

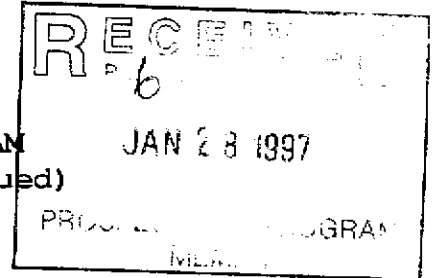
BRITISH COLUMBIA
PROSPECTORS ASSISTANCE PROGRAM
MINISTRY OF ENERGY AND MINES
GEOLOGICAL SURVEY BRANCH

PROGRAM YEAR: 1996/1997

REPORT #: PAP 96-3

NAME: RALPH KEEFE

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 & 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 Ralph R. Keefe Reference Number 96/97 P-6

LOCATION/COMMODITIES

Project Area (as listed in Part A) Holm
Minfile # if applicable N/A
Location of Project Area NTS 93L 6 E/W Lat 54 15' Long 127 13'
Description of Location and Access North side of Morice River - 6 km. North of Chisholm Lake.
Main Commodities Searched For - Coal
Known Mineral Occurrences in Project Area - Nil in immediate area - placer Au.

WORK PERFORMED

1. Conventional Prospecting (area) - completed prospecting of winter logging in blks - silted upper reaches (2 - creeks)
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 (if any)

Commodities coal Claim Name
Location (show on map) Lat _____ Long _____ Elevation
Best assay/sample type
Description of mineralization, host rocks, anomalies - Coal seam in sediments. Met with T. Brizzoni (MGR) Manalta Coal (Telkwa) during the late summer. Company advised me that the coal was of similar quality to the Telkwa Collieries but was unfortunately too far from railway to be economical at this time. Prospecting had to be abandoned in the latter part of June due to over 1 metre of snow outside log blocks. Coal seam was re-sampled for other metals. (sample #19441)

Supporting data must be submitted with this TECHNICAL REPORT.

Master



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: HEMLO GOLD MINES INC.
100 - 1285 W. PENDER ST.
VANCOUVER, BC
V6E 4B1

Project: HOLM
Comments: ATTN: GERRY BIDWELL

Page Number : 1-A
Total Pages : 1
Certificate Date: 09-JUL-96
Invoice No. : 19622726
P.O. Number :
Account : NOK

CERTIFICATE OF ANALYSIS

A9622726

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
	FA+AA																				
HOLM - 18726	201	202	< 5	< 0.2	2.76	4	190	0.5	2	0.81	0.5	11	28	27	3.03	< 10	< 1	0.06	10	0.62	1030
" - 18727	201	202	< 5	< 0.2	1.80	4	150	< 0.5	< 2	0.84	< 0.5	10	23	22	2.51	< 10	< 1	0.07	10	0.57	1100

CERTIFICATION: Hart Buehler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
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 VANCOUVER, BC
 V6E 4B1

Page Number : 1-B
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 Invoice No. : 19622726
 P.O. Number :
 Account : NOK

Project : HOLM
 Comments: ATTN: GERRY BIDWELL

CERTIFICATE OF ANALYSIS

A9622726

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
18726	201	202	< 1	0.01	21	900	4	< 2	6	90	0.02	< 10	< 10	68	< 10	90
18727	201	202	< 1	0.01	15	870	8	< 2	4	67	0.03	< 10	< 10	59	< 10	92

CERTIFICATION:

Gerry Bidwell



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212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
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To: HEMLO GOLD MINES INC.

100 - 1285 W. PENDER ST.
VANCOUVER, BC
V6E 4B1

Project: HOLM
Comments: ATTN: GERRY BIDWELL

Page Number : 1-A
Total Pages : 1
Certificate Date: 09-JUL-96
Invoice No. : I9622728
P.O. Number :
Account : NOK

CERTIFICATE OF ANALYSIS

A9622728

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
	FA+AA																				
19441	205	226	< 5	< 0.2	0.14	90	20	0.5	< 2	0.14	< 0.5	3	15	20	4.16	< 10	< 1	0.02	< 10	0.05	50

CERTIFICATION:

Hart Bickler



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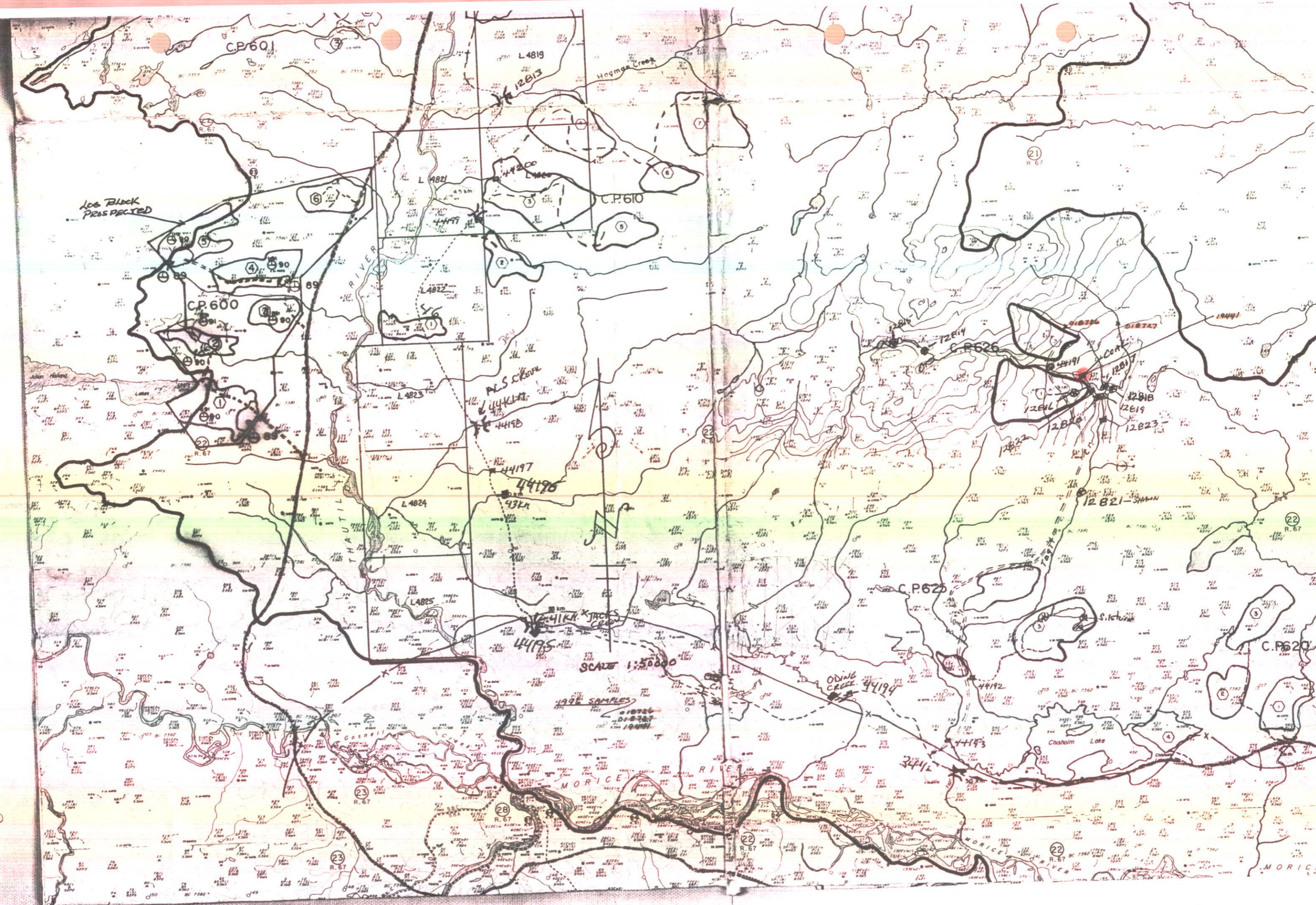
CERTIFICATE OF ANALYSIS

A9622728

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
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CERTIFICATION:

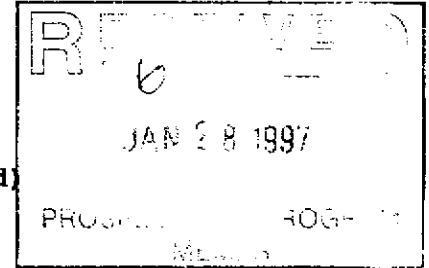
Hart Bickler



96-03

①

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 & 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 Ralph R. Keefe Reference Number 96/97 P-6

LOCATION/COMMODITIES

Project Area (as listed in Part A) M.R. Minfile # if applicable nil
Location of Project Area NTS 93M 2/E Lat 55 11' Long 126 41'
Description of Location and Access 5 km N.W. by logging road from 27 1/2 km. on the Nilkitwa forest service access road.
Main Commodities Searched For Au, Cu, Porphyry & Epithermal
Known Mineral Occurrences in Project Area - nil other than above.

WORK PERFORMED

1. Conventional Prospecting (area) - prospecting & silting of creeks to W.
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 (if any) nil

Commodities _____ Claim Name _____
Location (show on map) Lat _____ Long _____ Elevation _____

Best assay/sample type _____

Description of mineralization, host rocks, anomalies - Have been unable to extend further mineralization to west due to heavy overburden which has nullified Geo-chem and most Geo-physics. Spent 1 1/2 days with Inco whom reviewed all previous core and data with regards to VMS potential at depth.

Supporting data must be submitted with this TECHNICAL REPORT.



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Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
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PHONE: 604-984-0221 FAX: 604-984-0218

To: BATTLE MOUNTAIN CANADA

100 - 1285 W. PENDER ST.
VANCOUVER, BC
V6E 4B1

Project: BABINE DEV. PLAN

Comments: ATTN: GERRY BIDWELL CC: RALPH KEEFE

Page Number : 1-A
Total Pages : 1
Certificate Date: 21-OCT-96
Invoice No. : I9636355
P.O. Number :
Account : NOK

CERTIFICATE OF ANALYSIS

A9636355

Handwritten:
C.S.P. -
N.S. -
O.S.P. -

SAMPLE	PREP CODE		Au ppb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
	FA+AA		ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
021426	201	202	< 5	< 0.2	2.15	8	180	0.5	2	1.15	0.5	11	11	19	3.47	< 10	< 1	0.04	10	0.47	3750
021427	201	202	< 5	< 0.2	2.03	18	150	0.5	< 2	0.79	< 0.5	13	19	15	3.76	< 10	< 1	0.06	10	0.70	1235
021429	201	202	< 5	< 0.2	2.06	14	230	0.5	2	0.61	0.5	11	11	23	3.58	< 10	< 1	0.05	10	0.32	1605

CERTIFICATION:

Handwritten signature: Harto Buchler



Chemex Labs Ltd.

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V6E 4B1

Project: BABINE DEV. PLAN
Comments: ATTN: GERRY BIDWELL CC: RALPH KEEFE

Page Number : 1-B
Total Pages : 1
Certificate Date: 21-OCT-96
Invoice No. : I9636355
P.O. Number :
Account : NOK

CERTIFICATE OF ANALYSIS A9636355

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
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021427	201	202	< 1	0.02	16	1160	4	4	6	81	0.07	< 10	< 10	66	< 10	92
021429	201	202	1	< 0.01	11	800	6	< 2	5	64	0.03	< 10	< 10	50	< 10	94

CERTIFICATION: *[Signature]*



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To: BATTLE MOUNTAIN CANADA

100 - 1285 W. PENDER ST.
VANCOUVER, BC
V6E 4B1

Project: M.R. M.C. SILT
Comments: ATTN: GERRY BIDWELL CC: RALPH KEEFE

Page Number : 1-A
Total Pages : 1
Certificate Date: 21-OCT-96
Invoice No. : I9836354
P.O. Number :
Account : NOK

CERTIFICATE OF ANALYSIS

A9636354

SAMPLE	PREP CODE		Au ppb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
	FA+AA		ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
021428	201	202	< 5	< 0.2	2.43	6	180	0.5	< 2	0.98	< 0.5	9	12	33	2.99	< 10	< 1	0.03	10	0.45	1800

CERTIFICATION: Hart Bechler



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100 - 1285 W. PENDER ST.
VANCOUVER, BC
V6E 4B1

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Comments: ATTN: GERRY BIDWELL CC: RALPH KEEFE

Page Number : 1-B
Total Pages : 1
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Account : NOK

CERTIFICATE OF ANALYSIS

A9636354

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
021428	201	202	1	0.01	10	1190	8	< 2	4	102	0.03	< 10	< 10	47	< 10	80

CERTIFICATION:

Hank Bidwell

021427
021426

SEDIMENTARY
Predominantly Silt stone

CLIFF GROUP

M.R.#4
TAG # 659317M
M.R.#5
TAG # 659318M
M.R.#6
TAG # 659304M
M.R.#7
TAG # 659305M

57° 0' W (250°)

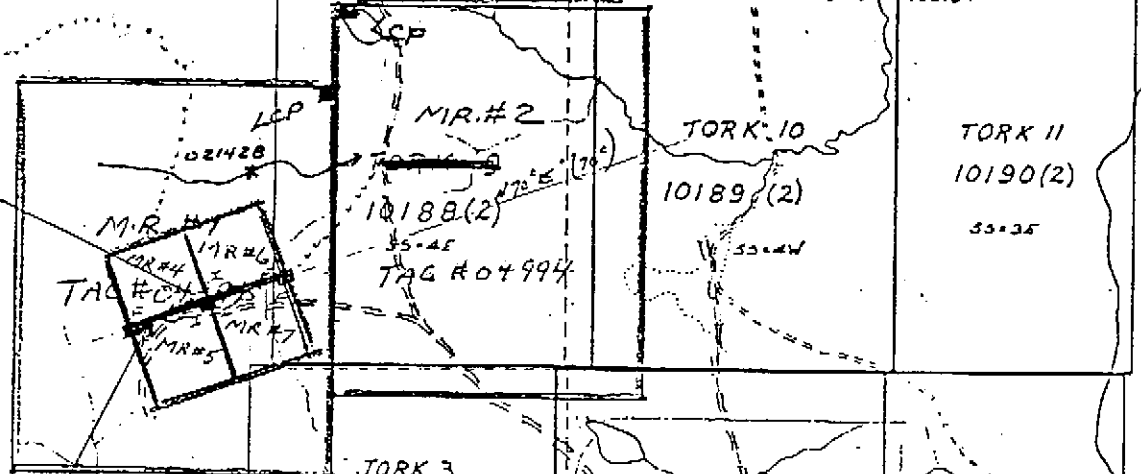
AREA PROPOSED
1996

50 M CENTERS
EN GRID

TORK 12
10191(2)
SN-4E

101791
108132

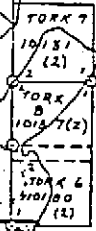
108133 108134



TORK 3
10184(2)
SN-4E

TORK 4
10185(2)
SN-4W

TORK 5
10186(2)
SN-3E



TORK 1
10182(2)
SN-4E

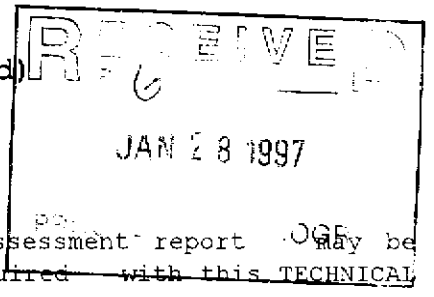
TORK 2
10183(2)
SN-4W

I.R.9

108536
108634

108537 108538
108535

BRITISH COLUMBIA
PROSPECTORS ASSISTANCE PROGRAM
PROSPECTING REPORT FORM (continued)



B. TECHNICAL REPORT

- One technical report to be completed for each project area
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Name Ralph R Keefe Reference Number 96/97 P-6

LOCATION/COMMODITIES

Project Area (as listed in Part A) Bine Minfile # if applicable nil
Location of Project Area NTS 93M 8/W Lat 55 25' Long 115 20'
Description of Location and Access - Houston Forest Products main road construction North of Haul Lake N.W. of Fort Babine.
Main Commodities Searched For Porphyry Cu. & Au.
Known Mineral Occurrences in Project Area - Twin Peak (Hera Resources to S.E.)

WORK PERFORMED

1. Conventional Prospecting (area) - logged areas & rd const. to date.
2. Geological Mapping (hectares/scale)
3. Geochemical (type and no. of samples) - 25 silt & 1 rock sample taken.
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 (if any) Nil.

Commodities _____ Claim Name _____
Location (show on map) Lat _____ Long _____ Elevation _____
Best assay/sample type _____
Description of mineralization, host rocks, anomalies : Predominantly sedimentary rock plus a small amount of volcanic. Several porphyry float rocks found with visible Cu. & Py. A small program proposed for next summer to follow up any new road construction and further cutting of log blocks.

Supporting data must be submitted with this TECHNICAL REPORT.



Chemex Labs Ltd.

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 PHONE: 604-984-0221 FAX: 604-984-0218

To: BATTLE MOUNTAIN CANADA

100 - 1285 W. PENDER ST.
 VANCOUVER, BC
 V6E 4B1

Project: BINE SILT
 Comments: ATTN: GERRY BIDWELL CC: RALPH KEEFE

Page Number : 1-A
 Total Pages : 1
 Certificate Date: 21-OCT-96
 Invoice No. : 19636350
 P.O. Number :
 Account : NOK

CERTIFICATE OF ANALYSIS A9636350

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
	FA+AA																				
B-1	201	202	< 5	0.2	2.46	6	430	0.5	< 2	0.99	0.5	15	24	30	4.32	< 10	< 1	0.05	< 10	0.39	4120
B-2	201	202	< 5	< 0.2	1.68	< 2	230	< 0.5	< 2	0.99	< 0.5	9	21	24	3.07	< 10	< 1	0.05	10	0.41	980
B-3	201	202	< 5	< 0.2	1.93	< 2	360	< 0.5	< 2	1.22	0.5	10	29	23	3.96	< 10	< 1	0.05	10	0.45	3740
B-4	201	202	< 5	0.2	2.22	< 2	370	< 0.5	4	1.16	0.5	14	21	30	4.29	< 10	< 1	0.07	10	0.44	6590
B-5	201	202	< 5	< 0.2	2.55	< 2	410	0.5	2	1.36	0.5	13	24	36	3.93	< 10	< 1	0.07	20	0.59	1685
B-6	201	202	< 5	< 0.2	1.86	2	280	< 0.5	2	1.00	0.5	11	20	23	3.47	< 10	< 1	0.06	10	0.41	2420
B-7	201	202	< 5	< 0.2	1.79	6	300	< 0.5	2	0.74	< 0.5	15	15	22	3.64	< 10	< 1	0.08	< 10	0.37	1920
B-8	201	202	< 5	< 0.2	2.09	10	270	< 0.5	< 2	0.80	< 0.5	15	21	28	3.61	< 10	< 1	0.08	< 10	0.54	910
B-9	201	202	< 5	< 0.2	1.96	6	250	< 0.5	2	0.78	< 0.5	14	21	27	3.64	< 10	< 1	0.07	< 10	0.54	855
B-10	201	202	< 5	< 0.2	2.05	10	280	< 0.5	< 2	0.86	0.5	12	19	26	3.90	< 10	< 1	0.06	10	0.40	2220
B-11	201	202	< 5	< 0.2	2.13	8	320	< 0.5	2	0.96	1.0	13	18	27	4.72	< 10	1	0.05	10	0.41	3450
B-12	201	202	< 5	< 0.2	2.03	6	290	< 0.5	< 2	1.49	0.5	8	19	21	2.93	< 10	< 1	0.05	10	0.41	1235
B-13	201	202	< 5	< 0.2	1.87	< 2	250	< 0.5	2	0.72	< 0.5	14	19	27	3.50	< 10	< 1	0.07	< 10	0.51	945
B-14	201	202	< 5	< 0.2	1.65	4	500	< 0.5	2	0.87	0.5	35	18	16	5.25	< 10	< 1	0.05	< 10	0.38	>10000
B-15	201	202	< 5	< 0.2	1.28	10	290	< 0.5	2	0.46	< 0.5	13	23	34	3.30	< 10	< 1	0.06	< 10	0.36	585
B-16	201	202	< 5	< 0.2	1.25	6	280	< 0.5	< 2	0.67	< 0.5	15	21	32	3.08	< 10	< 1	0.06	< 10	0.36	970
B-17	201	202	< 5	< 0.2	1.51	10	340	< 0.5	2	0.60	< 0.5	26	21	13	5.38	< 10	< 1	0.04	< 10	0.33	3680
B-18	201	202	< 5	< 0.2	1.95	2	170	< 0.5	< 2	0.85	0.5	15	24	27	3.81	< 10	< 1	0.07	< 10	0.63	1210
B-19	201	202	< 5	< 0.2	2.48	2	250	< 0.5	< 2	0.88	0.5	15	23	20	3.68	< 10	< 1	0.06	10	0.51	2160
B-20	201	202	< 5	0.4	2.60	6	260	0.5	< 2	0.97	0.5	9	22	31	3.21	< 10	< 1	0.07	10	0.42	835
B-21	201	202	< 5	< 0.2	2.81	< 2	390	0.5	2	1.05	0.5	13	24	26	3.85	< 10	< 1	0.06	10	0.48	2870
B-22	201	202	< 5	< 0.2	2.19	6	310	0.5	2	1.29	0.5	11	21	33	3.50	< 10	< 1	0.08	10	0.45	1470
B-23	201	202	< 5	< 0.2	1.87	< 2	230	< 0.5	< 2	0.94	0.5	11	21	19	3.31	< 10	< 1	0.06	10	0.40	735
B-24	201	202	< 5	< 0.2	2.76	8	420	0.5	< 2	1.36	0.5	19	25	32	5.43	< 10	< 1	0.08	30	0.46	5380
B-25	201	202	< 5	< 0.2	1.85	< 2	160	< 0.5	< 2	0.76	< 0.5	13	24	20	3.55	< 10	< 1	0.07	< 10	0.55	980
B-26	201	202	< 5	< 0.2	1.93	< 2	230	< 0.5	< 2	0.67	0.5	14	23	25	3.73	< 10	< 1	0.09	< 10	0.51	820

CERTIFICATION: Hart Buchler



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To: BATTLE MOUNTAIN CANADA

100 - 1285 W. PENDER ST.
VANCOUVER, BC
V6E 4B1

Project: BINE SILT
Comments: ATTN: GERRY BIDWELL CC: RALPH KEEFE

Page Number : 1-B
Total Pages : 1
Certificate Date: 21-OCT-96
Invoice No. : I9636350
P.O. Number :
Account : NOK

CERTIFICATE OF ANALYSIS

A9636350

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
B-1	201 202	1	0.01	30	1220	< 2	< 2	8	125	< 0.01	< 10	< 10	54	< 10	152
B-2	201 202	< 1	0.01	18	900	2	< 2	7	120	0.01	< 10	< 10	52	< 10	118
B-3	201 202	1	0.01	21	1190	< 2	< 2	8	148	0.01	< 10	< 10	44	< 10	104
B-4	201 202	< 1	0.01	20	1110	2	< 2	6	147	0.01	< 10	< 10	57	< 10	172
B-5	201 202	< 1	0.01	27	1600	2	< 2	9	160	0.01	< 10	< 10	62	< 10	172
B-6	201 202	< 1	0.01	20	990	4	< 2	7	124	0.01	< 10	< 10	53	< 10	130
B-7	201 202	< 1	0.01	14	700	2	< 2	7	137	< 0.01	< 10	< 10	51	< 10	114
B-8	201 202	< 1	0.01	18	690	< 2	< 2	8	168	0.03	< 10	< 10	70	< 10	106
B-9	201 202	< 1	0.01	17	690	2	2	7	154	0.04	< 10	< 10	72	< 10	102
B-10	201 202	1	0.01	18	870	2	4	7	154	0.01	< 10	< 10	56	< 10	172
B-11	201 202	1	0.01	18	940	< 2	2	7	148	0.01	< 10	< 10	55	< 10	190
B-12	201 202	1	0.01	18	1280	< 2	< 2	7	148	< 0.01	< 10	< 10	46	< 10	102
B-13	201 202	1	0.01	18	650	2	2	7	154	0.02	< 10	< 10	63	< 10	100
B-14	201 202	4	0.01	24	930	< 2	< 2	6	127	< 0.01	< 10	< 10	54	< 10	142
B-15	201 202	1	< 0.01	32	690	6	< 2	6	62	0.01	< 10	< 10	50	< 10	84
B-16	201 202	< 1	0.01	32	650	6	< 2	6	74	0.01	< 10	< 10	47	< 10	90
B-17	201 202	1	< 0.01	19	1020	< 2	< 2	5	63	< 0.01	< 10	< 10	60	< 10	100
B-18	201 202	1	0.01	19	690	2	< 2	7	97	0.06	< 10	< 10	79	< 10	134
B-19	201 202	1	0.01	19	720	2	4	7	125	0.03	< 10	< 10	67	< 10	152
B-20	201 202	< 1	0.01	18	1230	2	< 2	6	127	< 0.01	< 10	< 10	58	< 10	116
B-21	201 202	1	0.01	25	1170	< 2	< 2	8	154	0.01	< 10	< 10	57	< 10	152
B-22	201 202	< 1	0.01	24	1230	2	< 2	10	158	< 0.01	< 10	< 10	50	< 10	100
B-23	201 202	< 1	0.01	24	940	< 2	< 2	8	146	0.01	< 10	< 10	50	< 10	100
B-24	201 202	1	0.01	31	1120	< 2	6	11	162	< 0.01	< 10	< 10	67	< 10	110
B-25	201 202	1	0.01	17	640	2	< 2	7	86	0.06	< 10	< 10	80	< 10	122
B-26	201 202	< 1	0.01	21	620	< 2	< 2	7	135	0.03	< 10	< 10	72	< 10	102

CERTIFICATION:

Handwritten signature



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PHONE: 604-984-0221 FAX: 604-984-0218

To: BATTLE MOUNTAIN CANADA

100 - 1285 W. PENDER ST.
VANCOUVER, BC
V6E 4B1

Page Number : 1-A
Total Pages : 1
Certificate Date: 21-OCT-96
Invoice No. : 19636364
P.O. Number :
Account : NOK

Project : *ENG. B.M.S.*
Comments: ATTN: GERRY BIDWELL CC: RALPH KEEFE

* PLEASE NOTE

CERTIFICATE OF ANALYSIS A9636364

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
	FA+AA																				
<i>CP</i> - 19451	205	226	10	2.4	0.18	4	20	< 0.5	54	0.31	< 0.5	1	277	2230	0.68	< 10	< 1	0.06	< 10	0.04	90
" - 19452	205	226	10	4.8	0.76	12	80	< 0.5	140	0.27	< 0.5	6	241	3940	1.74	< 10	< 1	0.20	< 10	0.35	225
" - 19453	205	226	25	4.0	2.65	8	260	< 0.5	82	1.23	< 0.5	16	100	4320	4.07	10	< 1	0.76	< 10	1.36	495
" - 19454	205	226	10	1.0	3.20	< 2	50	< 0.5	2	1.27	< 0.5	42	41	1245	4.39	< 10	< 1	0.14	< 10	2.17	910
" - 19459	205	226	2290	8.6	2.24	22	180	< 0.5	Intf*	2.37	0.5	16	59	>10000	4.24	< 10	< 1	0.27	< 10	1.36	680
<i>BINE</i> - 19460	205	226	< 5	< 0.2	3.24	< 2	940	< 0.5	2	3.29	< 0.5	32	100	109	4.52	10	< 1	0.08	< 10	3.19	1700

CERTIFICATION:

Hart Bichler

* INTERFERENCES: Cu on Bi and P



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Page Number : 1-B
 Total Pages : 1
 Certificate Date: 21-OCT-96
 Invoice No. : I9636364
 P.O. Number :
 Account : NOK

Project : C.Q.
 Comments: ATTN: GERRY BIDWELL CC: RALPH KEEFE

* PLEASE NOTE

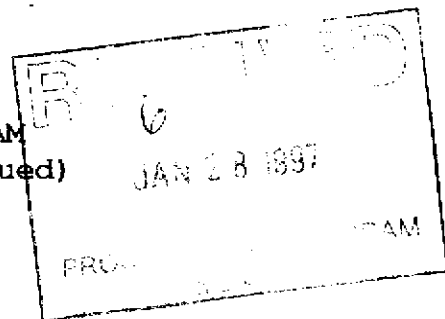
CERTIFICATE OF ANALYSIS	A9636364
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	SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
CP	19451	205 226	2	< 0.01	3	70	18	6	< 1	4	< 0.01	< 10	< 10	9	< 10	6
	19452	205 226	3	0.03	5	260	26	< 2	2	14	0.03	< 10	< 10	33	< 10	18
	19453	205 226	1	0.12	5	820	< 2	< 2	8	113	0.22	< 10	< 10	126	< 10	44
	19454	205 226	1	0.03	9	460	< 2	6	6	106	0.09	< 10	< 10	67	< 10	116
	19459	205 226	< 1	0.01	9	Intf*	36	< 2	2	80	< 0.01	< 10	< 10	26	< 10	62
BME	19460	205 226	< 1	0.15	105	1190	2	8	11	189	0.07	< 10	< 10	129	< 10	102

CERTIFICATION: Harold Bushler

* INTERFERENCES: Cu on Bi and P

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 & 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 Ralph Keefe Reference Number 96/97 P-6

LOCATION/COMMODITIES

Project Area (as listed in Part A) Tete Minfile # if applicable nil
Location of Project Area NTS 93M 1/E Lat 55 15' Long 126 11'
Description of Location and Access 31 km on the Jinx Road, from the Michelle Bay crossing on the E. side of Babine Lake, thence 11 km on the Hautete Rd, thence 5 1/2 km on the "Nac" road, thence 1 1/2 km on the highland main.
Main Commodities Searched For Au. & Cu. Porphyry.
Known Mineral Occurrences in Project Area - "Dot" - Cu property immediately adjacent to the West.

WORK PERFORMED

1. Conventional Prospecting (area) - regular rock prospecting for any visible outcrops - (11)
2. Geological Mapping (hectares/scale) - over claim area
3. Geochemical (type and no. of samples) - silt geochem - (1)
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 (if any) nil

Commodities _____ Claim Name _____
Location (show on map) Lat _____ Long _____ Elevation _____
Best assay/sample type _____

Description of mineralization, host rocks, anomalies - Porphyry float with Cu & Py over entire area. Outcrops visited were mainly barren porphyry & volcanic. Large gossan over 400 metres along road, appears to be glacial till. Approx. (8) samples taken along the NAC road to West on the adjacent property were all porphyry in place containing low Cu. & Py. sulphides similar to 3 samples of float on area. Property was originally staked upon the finding of mineralized porphyry during road construction. A 400 m. long gossan was also uncovered in till.

Supporting data must be submitted with this TECHNICAL REPORT.



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To: BATTLE MOUNTAIN CANADA

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V6E 4B1

Page Number : 1-A
Total Pages : 1
Certificate Date: 20-AUG-96
Invoice No. : I9627607
P.O. Number :
Account : NOK

Project : TETE
Comments : ATTN:G.BIDWELL CC:R.R.KEEFE

CERTIFICATE OF ANALYSIS

A9627607

SAMPLE	PREP CODE		Au ppb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
	FA+AA		ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
TETE - 21403	205	226	25	< 0.2	1.54	8	170	< 0.5	< 2	0.68	< 0.5	5	77	16	2.92	< 10	< 1	0.23	10	0.88	225
" - 21404	205	226	20	< 0.2	1.52	< 2	120	< 0.5	< 2	0.82	< 0.5	10	73	299	3.34	< 10	< 1	0.12	10	1.49	110
" - 21405	205	226	10	< 0.2	1.33	< 2	130	< 0.5	< 2	1.20	< 0.5	6	72	45	3.91	< 10	< 1	0.24	30	0.78	250
" - 21406	205	226	< 5	< 0.2	0.62	2	120	< 0.5	< 2	0.51	0.5	12	55	18	3.06	< 10	< 1	0.24	30	0.07	425
" - 21407	205	226	< 5	< 0.2	0.86	2	140	< 0.5	< 2	0.18	< 0.5	9	54	80	2.40	< 10	< 1	0.32	10	0.04	400
" - 21408	205	226	< 5	< 0.2	0.56	< 2	80	< 0.5	< 2	0.08	< 0.5	7	33	95	3.11	< 10	< 1	0.19	10	0.04	695
" - 21409	205	226	10	< 0.2	1.00	< 2	250	< 0.5	< 2	0.67	< 0.5	6	51	598	2.77	< 10	< 1	0.32	10	0.11	385
" - 21410	205	226	< 5	0.2	0.87	< 2	80	< 0.5	< 2	2.66	< 0.5	5	53	774	2.79	< 10	< 1	0.27	< 10	1.17	295
" - 21411	205	226	< 5	0.2	1.43	< 2	210	< 0.5	< 2	0.38	< 0.5	6	89	258	3.17	< 10	1	0.25	10	0.92	155
" - 21412	205	226	< 5	0.2	1.54	2	90	< 0.5	< 2	0.44	< 0.5	10	58	111	3.52	< 10	< 1	0.19	10	0.94	270
" - 21413	205	226	< 5	< 0.2	1.85	< 2	80	< 0.5	< 2	0.41	< 0.5	12	91	239	3.46	< 10	< 1	0.52	< 10	1.01	105
062p - 21414	205	226	< 5	< 0.2	1.05	< 2	40	1.5	< 2	1.35	< 0.5	5	60	12	1.91	< 10	< 1	0.19	40	0.48	435

CERTIFICATION: Hart Bichler



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To: BATTLE MOUNTAIN CANADA

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Page Number : 1-B
 Total Pages : 1
 Certificate Date: 20-AUG-96
 Invoice No. : I9627607
 P.O. Number :
 Account : NOK

Project : TETE
 Comments: ATTN:G.BIDWELL CC:R.R.KEEFE

CERTIFICATE OF ANALYSIS A9627607

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
TETE - 21403	205 226	3	0.10	8	920	6	< 2	5	42	0.12	< 10	< 10	61	< 10	56
" - 21404	205 226	3	0.06	21	1230	< 2	< 2	4	44	0.09	< 10	< 10	69	< 10	28
" - 21405	205 226	18	0.06	11	920	< 2	< 2	3	50	< 0.01	< 10	< 10	48	< 10	42
" - 21406	205 226	3	0.05	15	1080	2	< 2	1	23	< 0.01	< 10	< 10	23	< 10	284
" - 21407	205 226	1	0.06	9	1050	< 2	< 2	2	13	< 0.01	< 10	< 10	28	< 10	44
" - 21408	205 226	2	0.04	4	990	2	< 2	1	7	< 0.01	< 10	< 10	23	< 10	34
" - 21409	205 226	4	0.06	8	1110	< 2	< 2	2	36	< 0.01	< 10	< 10	34	< 10	48
" - 21410	205 226	1	0.05	9	1000	< 2	< 2	1	277	< 0.01	< 10	< 10	28	< 10	42
" - 21411	205 226	6	0.08	10	1040	2	< 2	3	32	0.02	< 10	< 10	52	< 10	50
" - 21412	205 226	6	0.05	11	1100	4	< 2	3	26	< 0.01	< 10	< 10	48	< 10	96
" - 21413	205 226	3	0.12	14	460	< 2	< 2	6	26	0.10	< 10	< 10	66	< 10	20
OBDF - 21414	205 226	1	0.07	4	330	12	< 2	2	23	0.01	< 10	< 10	23	< 10	86

CERTIFICATION: Hank Buchler



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To: BATTLE MOUNTAIN CANADA
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Project: TETE
 Comments: ATTN: G. BIDWELL

Page Number 1-A
 Total Pages 1
 Certificate Date 31-OCT-98
 Invoice No. A9637760
 P.O. Number
 Account

CERTIFICATE OF ANALYSIS A9637760

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA-AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
T-1	201/202	10	0.6	3.14	14	300	0.5	< 2	0.98	0.5	11	25	51	3.96	< 10	< 1	0.08	10	0.76	2280

CERTIFICATION: _____



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 212 Brooksbank Ave., North Vancouver
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To: BATTLE MOUNTAIN CANADA

100 - 1285 W. PENDER ST
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Project: TETE
 Comments: ATTN: G. BIDWELL

Page Number 1-B
 Total Pages 1
 Certificate Date 31-OCT-98
 Invoice No. A9637760
 P.O. Number
 Account

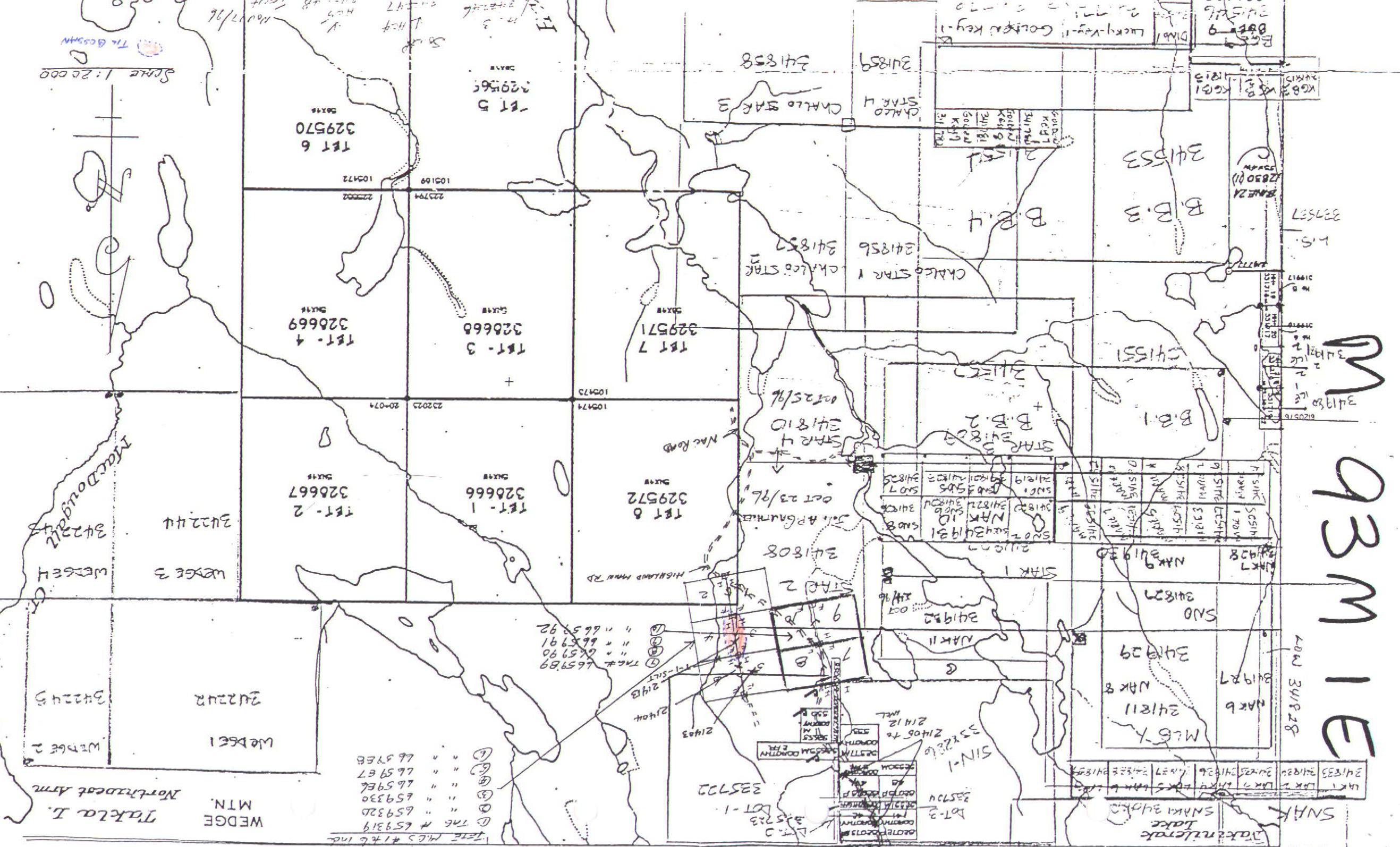
CERTIFICATE OF ANALYSIS

A9637760

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	T ppm	V ppm	W ppm	Zn ppm
M-1	201; 202	2	0.01	23	1070	10	< 2	12	76	0.01	< 10	< 10	62	< 10	136

CERTIFICATION: _____

M 93M1E



Yukon I. WEDGE MT. T. Northwest Arm

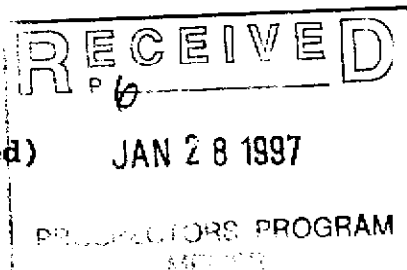
WEDGE MT. T.

(1) T.M. # 659319
 (2) T.M. # 659320
 (3) " " 659330
 (4) " " 659340
 (5) " " 659350
 (6) " " 659360
 (7) " " 659370
 (8) " " 659380
 (9) " " 659390
 (10) " " 659400
 (11) " " 659410
 (12) " " 659420
 (13) " " 659430
 (14) " " 659440
 (15) " " 659450
 (16) " " 659460
 (17) " " 659470
 (18) " " 659480
 (19) " " 659490
 (20) " " 659500

Scale 1:20000

Map 17/96

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 & 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 Ralph R. Keefe Reference Number 96/97 P-6

LOCATION/COMMODITIES

Project Area (as listed in Part A) O.G.D.P Minfile # if applicable nil
Location of Project Area NTS 93E,K,L,M Lat 53 -56 00' Long 124 15' -128
Description of Location and Access Majority of area's prospected were either E. of Babine Lake or North and West of same on the Nilkitwa access road N. of Smithers Landing.

Main Commodities Searched For Au, Cu, Porphyry & Epithermal

Known Mineral Occurrences in Project Area - numerous mines & known mineral deposits (of which all are porphyry in nature) Granisle, Bell, Morrison, Double R, Babs, Nak, Dorothy, Trail Peak, plus others.

WORK PERFORMED

1. Conventional Prospecting (area) - & silting of creeks
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 (if any) nil

Commodities _____ Claim Name _____
Location (show on map) Lat _____ Long _____ Elevation _____
Best assay/sample type _____

Description of mineralization, host rocks, anomalies - A total of 19 log blocks plus 6 new extension roads and haul roads were prospected this past season, only (6) assays were taken as majority of outcrops visited were all identifiable and lacking in sulphides. Further prospecting to be done upon the completion of winter logging in these areas.

Supporting data must be submitted with this TECHNICAL REPORT.



Chemex Labs Ltd.

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To: BATTLE MOUNTAIN CANADA

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Page Number : 17A
Total Pages : 1
Certificate Date: 23-OCT-96
Invoice No. : 19636362
P.O. Number :
Account : NOK

Project : BABINE DEV. PLAN
Comments: ATTN: GERRY BIDWELL CC: RALPH KEEFE

CERTIFICATE OF ANALYSIS A9636362

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
019458 - Res -	205 226	35	3.8	0.45	8	50	< 0.5	< 2	0.04	< 0.5	8	82	1145	6.11	< 10	< 1	0.26	< 10	0.03	40
021430	205 226	< 5	0.2	0.32	2	30	< 0.5	< 2	8.34	1.0	9	42	60	4.40	< 10	1	0.01	< 10	1.19	4640
021431	205 226	< 5	< 0.2	0.12	14	40	< 0.5	< 2	>15.00	< 0.5	< 1	3	14	0.14	< 10	< 1	< 0.01	< 10	0.01	560
021432	205 226	< 5	< 0.2	0.68	< 2	510	< 0.5	< 2	7.42	< 0.5	7	30	13	5.36	< 10	< 1	0.12	< 10	2.72	1150
021433	205 226	< 5	< 0.2	0.64	38	170	< 0.5	2	2.53	< 0.5	11	29	27	3.40	< 10	< 1	0.12	< 10	0.63	505

CERTIFICATION: _____

[Handwritten Signature]



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To: BATTLE MOUNTAIN CANADA

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 VANCOUVER, BC
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Project: BABINE DEV. PLAN
 Comments: ATTN: GERRY BIDWELL CC: RALPH KEEFE

Page Number : 1-B
 Total Pages : 1
 Certificate Date: 23-OCT-96
 Invoice No. : 19636362
 P.O. Number :
 Account : NOK

CERTIFICATE OF ANALYSIS

A9636362

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
019458 - Red -	205 226	25	0.03	< 1	180	< 2	< 2	< 1	3	< 0.01	< 10	< 10	1	< 10	6
021430	205 226	< 1	< 0.01	5	110	78	2	9	256	< 0.01	< 10	< 10	118	< 10	172
021431	205 226	< 1	< 0.01	< 1	10	16	2	< 1	78	< 0.01	< 10	< 10	< 1	< 10	2
021432	205 226	< 1	0.03	7	1050	4	< 2	10	196	< 0.01	< 10	< 10	58	< 10	144
021433	205 226	3	0.01	9	410	2	6	6	85	< 0.01	< 10	< 10	27	< 10	102

CERTIFICATION:

Hart Bickler



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V6E 4B1

Project: BABINE DEV. PLAN
Comments: ATTN: GERRY BIDWELL CC: RALPH KEEFE

Page Number : 1-A
Total Pages : 1
Certificate Date: 21-OCT-96
Invoice No. : I9636355
P.O. Number :
Account : NOK

CERTIFICATE OF ANALYSIS

A9636355

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
	FA+AA																				
021426	201	202	< 5	< 0.2	2.15	8	180	0.5	2	1.15	0.5	11	11	19	3.47	< 10	< 1	0.04	10	0.47	3750
021427	201	202	< 5	< 0.2	2.03	18	150	0.5	< 2	0.79	< 0.5	13	19	15	3.76	< 10	< 1	0.06	10	0.70	1235
021429	201	202	< 5	< 0.2	2.06	14	230	0.5	2	0.61	0.5	11	11	23	3.58	< 10	< 1	0.05	10	0.32	1605

*MR -
O&P*

CERTIFICATION:

Hart Bichler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: BATTLE MOUNTAIN CANADA

100 - 1285 W. PENDER ST.
VANCOUVER, BC
V6E 4B1

Project: BABINE DEV. PLAN
Comments: ATTN: GERRY BIDWELL CC: RALPH KEEFE

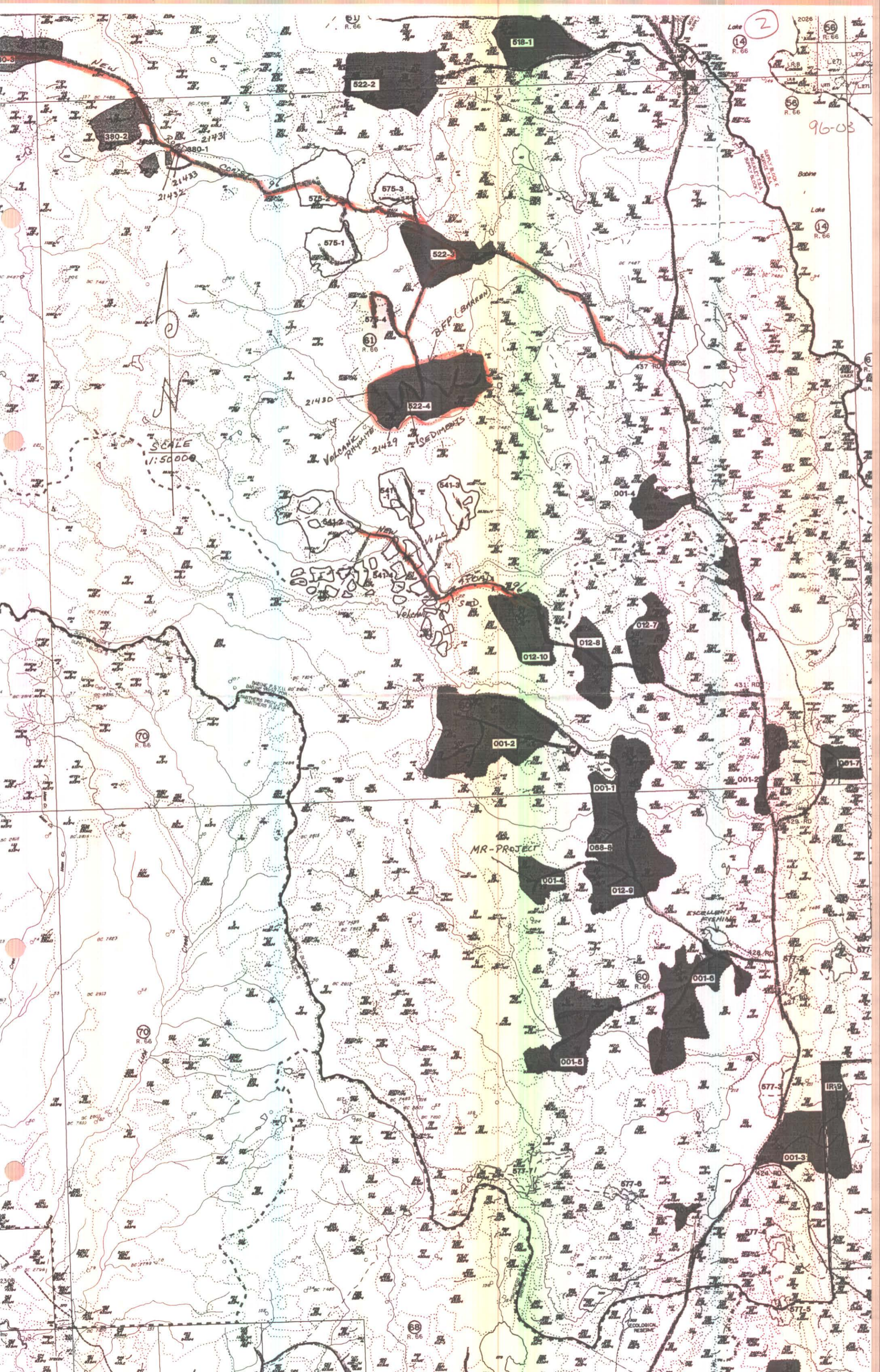
Page Number : 1-B
Total Pages : 1
Certificate Date: 21-OCT-96
Invoice No. : I9636355
P.O. Number :
Account : NOK

CERTIFICATE OF ANALYSIS

A9636355

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
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<i>201</i> - 021427	201	202	< 1	0.02	16	1160	4	4	6	81	0.07	< 10	< 10	66	< 10	92
<i>201</i> - 021429	201	202	1	< 0.01	11	800	6	< 2	5	64	0.03	< 10	< 10	50	< 10	94

CERTIFICATION: Hart Buchler



2026
58
R. 66
L. 66
L. 66
L. 66
96-03

SCALE
1:50000

MR-PROJECT

EXCELLENT FISHING

ECOLOGICAL RESERVE

2
14
R. 66

70
R. 66

70
R. 66

68
R. 66

FL A-49479
CP 394

394-5
394-4
394-3
394-2
394-1

M39
VOLCANO
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NEW ROAD
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692-9
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R. 66

SCALE
1:50000

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MT MORETS

486 ROAD

C10
C8

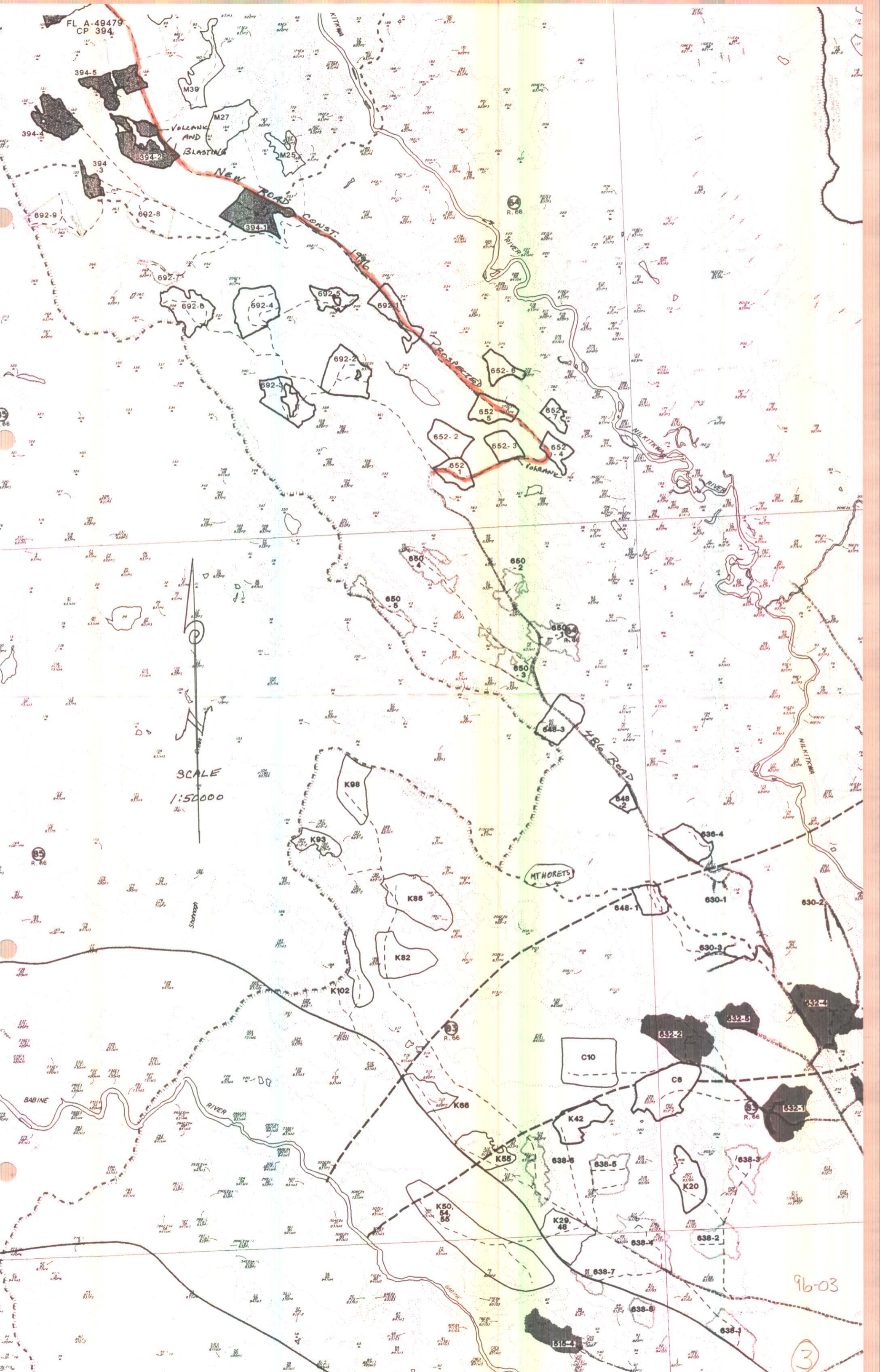
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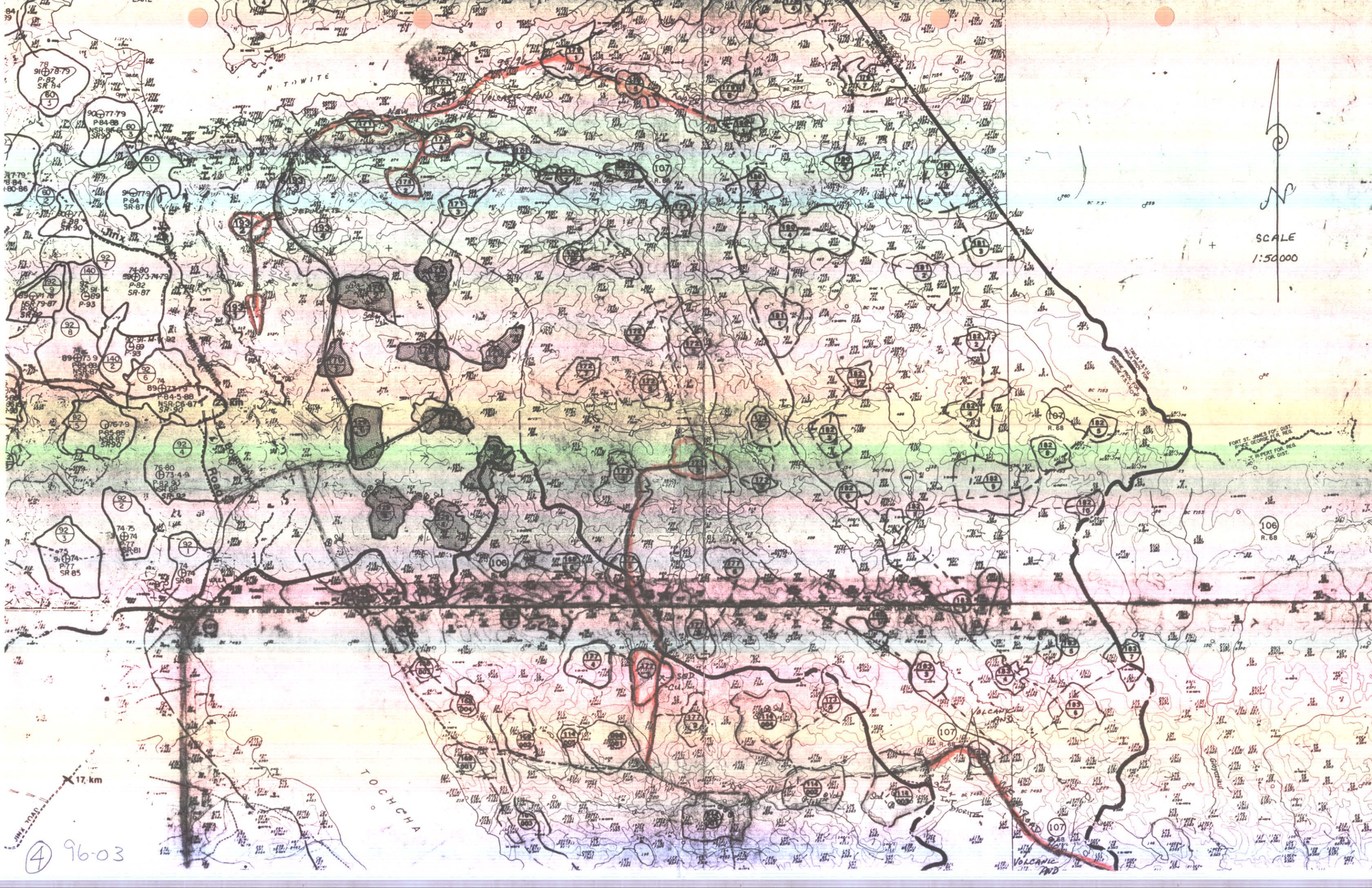
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96-03

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SCALE
1:50000

17 km

④ 96-03

78
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P-82
SR-84
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90(77-79)
P-84-88
NSR-85-89
SR-90
(60)
3

90(77-79)
P-84
SR-87
(60)
3

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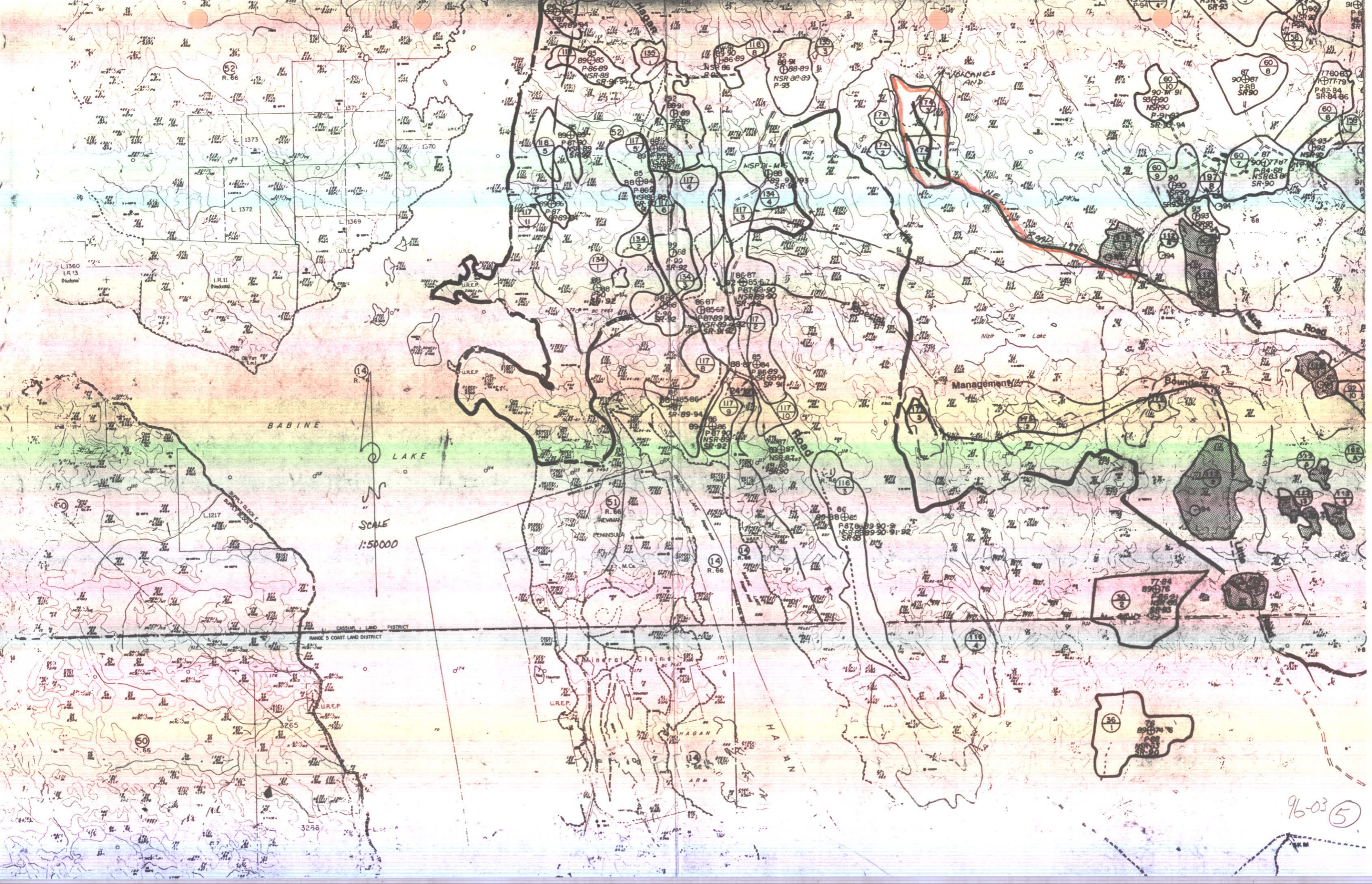
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SR-81
(92)
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SR-81
(92)
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BABINE

LAKE

SCALE
1:50000

CASSIAR LAND DISTRICT
RANGE 5 COAST LAND DISTRICT

Mineral Claims

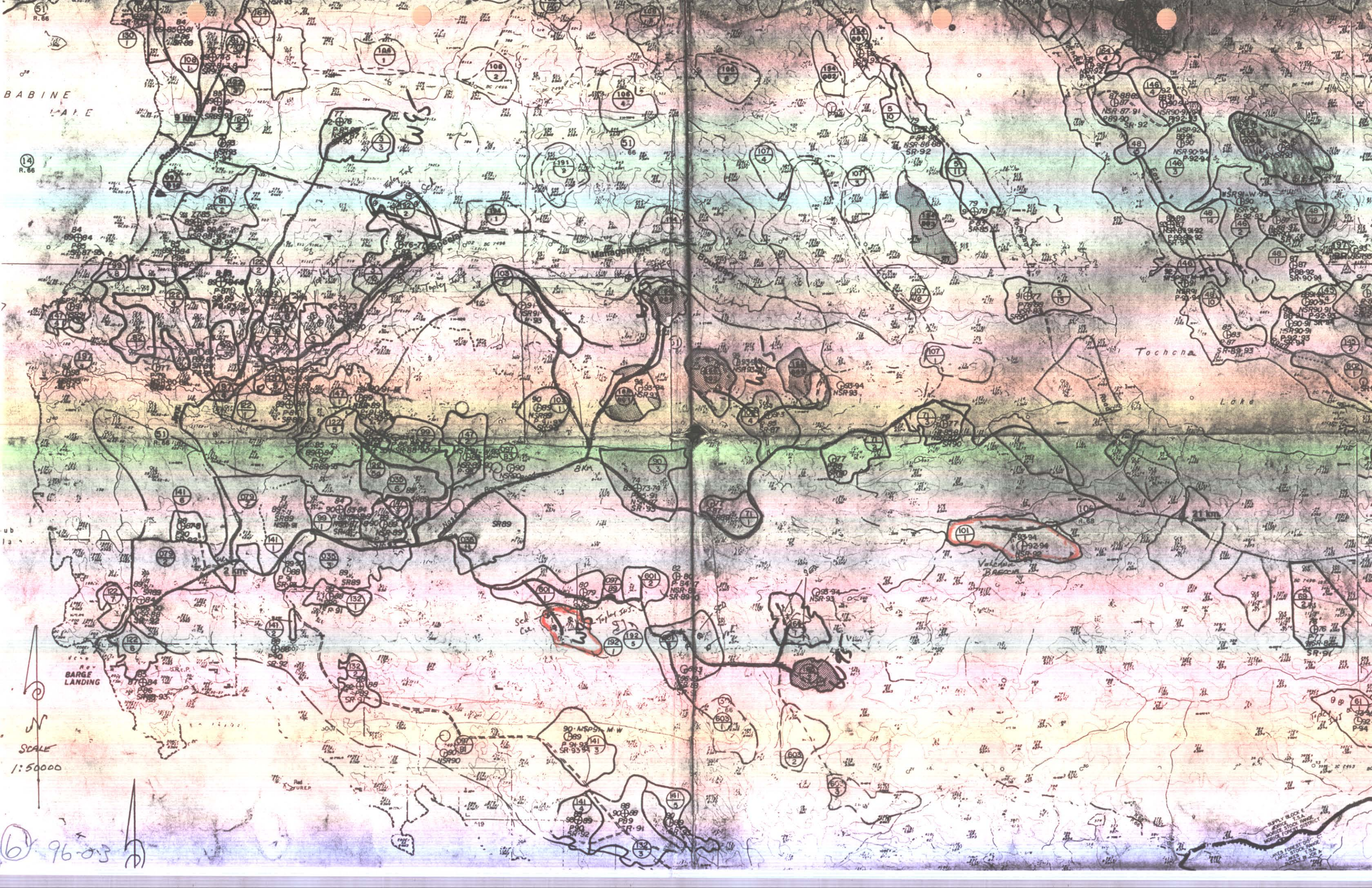
HAGAN

HAGAN

Management

Boundary

96-03 (5)



BABINE LAKE

14 R. 66

SCALE 1:50000

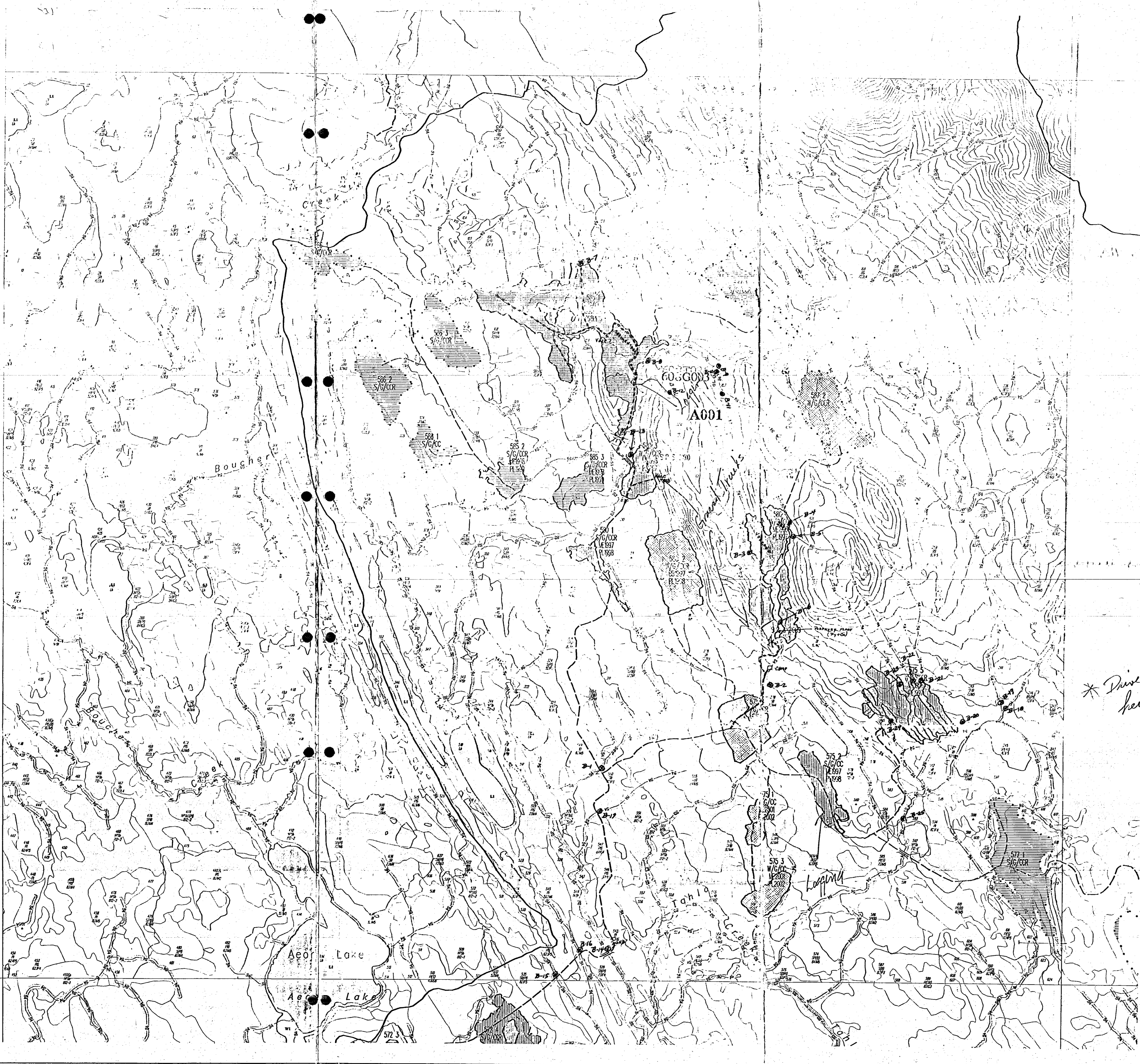
96-03

Tochna Lake

Management Boundary

BARGE LANDING

APPX BLOCK 6
ADJACENT STOCK RANGE
HORSE FOREST DISTRICT
ADJACENT STOCK RANGE
ADJACENT STOCK RANGE
ADJACENT STOCK RANGE



Western Forestry
 093M048
 Project T.S.A. 20
 Forest Development Plan Map
 A14827

Crossed Harvest Blocks

1000	[Symbol]
1500	[Symbol]
2000	[Symbol]
2500	[Symbol]
3000	[Symbol]

Proposed Roads

1000	[Symbol]
1500	[Symbol]
2000	[Symbol]
2500	[Symbol]
3000	[Symbol]

Other Proposed Roads

Block and Description

1000	[Symbol]
1500	[Symbol]
2000	[Symbol]
2500	[Symbol]
3000	[Symbol]

Block Boundaries

1000	[Symbol]
1500	[Symbol]
2000	[Symbol]
2500	[Symbol]
3000	[Symbol]

Inventory and Constraints

1000	[Symbol]
1500	[Symbol]
2000	[Symbol]
2500	[Symbol]
3000	[Symbol]

Cartography

1000	[Symbol]
1500	[Symbol]
2000	[Symbol]
2500	[Symbol]
3000	[Symbol]

Block Features

1000	[Symbol]
1500	[Symbol]
2000	[Symbol]
2500	[Symbol]
3000	[Symbol]

Block Label

EXAMPLE
 069 006
 S/G/CR
 AC 1995
 PL 1997
 DI 1998

DESCRIPTION

Forest Block
 Growth/Management Method/Substructure System
 Site Preparation - Site Preparation Year
 Planting - Planting Year
 Stand Tracking - Stand Tracking Year
 Access - A = Summer B = Winter
 Harvest Method
 A = Harvest C = Cable D = Ground
 Substructure System
 CC = Conventional Clearcut
 CCW = Clearcut with Reserves
 SR = Substructure
 SRW = Substructure

DATA PROJECT

Western Forestry Information Systems Inc.

SCALE 1:20000
 1 cm = 200 metres

Date From: August 28, 1998

96-03 (7)

* Drive to here

THAUTIL PROJECT

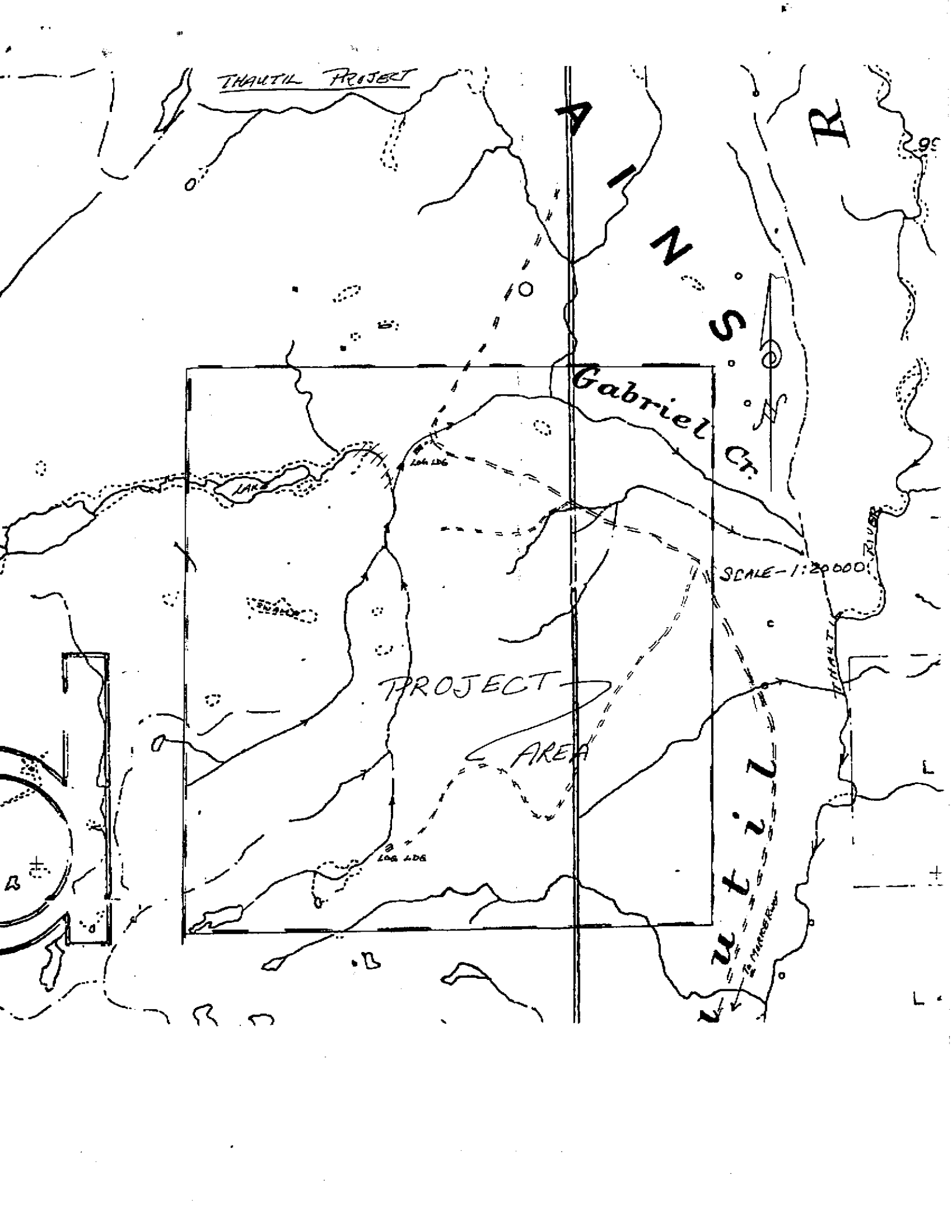
A
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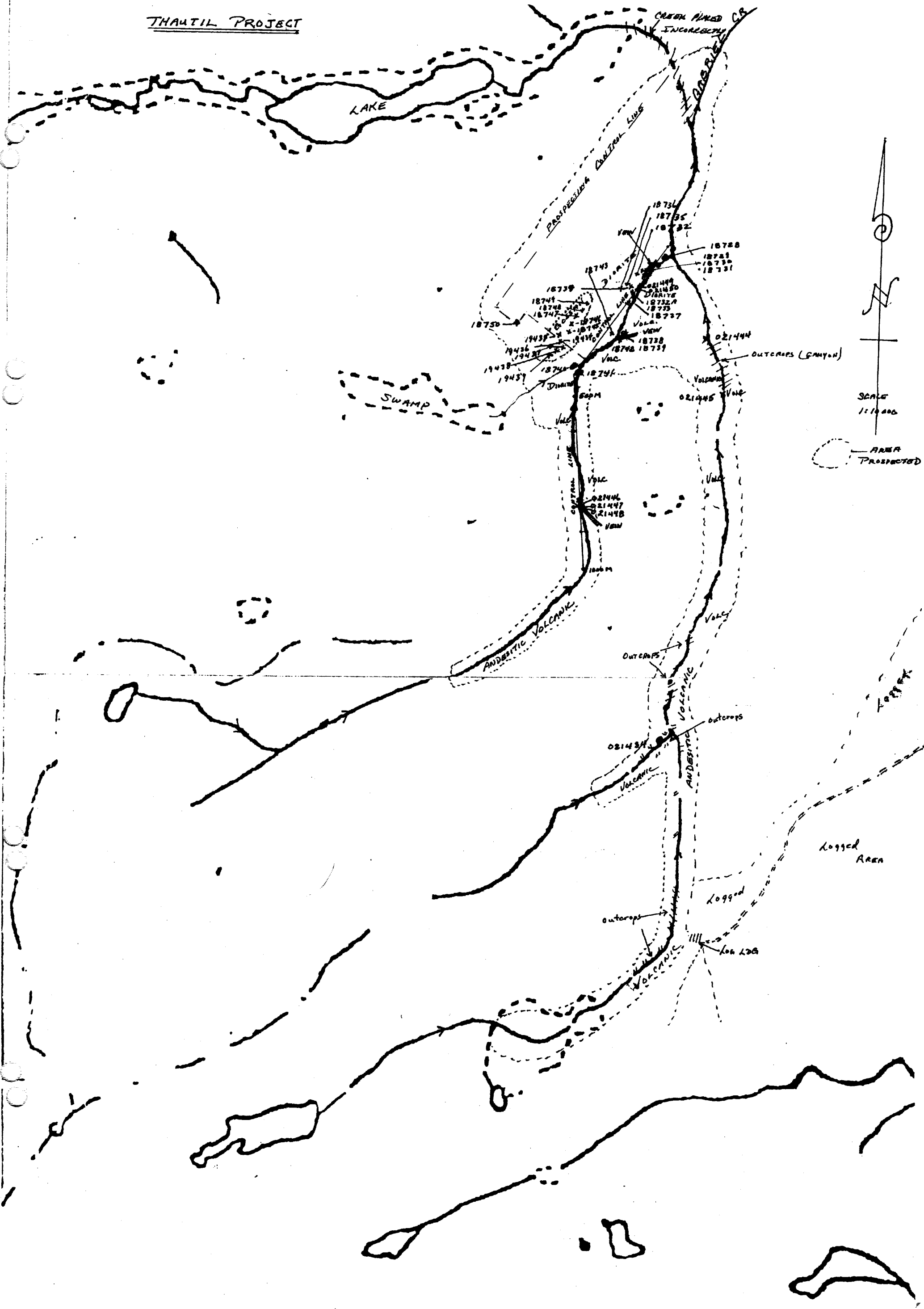
SCALE - 1:20000

PROJECT
AREA

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THAUTIL PROJECT





Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

To: HEMLO GOLD MINES INC.

100 - 1285 W. PENDER ST.
 VANCOUVER, BC
 V6E 4B1

Project: THAUTIL
 Comments: ATTN: GERRY BIDWELL

Page Number : 1-A
 Total Pages : 1
 Certificate Date: 09-JUL-96
 Invoice No. : 19622727
 P.O. Number :
 Account : NOK

* PLEASE NOTE

CERTIFICATE OF ANALYSIS A9622727

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
THAUTIL-18729	205 226	< 5	0.2	1.32	140	60	< 0.5	< 2	0.71	0.5	20	88	306	3.13	< 10	< 1	0.14	< 10	0.94	495
"-18730	205 226	5	0.6	1.70	130	40	< 0.5	< 2	0.45	0.5	56	103	1545	3.89	< 10	1	0.13	< 10	0.95	985
"-18731	205 226	< 5	< 0.2	1.51	20	60	< 0.5	2	0.69	0.5	35	136	87	3.61	< 10	1	0.12	< 10	1.06	595
"-18732	205 226	< 5	0.2	1.56	40	50	< 0.5	< 2	0.26	< 0.5	24	148	138	4.04	< 10	< 1	0.13	< 10	0.91	580
"-18733	205 226	25	8.4	2.16	44	40	< 0.5	14	1.79	0.5	27	119	8080	5.56	< 10	< 1	0.23	< 10	0.90	1180
"-18734	205 226	50	8.2	1.93	188	70	< 0.5	72	0.15	< 0.5	47	86	1380	13.05	< 10	< 1	0.27	< 10	0.49	1065
"-18735	205 226	< 5	< 0.2	1.34	6	40	< 0.5	< 2	0.68	< 0.5	11	124	55	3.60	< 10	1	0.09	< 10	0.85	685
"-18736	205 226	< 5	< 0.2	1.73	8	50	< 0.5	2	0.87	< 0.5	13	141	31	4.11	< 10	1	0.12	< 10	1.04	965
"-18737	205 226	< 5	< 0.2	1.28	10	50	< 0.5	< 2	1.06	< 0.5	12	120	46	2.94	< 10	< 1	0.10	< 10	0.79	470
"-18738	205 226	550	154.5	2.54	1115	< 10	< 0.5	Intf*	0.09	2.5	87	89	>10000	>15.00	< 10	1	0.19	< 10	0.63	2870
"-18739	205 226	< 5	1.0	1.26	6	50	< 0.5	< 2	0.69	0.5	14	112	793	3.07	< 10	< 1	0.07	< 10	0.76	600
"-18742	205 226	110	56.2	3.06	792	< 10	< 0.5	Intf*	0.10	0.5	126	< 1	>10000	>15.00	< 10	3	0.07	< 10	0.72	1210
"-18743	205 226	< 5	0.2	1.63	20	50	< 0.5	< 2	0.33	< 0.5	25	67	136	3.73	< 10	< 1	0.07	< 10	0.98	605
"-18744	205 226	< 5	0.6	1.54	16	40	< 0.5	2	0.18	< 0.5	27	94	268	3.98	< 10	< 1	0.10	< 10	0.88	1130
"-18745	205 226	< 5	0.6	1.58	26	40	< 0.5	6	0.33	0.5	46	90	381	4.06	< 10	< 1	0.18	< 10	0.79	1615
"-18746	205 226	< 5	0.2	1.64	32	70	< 0.5	< 2	0.30	< 0.5	27	76	273	4.02	< 10	< 1	0.10	< 10	1.05	550
"-18747	205 226	< 5	< 0.2	1.98	14	60	< 0.5	< 2	0.28	< 0.5	11	110	285	3.55	< 10	< 1	0.26	< 10	0.92	2510
"-18748	205 226	< 5	< 0.2	1.33	18	60	< 0.5	< 2	0.44	< 0.5	23	107	17	2.71	< 10	< 1	0.07	< 10	0.90	540
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"-19434	205 226	< 5	0.6	0.99	88	130	< 0.5	< 2	0.10	< 0.5	25	111	12	3.23	< 10	< 1	0.13	< 10	0.61	350
"-19435	205 226	< 5	< 0.2	1.37	14	40	< 0.5	< 2	0.23	< 0.5	19	126	4	2.80	< 10	< 1	0.08	< 10	0.93	465
"-19436	205 226	< 5	0.2	1.07	32	70	< 0.5	< 2	0.27	0.5	19	135	43	2.67	< 10	< 1	0.13	< 10	0.74	495
"-19437	205 226	< 5	< 0.2	1.43	2	40	< 0.5	< 2	0.43	0.5	18	119	435	3.21	< 10	< 1	0.11	< 10	0.91	715
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"-18432A	205 226	< 5	0.2	1.37	32	30	< 0.5	< 2	2.00	< 0.5	31	91	684	3.38	< 10	3	0.18	< 10	0.72	750

CERTIFICATION: Hart Bickler

* INTERFERENCE: Cu on Bi and P



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: HEMLO GOLD MINES INC.

100 - 1285 W. PENDER ST.
VANCOUVER, BC
V6E 4B1

Project: THAUTIL
Comments: ATTN: GERRY BIDWELL

Page Number : 1-B
Total Pages : 1
Certificate Date: 09-JUL-96
Invoice No. : 19622727
P.O. Number :
Account : NOK

* PLEASE NOTE

CERTIFICATE OF ANALYSIS A9622727

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
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"-18730	205	226	5	0.04	8	580	24	< 2	6	7	0.01	< 10	< 10	69	< 10	126
"-18731	205	226	2	0.05	5	570	2	< 2	7	13	0.06	< 10	< 10	78	< 10	84
"-18732	205	226	3	0.04	6	610	2	< 2	8	7	0.11	< 10	< 10	82	< 10	92
"-18733	205	226	1	0.01	6	600	4	< 2	4	10	< 0.01	< 10	< 10	30	< 10	138
"-18734	205	226	40	< 0.01	3	600	6	< 2	1	2	< 0.01	< 10	< 10	35	10	90
"-18735	205	226	5	0.06	8	640	< 2	< 2	6	18	0.12	< 10	< 10	115	< 10	72
"-18736	205	226	2	0.05	5	570	8	< 2	8	14	0.09	< 10	< 10	85	< 10	134
"-18737	205	226	< 1	0.05	4	520	2	< 2	6	16	0.08	< 10	< 10	76	< 10	66
"-18738	205	226	21	< 0.01	12	Intf*	192	< 2	4	1	< 0.01	< 10	< 10	29	< 10	402
"-18739	205	226	1	0.05	5	520	6	< 2	6	18	0.10	< 10	< 10	79	< 10	294
"-18742	205	226	12	< 0.01	23	Intf*	122	6	4	19	0.03	< 10	10	44	< 10	32
"-18743	205	226	1	0.05	4	850	6	< 2	6	8	0.04	< 10	< 10	87	< 10	58
"-18744	205	226	1	0.04	5	560	6	< 2	5	6	0.05	< 10	< 10	58	< 10	104
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"-19438	205	226	4	0.06	5	460	8	< 2	2	5	< 0.01	< 10	< 10	39	< 10	86
"-19439	205	226	3	0.04	3	400	6	< 2	3	3	0.01	< 10	< 10	39	< 10	50
"-18432A	205	226	< 1	0.03	6	570	2	< 2	4	14	< 0.01	< 10	< 10	26	< 10	88

CERTIFICATION:

[Handwritten Signature]

* INTERFERENCE: Cu on Bi and P



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: BATTLE MOUNTAIN CANADA

100 - 1285 W. PENDER ST.
VANCOUVER, BC
V6E 4B1

Project: THAUTIL- SILT
Comments: ATTN: GERRY BIDWELL CC: RALPH KEEFE

Page Number :1-A
Total Pages :1
Certificate Date: 21-OCT-96
Invoice No. :I9636356
P.O. Number :
Account :NOK

CERTIFICATE OF ANALYSIS

A9636356

SAMPLE	PREP CODE		Au ppb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
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THAUTIL - 021434 - SILTS	201	202	25	< 0.2	2.94	2	110	< 0.5	2	0.77	0.5	18	23	64	4.04	< 10	< 1	0.07	10	1.19	1735
" - 021444 - "	201	202	< 5	< 0.2	2.73	2	140	< 0.5	2	0.97	0.5	15	28	36	3.88	< 10	< 1	0.06	10	1.03	1850
" - 021445 - "	201	202	< 5	< 0.2	3.13	< 2	180	< 0.5	2	1.05	0.5	19	28	46	4.15	< 10	< 1	0.06	10	1.08	2630

CERTIFICATION: Haut Becker



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: BATTLE MOUNTAIN CANADA

100 - 1285 W. PENDER ST.
VANCOUVER, BC
V6E 4B1

Page Number : 1-B
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Project : THAUTIL- SILT
Comments: ATTN: GERRY BIDWELL CC: RALPH KEEFE

CERTIFICATE OF ANALYSIS

A9636356

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
THAUTIL - 021434 - SILTS	201	202	< 1	< 0.01	12	880	8	6	9	60	0.02	< 10	< 10	78	< 10	222
" - 021444 "	201	202	< 1	0.01	15	810	< 2	< 2	9	75	0.05	< 10	< 10	88	< 10	186
" - 021445 "	201	202	< 1	0.01	14	930	4	< 2	10	82	0.04	< 10	< 10	87	< 10	228

CERTIFICATION:

Hart Buchler



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

To: BATTLE MOUNTAIN CANADA

100 - 1285 W. PENDER ST.
 VANCOUVER, BC
 V6E 4B1

Page Number : 1-A
 Total Pages : 1
 Certificate Date: 22-OCT-96
 Invoice No. : 19636365
 P.O. Number :
 Account : NOK

Project : THAUTIL
 Comments: ATTN: GERRY BIDWELL CC: RALPH KEEFE ✓

CERTIFICATE OF ANALYSIS

A9636365

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
	FA+AA																				
THAUTIL - 021446	205	226	25	2.2	3.22	170	10	< 0.5	12	0.34	< 0.5	246	83	242	14.70	10	< 1	0.05	< 10	1.52	4510
" - 021447	205	226	100	1.2	5.65	226	30	< 0.5	12	0.11	< 0.5	341	44	105	>15.00	20	< 1	0.15	10	2.04	6240
" - 021448	205	226	190	10.2	0.83	274	< 10	< 0.5	22	0.28	16.0	165	201	228	>15.00	< 10	< 1	0.21	< 10	0.10	320
" - 021449	205	226	10	17.6	1.50	46	40	< 0.5	36	4.79	1.0	21	78	3780	4.12	< 10	< 1	0.21	< 10	0.59	2150
" - 021450	205	226	65	12.8	0.88	246	30	< 0.5	18	1.01	1.5	78	62	3910	8.16	< 10	< 1	0.19	< 10	0.31	490

CERTIFICATION:

[Signature]



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: BATTLE MOUNTAIN CANADA

100 - 1285 W. PENDER ST.
VANCOUVER, BC
V6E 4B1

Project: THAUTIL
Comments: ATTN: GERRY BIDWELL CC: RALPH KEEFE

Page Number : 1-B
Total Pages : 1
Certificate Date: 22-OCT-96
Invoice No. : 19636365
P.O. Number :
Account : NOK

CERTIFICATE OF ANALYSIS

A9636365

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
THAUTIL - 021446	205 226	1	< 0.01	3	340	126	< 2	1	35	0.03	< 10	< 10	30	10	288
- 021447	205 226	4	< 0.01	9	540	< 2	< 2	11	< 1	< 0.01	< 10	< 10	112	< 10	350
* - 021448	205 226	2	< 0.01	2	60	698	< 2	< 1	52	< 0.01	< 10	< 10	16	10	800
" - 021449	205 226	5	< 0.01	3	370	30	< 2	1	22	< 0.01	< 10	< 10	16	< 10	182
- 021450	205 226	32	< 0.01	5	450	22	< 2	< 1	4	< 0.01	< 10	< 10	9	< 10	132

CERTIFICATION: _____



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221 FAX: 604-984-0218

To: HEMLO GOLD MINES INC.

100 - 1285 W. PENDER ST.
 VANCOUVER, BC
 V6E 4B1

Project: THAUTIL
 Comments: ATTN: GERRY BIDWELL

Page Number: -A
 Total Pages: 1
 Certificate Date: 09-JUL-96
 Invoice No.: 19622724
 P.O. Number:
 Account: NOK

CERTIFICATE OF ANALYSIS

A9622724

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
	FA+AA																				
THAUTIL- 18728	201	202	90	0.2	2.27	24	170	< 0.5	< 2	0.87	0.5	23	27	103	4.15	< 10	< 1	0.09	< 10	1.08	1525
" - 18740	201	202	< 5	< 0.2	2.09	8	200	< 0.5	< 2	0.84	1.0	19	25	53	3.80	< 10	< 1	0.08	< 10	1.14	2220
" - 18741	201	202	5	< 0.2	2.17	10	170	< 0.5	< 2	0.84	0.5	17	26	48	3.83	< 10	< 1	0.08	< 10	1.06	1590

CERTIFICATION: _____



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

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To: HEMLO GOLD MINES INC.

100 - 1285 W. PENDER ST.
VANCOUVER, BC
V6E 4B1

Project : THAUTIL
Comments: ATTN: GERRY BIDWELL

Page Number : 8
Total Pages : 11
Certificate Date: 09-JUL-96
Invoice No. : 19622724
P.O. Number :
Account : NOK

CERTIFICATE OF ANALYSIS

A9622724

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
THAUTIL - 18728	201	202	< 1	0.01	14	730	14	< 2	8	47	0.04	< 10	< 10	82	< 10	206
" - 18740	201	202	< 1	< 0.01	12	720	12	< 2	7	53	0.05	< 10	< 10	83	< 10	190
" - 18741	201	202	< 1	0.01	14	750	10	< 2	9	47	0.03	< 10	< 10	77	< 10	172

CERTIFICATION: _____