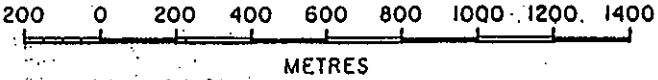
**TREE FARM LICENCE 1
KITNAYAKWA
ROAD AND CUT BLOCK PLAN
MAY 1997**

CLORE RIVER / KITNAYAKWA AREA
UPPER CLORE (A)



TREE FARM LICENCE 1
KITNAYAKWA
ROAD AND CUT BLOCK PLAN
MAY 1997

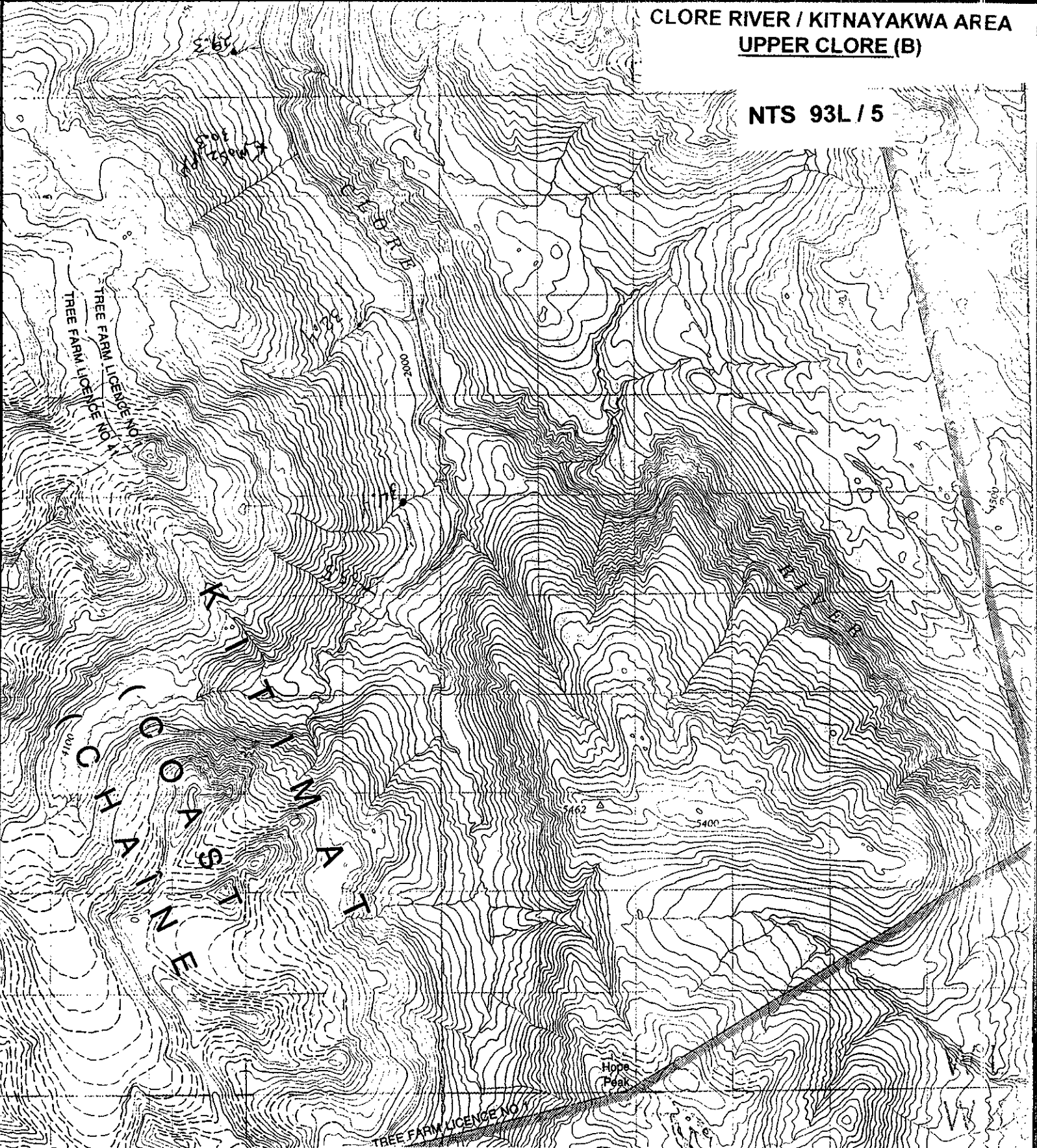
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METRES

CLORE RIVER / KITNAYAKWA AREA
UPPER CLORE (B)

NTS 93L / 5

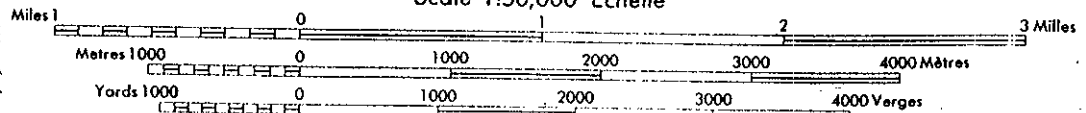


CHANN
KITNAYAKWA

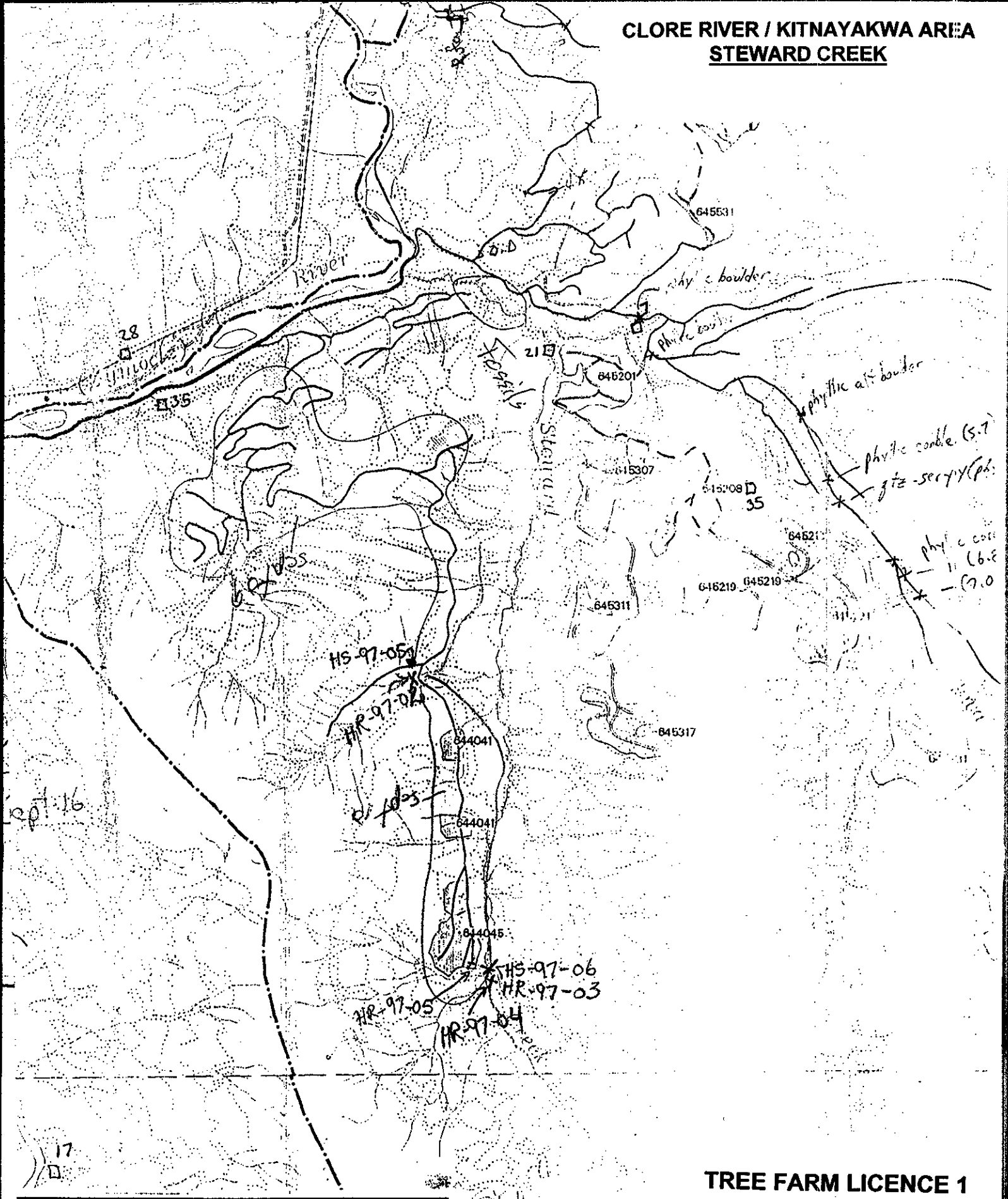
BURNIE LAKE

COAST LAND DISTRICT RANGE 5
BRITISH COLUMBIA

Scale 1:50,000 Échelle



CLORE RIVER / KITNAYAKWA AREA
STEWART CREEK



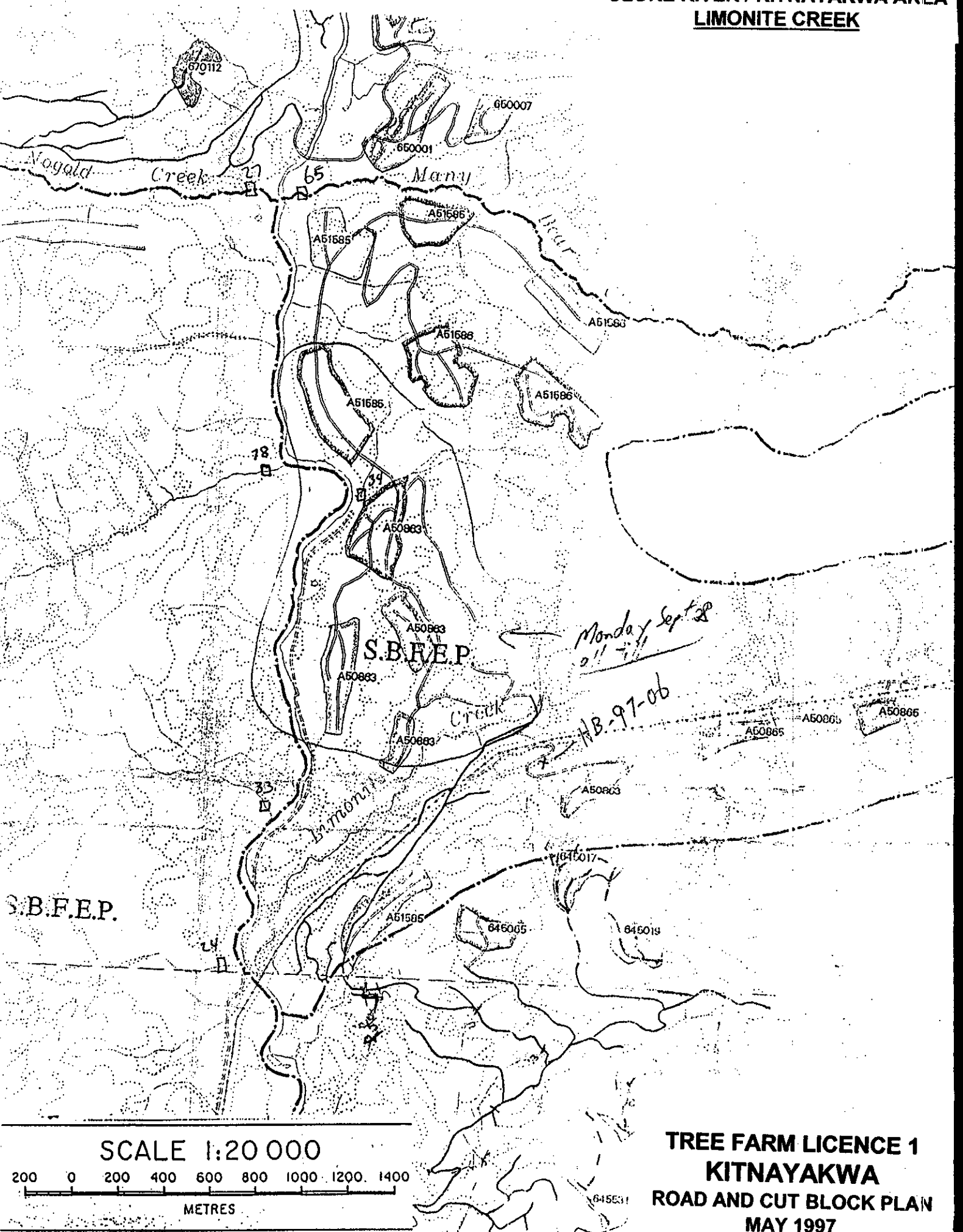
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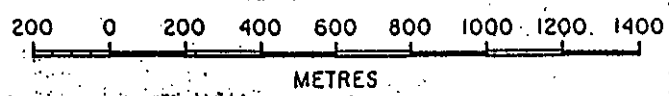
METRES

TREE FARM LICENCE 1
KITNAYAKWA
ROAD AND CUT BLOCK PLAN
MAY 1997

CLORE RIVER / KITNAYAKWA AREA
LIMONITE CREEK

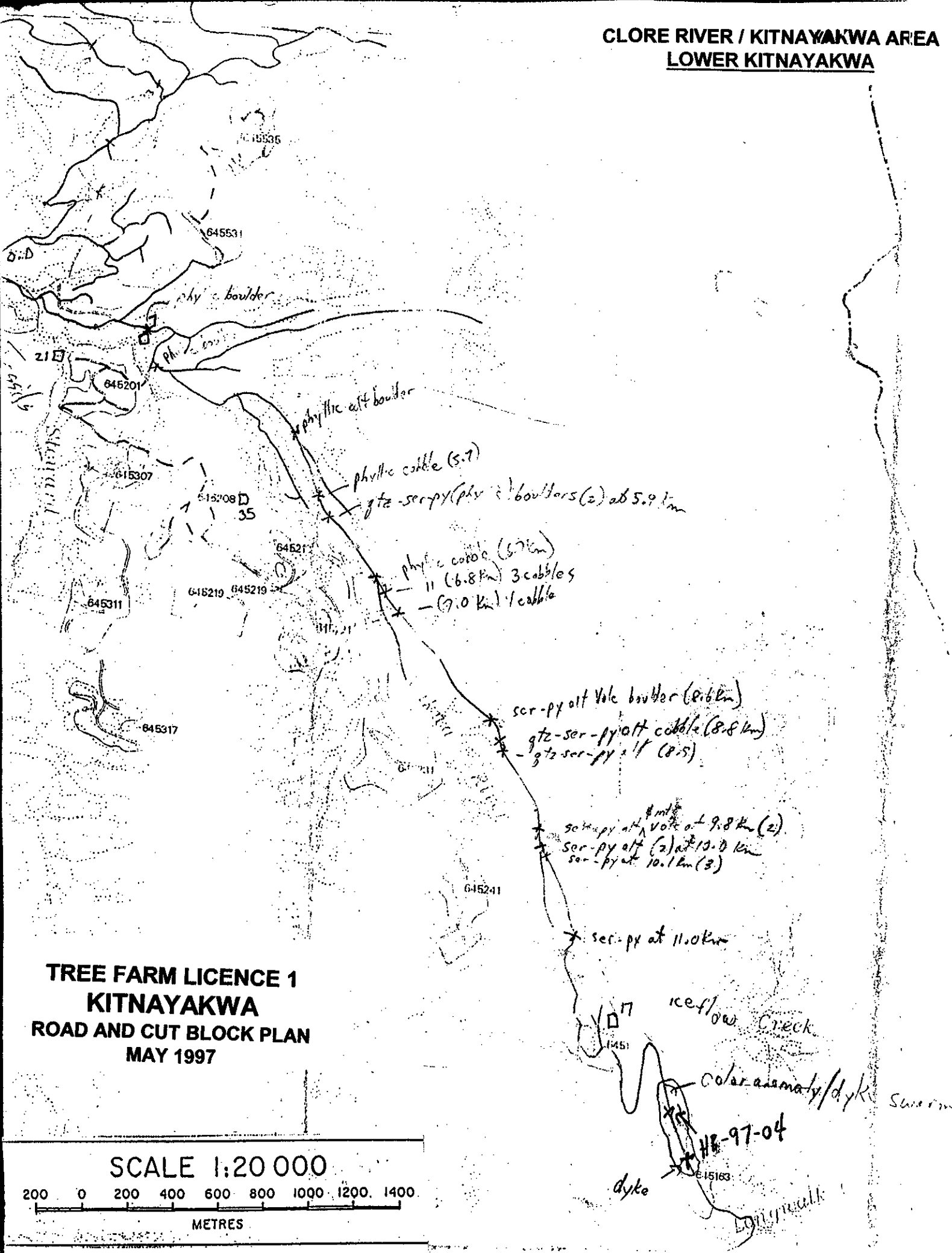


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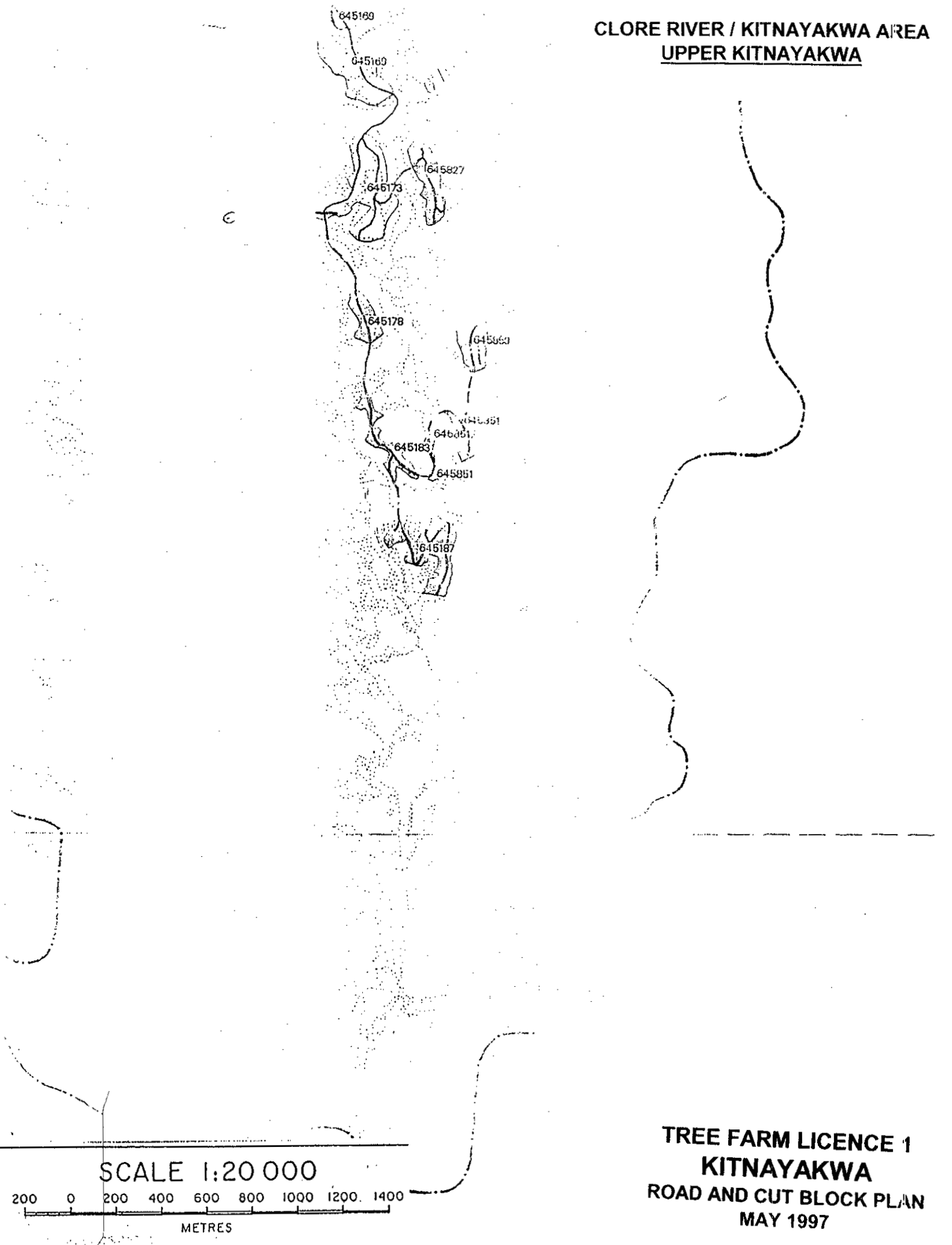


**TREE FARM LICENCE 1
KITNAYAKWA
ROAD AND CUT BLOCK PLAN
MAY 1997**

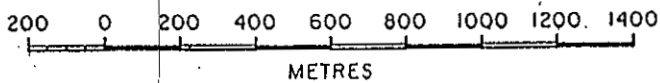
**CLORE RIVER / KITNAYAKWA AREA
LOWER KITNAYAKWA**



**CLORE RIVER / KITNAYAKWA AREA
UPPER KITNAYAKWA**



SCALE 1:20 000



**TREE FARM LICENCE 1
KITNAYAKWA
ROAD AND CUT BLOCK PLAN
MAY 1997**

ASSAY RESULTS



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SMITHERS, B.C., CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Quality Assaying for over 25 Years

Assay Certificate

7S-0309-RA1

Company: **HEWITT CO. & ASSOC**
Project:
Attn: Larry Hewitt

Date: OCT-14-97

We hereby certify the following Assay of 11 ROCK samples
submitted OCT-03-97 by LARRY HEWITT.

Sample Number	Au-fire g/tonne
HR-97-01	.03
HR-97-02	.01
HR-97-03	.02
HR-97-04	.01
HR-97-05	.62
HB-97-01	.03
HB-97-02	.01
HB-97-03	.01
HB-97-04	.03
HB-97-05	.02
HB-97-06	.01

Certified by _____

MIN-EN LABORATORIES

COMP: HEWITT CO. & ASSOC

PROJ:

ATTN: Larry Hewitt

MIN-EN LABS — ICP REPORT

8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8

TEL:(604)327-3436 FAX:(604)327-3423

FILE NO: 7S-0309-RJ1

DATE: 97/10/14

* * (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
HR-97-01	188.4	1.77	114	29	.1	2	5.48	51.8	12	58	3754	3.49	1	.06	27	1.93	2667	1	.02	24	560	100	1256	1	191	20	.01	10	46.2	12	776
HR-97-02	.3	.44	4	87	.4	1	4.58	1.0	23	40	54	5.45	1	.30	1	2.45	1141	1	.01	25	1440	13	9	1	266	31	.01	17	43.6	3	124
HR-97-03	.8	.36	88	105	.3	1	1.83	.1	10	31	331	2.25	2	.10	6	.25	168	5	.03	3	260	13	7	1	25	10	.01	6	13.2	1	80
HR-97-04	.3	.33	7	25	.1	1	9.72	.9	18	19	25	4.72	1	.02	3	3.88	1827	1	.01	15	630	69	6	1	89	30	.01	15	85.4	2	218
HR-97-05	>200.0	1.56	19	249	.1	32	.46	2.1	27	39	>10000	2.74	4	.06	42	2.32	2005	1	.01	55	8680	167	1	1	25	22	.11	8	64.9	1	99
HB-97-01	8.1	3.17	6	438	.1	1	3.54	.2	26	82	8077	5.84	8	.03	27	3.30	1414	1	.02	30	1020	12	3	1	43	33	.02	18	170.2	1	112
HB-97-02	.5	.70	30	57	.3	2	2.17	.6	10	27	862	5.47	5	.14	7	.57	804	3	.03	2	1720	37	2	1	47	25	.01	17	22.8	1	101
HB-97-03	.1	.32	111	136	.3	3	1.59	.1	6	39	324	4.14	3	.16	1	.21	471	1	.03	1	1190	18	3	1	156	18	.01	12	8.4	1	27
HB-97-04	.1	1.60	59	21	.1	2	.13	.1	64	248	229	11.22	10	.04	13	1.85	508	1	.02	128	590	35	5	1	5	57	.09	37	133.7	1	31
HB-97-05	1.7	.69	71	142	.2	10	1.11	2.6	9	40	307	3.69	4	.05	4	.68	293	2	.05	4	1130	122	4	1	35	18	.01	11	30.2	6	511
HB-97-06	.1	.25	1	41	.1	2	.02	.1	5	36	199	2.62	3	.10	1	.02	11	1	.03	8	60	2	1	1	9	11	.01	7	7.7	1	1



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Project:
Attn: **Larry Hewitt**

Date: **OCT-14-97**

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submitted OCT-03-97 by LARRY HEWITT.

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LT-97-06	.07
LT-97-07	.04
LT-97-08	.11
LT-97-10	.03
LT-97-11	.07
LT-97-12	.11
LT-97-13	.06
LS-97-101	.03
LS-97-102	.01
LS-97-103	.01
LS-97-104	.01
LS-97-105	.01
HS-97-01	.01
HS-97-02	.01
HS-97-03	.01
HS-97-04	.01
HS-97-05	.01
HS-97-06	.02

Certified by _____

MIN-EN LABORATORIES

COMP: HEWITT CO. & ASSOC
 PROJ:
 ATTN: Larry Hewitt

MIN-EN LABS — ICP REPORT
 8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8
 TEL:(604)327-3436 FAX:(604)327-3423

FILE NO: 7S-0309-SJ1
 DATE: 97/10/14
 * * (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
LT-97-06	.1	.94	62	282	.6	5	.12	.1	26	5	388	4.61	2	.07	1	.06	1098	5	.01	10	1110	12	1	1	31	30	.01	13	24.4	1	58
LT-97-07	.1	1.30	27	857	.9	3	.25	.1	50	16	1	5.06	2	.07	3	.39	1681	14	.01	27	1740	39	2	1	76	29	.01	16	29.0	1	113
LT-97-08	.1	1.20	119	355	1.0	8	.07	.1	18	10	338	9.38	7	.08	2	.20	1127	89	.01	14	2340	89	4	1	36	49	.01	31	43.8	7	164
LT-97-10	.1	.92	49	406	1.1	4	.04	.8	36	3	4	6.19	3	.07	1	.08	1514	5	.01	10	2530	185	4	1	25	32	.01	19	18.0	5	314
LT-97-11	.1	.90	162	503	.4	8	.01	.1	6	5	1	11.22	11	.42	1	.07	301	7	.11	8	3760	39	4	1	91	54	.01	36	31.4	1	56
LT-97-12	.7	1.62	588	346	.3	7	.01	.1	2	35	43	9.11	15	.19	4	.45	188	1	.04	5	2530	88	7	1	124	45	.01	28	88.6	1	121
LT-97-13	.8	1.45	207	147	1.0	9	.10	.1	59	32	256	10.81	4	.05	4	.21	4008	2	.01	43	3780	101	6	1	21	50	.01	35	92.6	3	204
LS-97-101	.8	1.56	19	1580	.6	1	.75	.4	13	19	38	3.85	2	.16	14	.50	1388	1	.02	23	1510	26	2	1	327	19	.06	12	49.7	4	256
LS-97-102	.5	1.48	34	164	.5	1	.60	.5	7	9	13	4.11	3	.04	19	.34	729	2	.01	19	1160	25	5	1	47	18	.01	12	27.0	2	170
LS-97-103	.1	1.44	13	369	.4	1	.54	.3	13	17	14	4.05	3	.05	15	.48	1163	1	.03	18	870	14	1	1	113	18	.02	11	59.9	2	139
LS-97-104	.1	1.08	10	338	.3	1	.46	.3	8	14	2	2.87	3	.06	10	.40	585	1	.02	12	860	18	1	1	78	15	.02	8	43.5	2	107
LS-97-105	.1	1.65	12	316	.3	1	.66	.3	12	24	11	3.89	3	.05	16	.60	1036	1	.02	16	940	16	1	1	131	18	.02	11	69.7	3	124
HS-97-01	.1	.87	1	26	.1	1	.62	.3	9	24	12	3.39	4	.03	5	.65	387	1	.02	10	1280	14	1	1	30	17	.09	9	76.0	1	56
HS-97-02	.1	2.13	4	143	.1	1	1.04	.5	19	16	37	5.23	5	.06	24	1.46	1544	1	.01	11	1310	13	1	1	78	27	.19	15	109.9	2	150
HS-97-03	.1	1.45	5	125	.1	1	1.06	.1	10	17	3	2.97	3	.04	9	.72	711	1	.04	14	680	6	1	1	181	15	.07	8	51.3	1	56
HS-97-04	.1	1.29	4	65	.1	1	.98	.1	8	10	1	2.30	2	.03	8	.60	590	1	.03	7	560	5	1	1	84	11	.08	6	48.1	2	51
HS-97-05	.1	2.70	14	114	.1	1	2.06	.1	6	7	1	1.87	5	.05	8	.43	716	1	.02	5	560	2	1	1	167	9	.08	5	28.7	1	44
HS-97-06	.1	1.23	7	81	.1	1	.96	.1	7	6	1	2.09	2	.03	10	.51	652	1	.02	4	570	4	1	1	113	11	.05	6	32.4	1	52

PHOTOGRAPHS



TIP CLAIM 23 g/t AU SAMPLE SITE CENTRE OF PHOTO
BELOW SNOW PATCH
RIDGE ON SKYLINE IS E CLAIM BOUNDARY

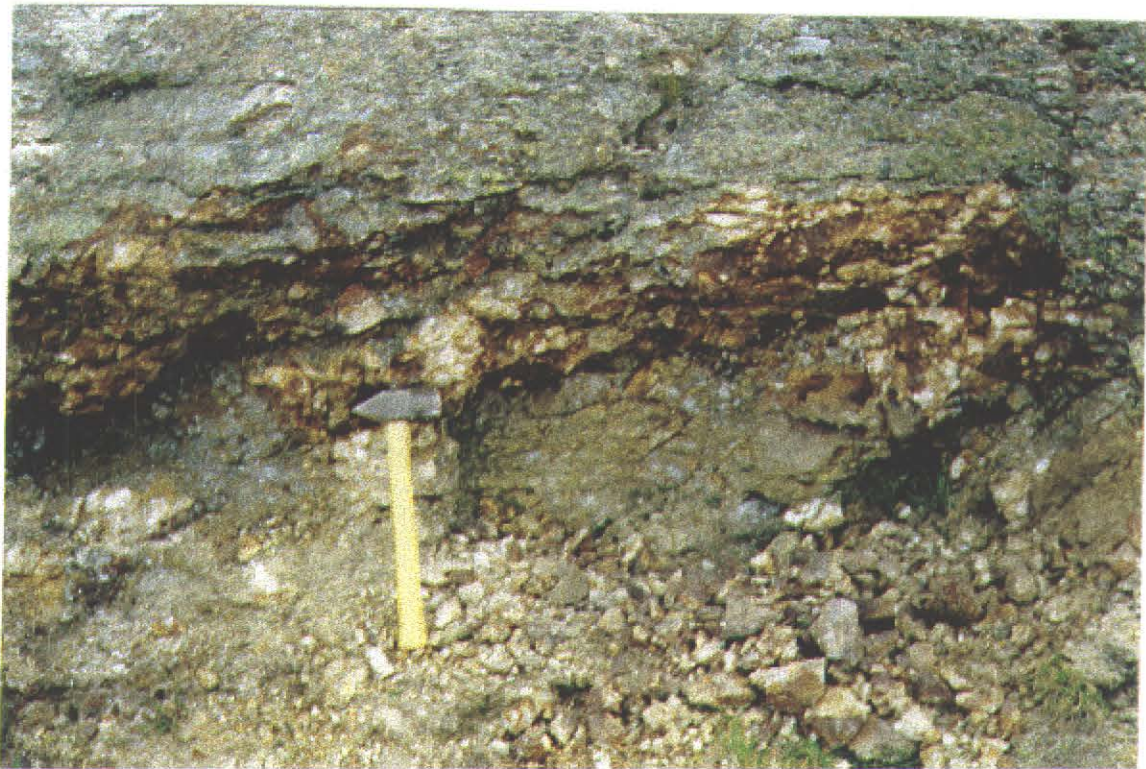


TIP CLAIM LOOKING WEST FROM 23g/tAU SAMPLE SITE





TIP CLAIM LOOKING WEST FROM EAST CLAIM BOUNDARY
1755 ppm CU/SILT SITE AT RIGHT CENTRE PHOTO



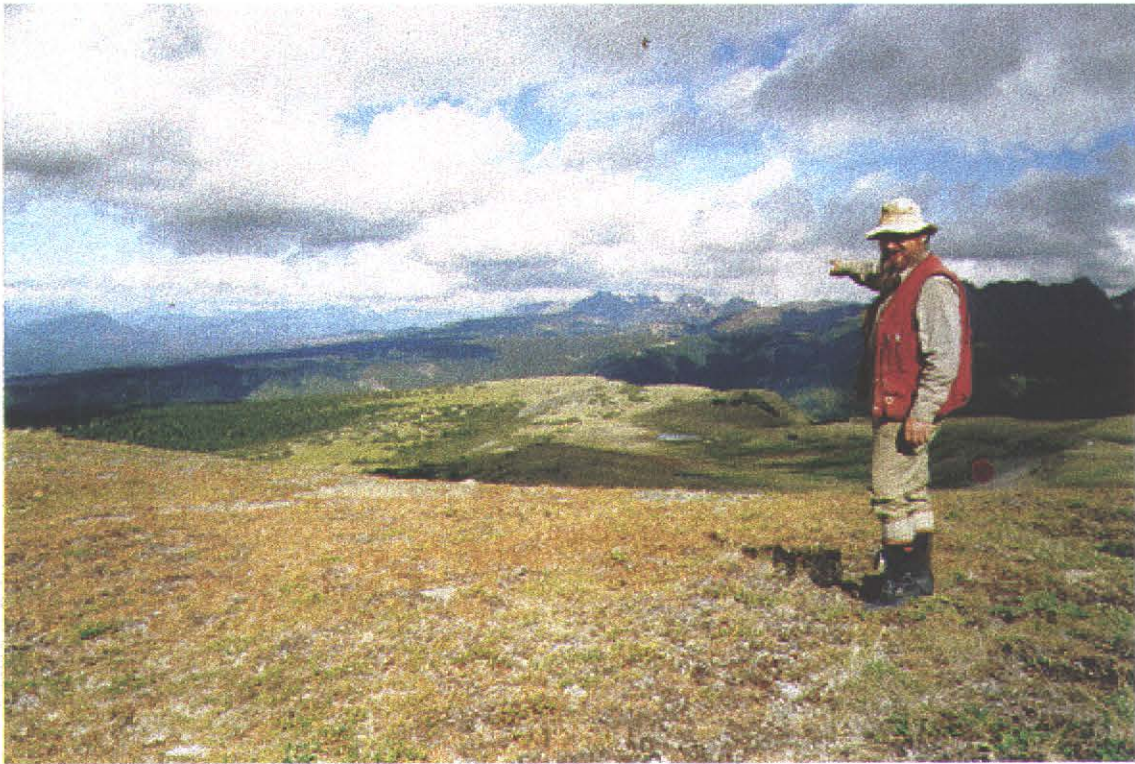
TIP CLAIM HYDROTHERMAL BRECCIA



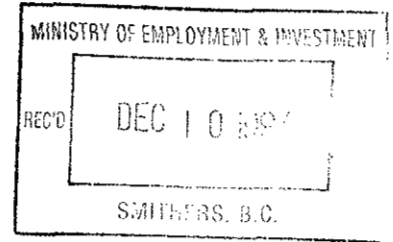
Southeast of Tip Chalm / Prospecting Camp Site



TIP CHALM BRECCIA IN TALUS, CENTRE OF CHALM, NORTH SLOPE



VIEW WEST FROM AREA "A", AREA "B" GOSSEN AT
CENTRE OF PHOTO. MT. HORETSKY AT CENTRE LEFT.



TIP CLAIM

RECONNAISSANCE PROSPECTING REPORT

OMINECA MINING DIVISION
BRITISH COLUMBIA

NTS 93-M-10E

Latitude 55 degrees 37 minutes north
Longitude 126 degrees 34 minutes west

And For

B.C. Prospectors Assistance Program
Reference No. 97/98 P52

By

Lawrence Hewitt, M.A.
&
Robin C. Day, B.Sc., F.G.A.C.

Nov. 01, 1997

Geological Survey Branch
MEI

NOV 26 1997

P52

rec'd Nov 26/97
SP 0

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TIP CLAIM PROSPECTING AREA

EXECUTIVE SUMMARY

During the course of field work, a large biotite-feldspar porphyry(BFP) pluton was identified and partially mapped. Carbonate alteration within the pluton is variable. Within the boundary of the Tip claim, and coincident with a positive airborne magnetic anomaly, a zone of pervasive sericite-pyrite alteration was identified. This zone is extensively leached, has been traced for about 1500 meters in an east-west direction and is not yet defined to the north and south. Cu in silts and talus fines, from the area of pervasive sericite-pyrite alteration, reach highs of 1755 ppm and 1661 ppm respectively. Au in silts are .16 and .24 g/t. Au values in talus fines deemed significant range from 0.10-2.50 g/t (excluding a spot high value of 23.18 g/t). Further work is recommended to better define Cu/Au mineralization associated with this newly discovered porphyry system.

PROJECT LOCATION

West-central B.C. about 100 kilometers northeast of Smithers, south and east of Charleston Creek, on the east side of the Nilkitkwa River or about 20 Kilometers east of Mt. Horetsky.

N.T.S. MAP

93-M-10 and around lat.55 deg. 37 min. north and long. 126 deg. 34 min. west.

ACCESS

Access is by truck to landings on the Nilkitkwa Main logging haul road and by helicopter to the claims.

COMMODITIES

Au, Cu, Mo(chalcopyrite, gold molybdenum etc.)

DEPOSIT TYPES

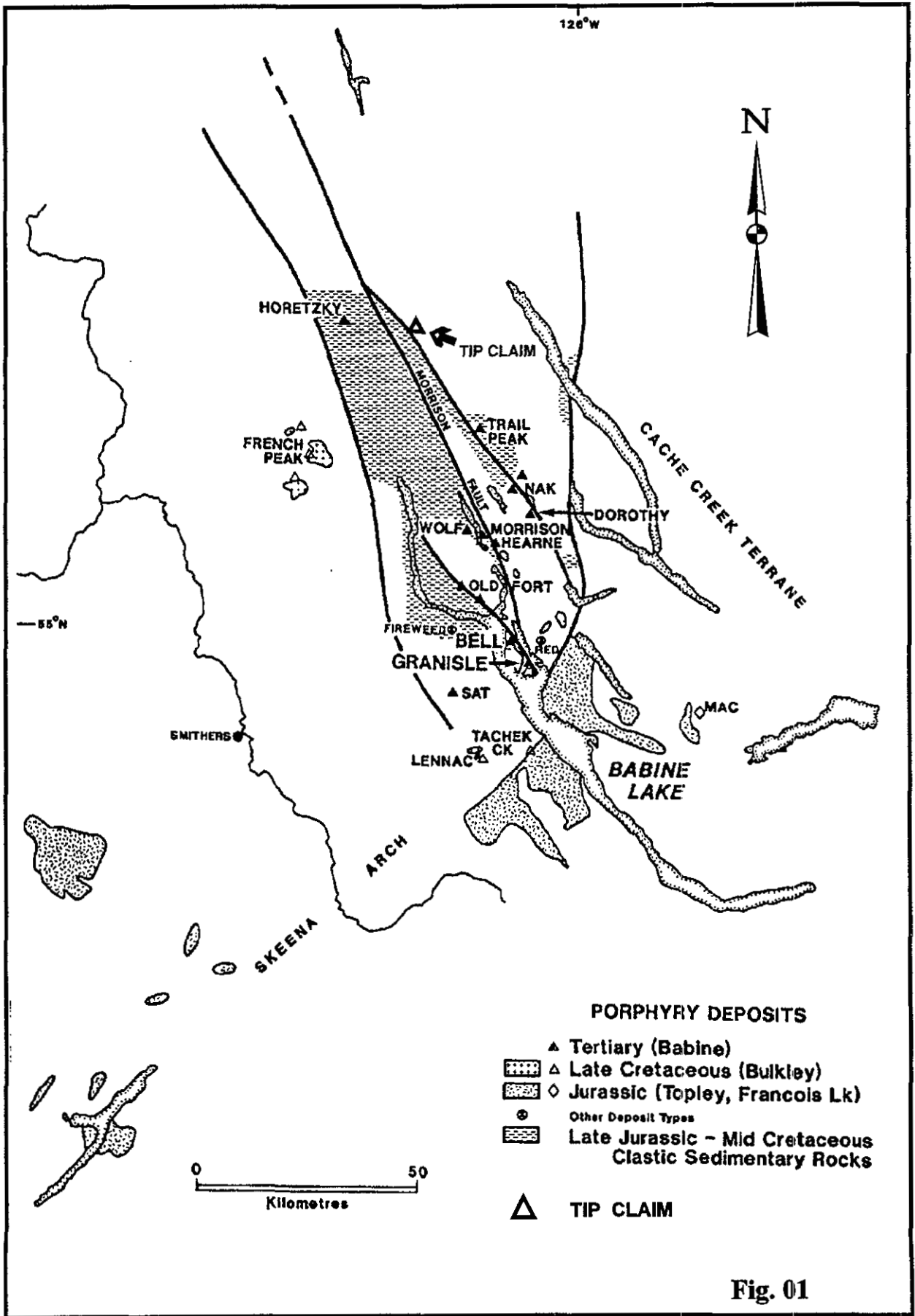
Deposit types sought include: Cu-Au ±Mo porphyry system, porphyry related Au, Ag sheeted vein or stockwork systems.

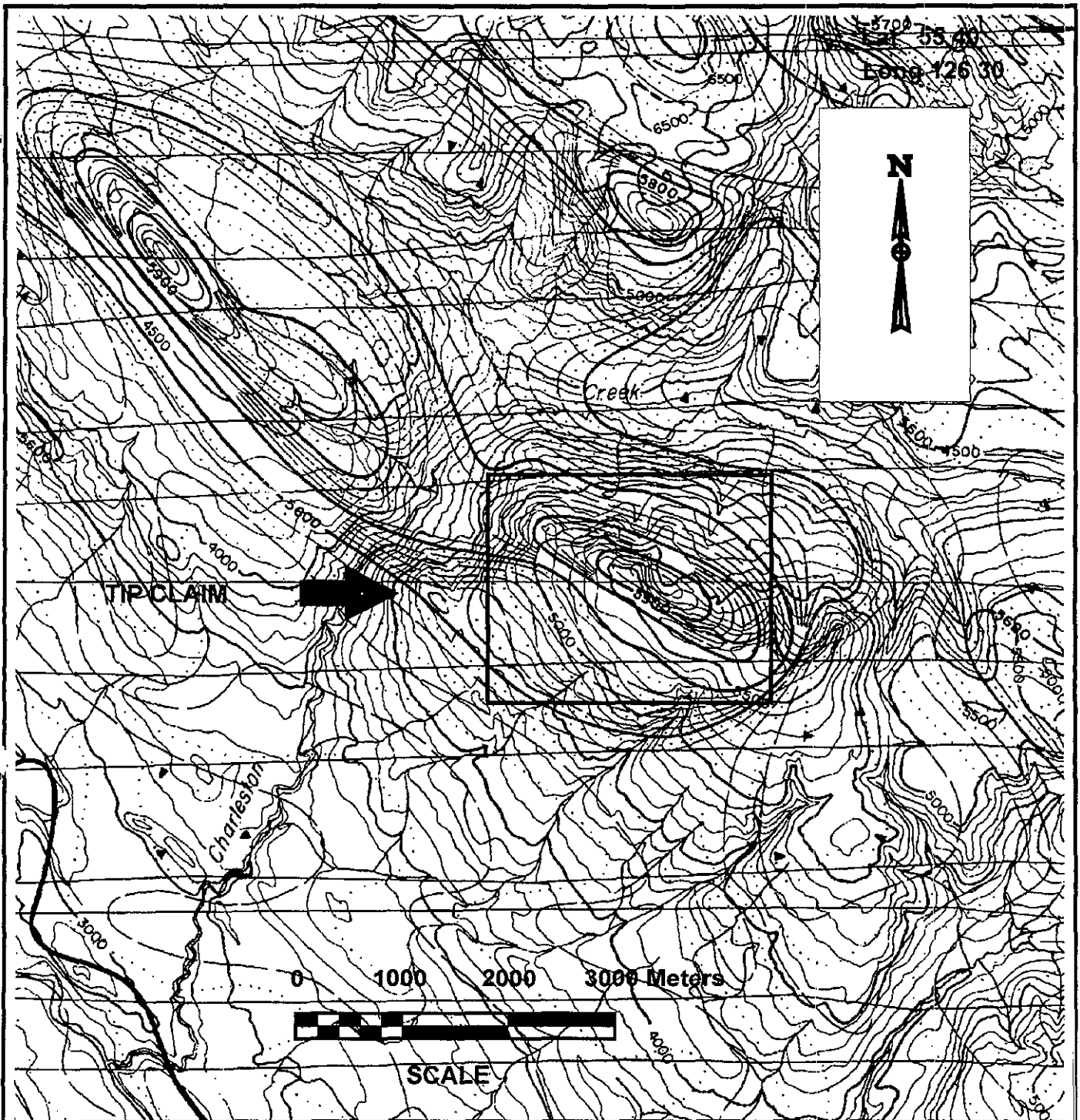
GEOLOGY

The project area is located at the north end of the Babine Lake porphyry district and is underlain by late Jurassic to mid Cretaceous age clastic sediments. Intrusive into these sediments, is a large, multi-phase BFP pluton. Within this pluton, and coincident with a positive airborne magnetic anomaly, is a zone of pervasive sericite-pyrite (phyllic) alteration. This phyllic alteration is in turn intruded by later stage barren dykes. The extent of the phyllic alteration has been mapped in an east-west direction for about 1500 meters and is not yet defined to the north and south. The phyllic alteration zone is also extensively leached, making it difficult to obtain samples of fresh sulfides.

Fracture and joint density in the phyllic alteration zone appears to be high. This is best exemplified at sample site LR-97-10 where leached outcrop also shows textures suggestive of a hydrothermal breccia.

Angular blocks at the base of the talus slope and west of LT-97-04, are characterized as barren intrusive pebble breccia.



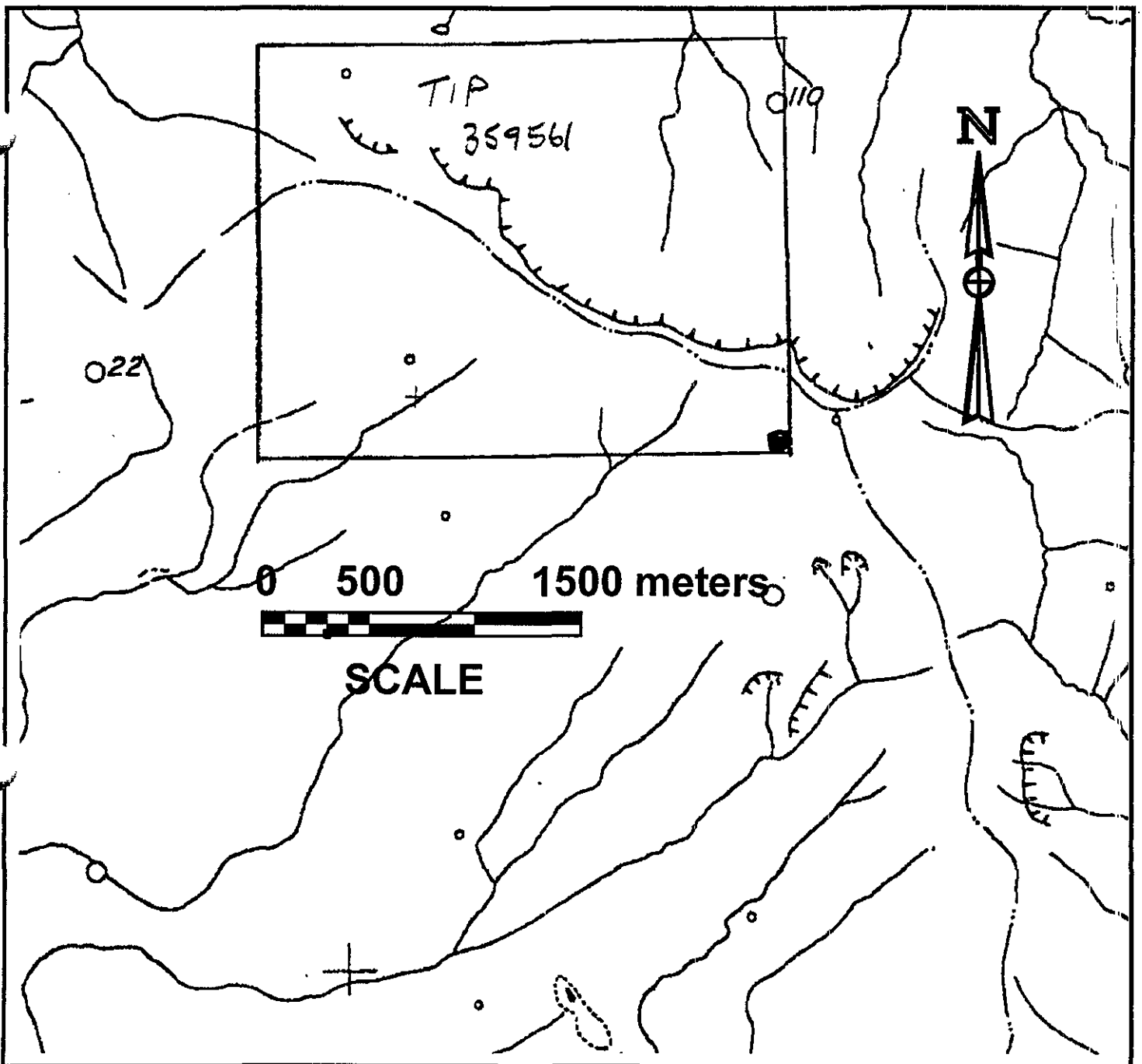


TIP CLAIM - 93 - M - 10E

Airborne Magnetics & Location Map

Note: A phyllic (sericite-pyrite) alteration zone occurs within the prospecting area, Exploration targets include porphyry Cu-Au and porphyry related auriferous sheeted vein or stockwork system associated with phyllic alteration (ie. Snowfield Gold Zone).

Fig. 02



TIP CLAIM

CLAIM MAP

NTS 93-M-10

Fig. 03

CLAIM OWNERSHIP

The Tip claim is beneficially owned by L. Hewitt and R. Day.

CLAIM RECORD DATA

Claim Name	Tenure No.	Record Date
Tip	359561	September 22, 1997

WORK UNDERTAKEN

The Tip claim and surrounding area was prospected from August 14 to 22, 1997 and staked during September 20 to 22, 1997. Additional prospecting and sampling was performed September 26, 1997, totaling 22 man days of prospecting and related work and 4 man days equipment preparation, mobilization, camp set-up and egress.

EXPLORATION HISTORY

There is no record of previous work performed on the Tip claim.

SILT, TALUS FINES & ROCK GEOCHEMISTRY RESULTS

Silt samples collected from the base of a north facing ridge underlain by phyllic alteration contain 1755 and 1295 ppm copper. Gold in silts from these sites are 0.16 and 0.24 g/t. (see Appendix A and fig. 5).

Gold values in talus fines deemed anomalous range from >0.1 to 2.5 g/t (excluding a spot high of 23.18 g/t). Sample LT-97-03 contained 1661 ppm Cu.

Gold values in leached rocks deemed anomalous range from .04 to .07 g/t. Cu values are all below 42 ppm.

Ag, As, Mo, Pb & Zn values are deemed high in silt samples with high copper. Ag, As, Cd, Mo, Pb & Zn appear to be erratically elevated in talus fines. Some leached rock exhibits elevated As geochemistry.

SUMMARY

A new porphyry system has been identified at the north end of the Babine Lake Porphyry district. Multi-element ICP geochemistry from silt and talus fine samples indicates this porphyry system contains copper, gold and molybdenum mineralization.

DISCUSSION

In contrast to other known porphyries in the Babine Porphyry district (i.e. Bell, Granisle and Morrison deposits), the Tip porphyry is hosted within a large multi-phase precursor BFP pluton.

RECOMMENDATIONS

Limited grid work should be done to facilitate further sampling for gold, copper and molybdenum in talus fines and soils. Additional prospecting and mapping should be undertaken to define the extent of phyllic alteration. Subject to encouraging results (given the leached nature of outcrop), a ground based geophysical survey should be performed (including magnetics and I.P.) to better define the distribution of secondary magnetite and sulphides.

ACKNOWLEDGMENT

The B.C. Prospectors Assistance Program in part provided funding for the prospecting program on the Tip claim and surrounding area.

REFERENCES

1. Topographic map NTS 93-M-10
2. Geophysics Paper 5263 (Airborne Magnetics for Nilkitkwa River)
3. New Mineral Deposits of the Cordillera-1996 Cordilleran Roundup Shortcourse

STATEMENT OF QUALIFICATIONS

I, Lawrence Hewitt, graduated from the University of Calgary with a Master of Arts (Philosophy) degree in 1968, have successfully completed prospecting courses offered by the B.C. Ministry of Mines, and have been active as a prospector for over 10 years.

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



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FAX (604) 327-3423

SMITHERS LAB:
3176 TATLOW ROAD
SMITHERS, B.C., CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Quality Assaying for over 25 Years

Assay Certificate

7S-0252-SA1

Company: **HEWITT CO. & ASSOC.**
Project:
Attn: **LARRY HEWITT**

Date: **SEP-05-97**

We hereby certify the following Assay of 5 TALUS FINES samples submitted AUG-28-97 by Larry Hewitt.

Sample Number	Au-fire g/tonne
LT-97-01	* 23.18
LT-97-02	2.50
LT-97-03	1.10
LT-97-04	.28
LT-97-05	.27

*GRAVIMETRIC FINISH

Certified by _____


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3176 TATLOW ROAD
SMITHERS, B.C., CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Quality Assaying for over 25 Years

Assay Certificate

7S-0252-LA1

Company: **HEWITT CO. & ASSOC.**
Project:
Attn: **LARRY HEWITT**

Date: **SEP-05-97**

We hereby certify the following Assay of 5 SILT samples
submitted AUG-28-97 by Larry Hewitt.

Sample Number	Au-fire g/tonne
LS-97-01	.01
LS-97-02	.24
LS-97-03	.16
AL-97-01	.01
AL-97-02	.01

Certified by _____

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TELEPHONE (604) 847-3004
FAX (604) 847-3005

Quality Assaying for over 25 Years

Assay Certificate

7S-0252-RA1

Company: **HEWITT CO. & ASSOC.**

Date: SEP-05-97

Project:

Attn: **LARRY HEWITT**

We hereby certify the following Assay of 12 ROCK samples
submitted AUG-28-97 by Larry Hewitt.

Sample Number	Au-fire g/tonne
LR-97-01	.01
LR-97-02	.01
LR-97-03	.07
LR-97-04	.04
LR-97-05	.02
LR-97-06	.01
LR-97-07	.01
LR-97-08	.06
LR-97-09	.02
LR-97-10	.02
LR-97-11	.02
AR-97-01	.01

Certified by _____


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SMITHERS LAB:
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SMITHERS, B.C., CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Quality Assaying for over 25 Years

Assay Certificate

7S-0309-SA1

Company: **HEWITT CO. & ASSOC**
Project:
Attn: **Larry Hewitt**

Date: **OCT-14-97**

We hereby certify the following Assay of 18 TALUS / SILT samples submitted OCT-03-97 by LARRY HEWITT.

Sample Number	Au-fire g/tonne	
LT-97-06	.07	} TIP CLAIM
LT-97-07	.04	
LT-97-08	.11	
LT-97-10	.03	
LT-97-11	.07	
LT-97-12	.11	
LT-97-13	.06	
LS-97-101	.03	
LS-97-102	.01	
LS-97-103	.01	
LS-97-104	.01	
LS-97-105	.01	
HS-97-01	.01	
HS-97-02	.01	
HS-97-03	.01	
HS-97-04	.01	
HS-97-05	.01	
HS-97-06	.02	

Certified by 

MIN-EN LABORATORIES

COMP: HEWITT CO. & ASSOC.
 PROJ:
 ATTN: LARRY HEWITT

MIN-EN LABS — ICP REPORT
 8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8
 TEL:(604)327-3436 FAX:(604)327-3423

FILE NO: 7S-0252-SJ1
 DATE: 97/09/05
 * * (ACT:F31)

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
LT-97-01	8.4	1.10	110	745	.1	14	.35	.5	36	1	126	7.13	9	.11	3	.30	1332	8	.02	16	1820	334	35	1	106	6	.01	7	22.6	2	365
LT-97-02	1.1	.67	131	612	.1	13	.28	15.6	35	1	26	6.43	37	.07	2	.11	3536	8	.01	25	1890	34	23	1	44	10	.01	8	19.0	3	652
LT-97-03	1.9	1.27	227	254	.1	17	.12	.1	71	1	1661	12.69	42	.09	2	.16	4639	22	.01	16	3920	44	64	1	38	16	.01	9	34.7	1	127
LT-97-04	1.1	1.22	92	590	.1	11	.37	.1	26	1	65	5.82	7	.09	5	.39	1482	7	.01	23	1920	39	23	1	90	7	.01	6	36.4	1	111
LT-97-05	.1	1.64	547	220	.1	4	.01	.1	89	1	106	>15.00	21	.07	1	.07	2851	22	.01	34	4350	1	49	1	39	9	.01	10	5.0	1	386

COMP: HEWITT & ASSOC.
PROJ:
ATTN: LARRY HEWITT

MIN-EN LABS — ICP REPORT
8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8
TEL:(604)327-3436 FAX:(604)327-3423

FILE NO: 7S-0252-LJ1
DATE: 97/09/05
* * (ACT:F31)

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
LS-97-01	.1	1.48	16	266	.1	2	.28	1.0	12	6	32	3.47	3	.05	15	.35	1307	5	.01	17	1790	33	14	1	38	1	.01	2	34.5	1	118
LS-97-02	2.6	1.92	99	624	.1	7	.80	1.2	28	1	1755	7.53	1	.12	14	.77	1132	54	.02	16	2260	208	29	1	339	1	.03	13	48.5	1	376
LS-97-03	3.1	1.60	54	350	.1	6	1.03	.6	16	9	1293	4.49	1	.10	12	.66	164	55	.01	11	1300	174	23	1	352	3	.02	13	40.3	1	303
AL-97-01	.1	2.55	1	190	.1	1	.94	.1	16	14	72	3.92	1	.07	17	.70	652	4	.02	17	850	46	22	1	101	1	.01	2	77.7	1	112
AL-97-02	.1	2.35	1	175	.1	1	.95	1.0	16	14	49	4.03	1	.06	16	.64	700	4	.02	15	650	39	21	1	57	1	.02	2	89.8	2	200

COMP: HEWITT C. & ASSOC.

PROJ:

ATTN: LARRY HEWITT

MIN-EN LABS — ICP REPORT

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TEL:(604)327-3436 FAX:(604)327-3423

FILE NO: 7S-0252-RJ1

DATE: 97/09/05

* * (ACT:F31)

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
LR-97-01	.1	.47	1	117	.1	2	1.04	.6	6	125	8	2.09	1	.10	8	.23	589	4	.06	7	1000	8	6	1	77	3	.01	1	30.5	4	61
LR-97-02	.1	2.31	25	73	.1	1	.16	.1	36	54	28	5.79	1	.07	25	1.35	719	4	.08	33	710	41	16	1	28	1	.01	1	141.6	2	65
LR-97-03	.1	.78	34	178	.1	3	.09	.2	3	68	14	1.72	1	.15	1	.11	33	4	.03	6	890	12	11	1	16	6	.01	3	12.2	3	16
LR-97-04	.1	.39	107	313	.1	6	.01	.1	7	47	5	3.07	1	.24	1	.05	18	5	.04	6	510	13	10	1	25	5	.01	3	4.8	2	3
LR-97-05	.1	.46	22	104	.1	3	.07	.1	9	50	10	2.58	2	.22	2	.04	45	4	.03	8	930	2	11	1	31	6	.01	3	11.0	2	9
LR-97-06	.1	1.13	70	100	.1	1	.22	.1	8	59	9	3.13	1	.18	8	.61	207	3	.04	12	1380	24	10	1	24	1	.01	3	39.7	2	49
LR-97-07	.1	.55	12	82	.1	2	.06	.1	4	59	24	3.49	6	.14	5	.02	138	5	.03	6	1300	64	13	1	33	5	.01	3	35.8	3	106
LR-97-08	1.1	.23	55	184	.1	4	.01	.1	10	87	42	3.69	2	.21	1	.02	14	5	.02	6	520	1	12	1	10	5	.01	3	4.0	3	4
LR-97-09	.1	.42	38	254	.1	3	.01	.1	4	111	6	2.11	2	.18	1	.05	12	5	.05	4	590	9	10	1	24	7	.01	4	2.6	4	6
LR-97-10	.1	.49	347	144	.1	1	.01	.1	3	50	9	4.48	1	.24	2	.16	34	3	.05	1	1350	14	12	1	24	1	.01	3	25.0	2	43
LR-97-11	.5	.70	8	749	.1	1	.13	.1	5	87	12	3.53	1	.12	4	.55	66	12	.04	4	1140	51	8	1	42	1	.01	2	29.2	3	37
AR-97-01	.1	2.20	1	621	.1	1	.92	.1	23	47	40	3.14	1	.07	3	.34	295	5	.11	21	940	28	23	1	124	1	.01	1	75.9	3	46

COMP: HEWITT C ASSOC

PROJ:

ATTN: Larry Hewitt

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

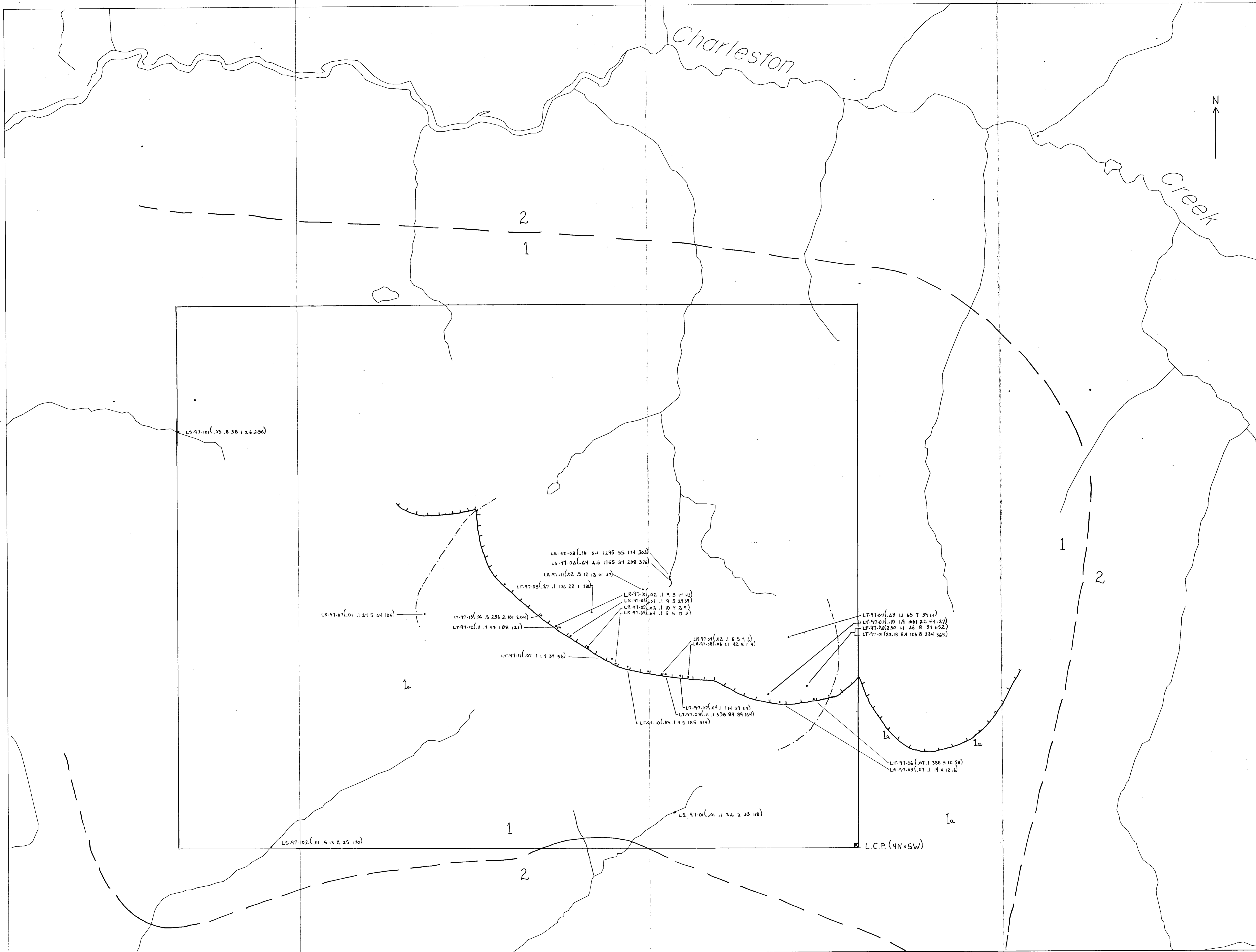
FILE NO: 7S-0309-SJ1

DATE: 97/10/14

* * (ACT:ICP 31)

TIP CLAIM

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
LT-97-06	.1	.94	62	282	.6	5	.12	.1	26	5	388	4.61	2	.07	1	.06	1098	5	.01	10	1110	12	1	1	31	30	.01	13	24.4	1	58
LT-97-07	.1	1.30	27	857	.9	3	.25	.1	50	16	1	5.06	2	.07	3	.39	1681	14	.01	27	1740	39	2	1	76	29	.01	16	29.0	1	113
LT-97-08	.1	1.20	119	355	1.0	8	.07	.1	18	10	338	9.38	7	.08	2	.20	1127	89	.01	14	2340	89	4	1	36	49	.01	31	43.8	7	164
LT-97-10	.1	.92	49	406	1.1	4	.04	.8	36	3	4	6.19	3	.07	1	.08	1514	5	.01	10	2530	185	4	1	25	32	.01	19	18.0	5	314
LT-97-11	.1	.90	162	503	.4	8	.01	.1	6	5	1	11.22	11	.42	1	.07	301	7	.11	8	3760	39	4	1	91	54	.01	36	31.4	1	56
LT-97-12	.7	1.62	588	346	.3	7	.01	.1	2	35	43	9.11	15	.19	4	.45	188	1	.04	5	2530	88	7	1	124	45	.01	28	88.6	1	121
LT-97-13	.8	1.45	207	147	1.0	9	.10	.1	59	32	256	10.81	4	.05	4	.21	4008	2	.01	43	3780	101	6	1	21	50	.01	35	92.6	3	204
LS-97-101	.8	1.56	19	1580	.6	1	.75	.4	13	19	38	3.85	2	.16	14	.50	1388	1	.02	23	1510	26	2	1	327	19	.06	12	49.7	4	256
LS-97-102	.5	1.48	34	164	.5	1	.60	.5	7	9	13	4.11	3	.04	19	.34	729	2	.01	19	1160	25	5	1	47	18	.01	12	27.0	2	170
LS-97-103	.1	1.44	13	369	.4	1	.54	.3	13	17	14	4.05	3	.05	15	.48	1163	1	.03	18	870	14	1	1	113	18	.02	11	59.9	2	139
LS-97-104	.1	1.08	10	338	.3	1	.46	.3	8	14	2	2.87	3	.06	10	.40	585	1	.02	12	860	18	1	1	78	15	.02	8	43.5	2	107
LS-97-105	.1	1.65	12	316	.3	1	.66	.3	12	24	11	3.89	3	.05	16	.60	1036	1	.02	16	940	16	1	1	131	18	.02	11	69.7	3	124
HS-97-01	.1	.87	1	26	.1	1	.62	.3	9	24	12	3.39	4	.03	5	.65	387	1	.02	10	1280	14	1	1	30	17	.09	9	76.0	1	56
HS-97-02	.1	2.13	4	143	.1	1	1.04	.5	19	16	37	5.23	5	.06	24	1.46	1544	1	.01	11	1310	13	1	1	78	27	.19	15	109.9	2	150
HS-97-03	.1	1.45	5	125	.1	1	1.06	.1	10	17	3	2.97	3	.04	9	.72	711	1	.04	14	680	6	1	1	181	15	.07	8	51.3	1	56
HS-97-04	.1	1.29	4	65	.1	1	.98	.1	8	10	1	2.30	2	.03	8	.60	590	1	.03	7	560	5	1	1	84	11	.08	6	48.1	2	51
HS-97-05	.1	2.70	14	114	.1	1	2.06	.1	6	7	1	1.87	5	.05	8	.43	716	1	.02	5	560	2	1	1	167	9	.08	5	28.7	1	44
HS-97-06	.1	1.23	7	81	.1	1	.96	.1	7	6	1	2.09	2	.03	10	.51	652	1	.02	4	570	4	1	1	113	11	.05	6	32.4	1	52



0 100 200 500 METERS
SCALE 1:5000

LEGEND
 TIP CLAIM
 NTS 93-M-10E
 SAMPLE LOCATION, GEOCHEMISTRY & GEOLOGY
 LR-97-(03-11) OUTCROP/SUBCROP
 LT-97-(01-12) TALUS FINES
 LS-97-(01-03) SILT
 LS-97-03 (Au g/t/Ag ppm/Cu ppm/Mo ppm/Pb ppm/Zn ppm)

--- GEOLOGICAL CONTACT (ASSUMED)
 |||| TALUS SLOPE
 - - - SERICITE-PYRITE ALTERATION
 [1] BFP (BIOTITE-FELDSPAR PORPHYRY) 1a-CARBONATE ALTERED
 [2] UPPER JURASSIC-LOWER CRETACEOUS CLASTICS