

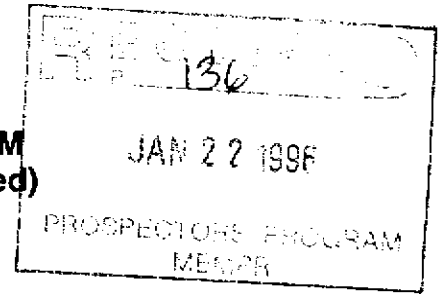
**BRITISH COLUMBIA**  
**PROSPECTORS ASSISTANCE PROGRAM**  
**MINISTRY OF ENERGY AND MINES**  
**GEOLOGICAL SURVEY BRANCH**

PROGRAM YEAR: 1995/1996

REPORT #: PAP 95-53

NAME: DAN ETHIER

**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 DAN ETHIER Reference Number \_\_\_\_\_

**LOCATION/COMMODITIES**

Project Area (as listed in Part A) BARDICK CREEK MINFILE No. if applicable -

Location of Project Area NTS 93 M 4W, 5W Lat 50° 14' Long 127° 52'

Description of Location and Access from Hazelton on Keeyow Valley Rd, to Kitwanga Rd to Bardick Main to 12 KM, area of interest is 4 KM north and 4 KM east

Main Commodities Searched For Copper Gold.

Known Mineral Occurrences in Project Area Pb, Zn, Ag Keyton Lake area

**WORK PERFORMED**

1. Conventional Prospecting (area) 27KM road; 14KM bush; Zone in 16KM<sup>2</sup>
2. Geological Mapping (hectares/scale) new info ~ 12KM<sup>2</sup> at 1:20,000
3. Geochemical (type and no. of samples) rock 32; stream sed 2; soils 44
4. Geophysical (type and line km) none
5. Physical Work (type and amount) 2 mandays staking
6. Drilling (no., holes, size, depth in m, total m) -
7. Other (specify) -

**SIGNIFICANT RESULTS**

Commodities Cu Au Claim Name KEY, KEY 1-14

Location (show on map) Lat 50° 14' Long 127° 52' Elevation 3,000 ft

Best assay/sample type 5200 ppb Au 0.22% Cu / float rock  
7.4 ppm Ag 0.9373% Cu / outcrop

Description of mineralization, host rocks, anomalies  
Contact zone of Bulkley intrusives with Bowen sediments  
py, pyr, chalcopyr at contact  
Porphyry Cu deposit, intrusives contain 3% sulfides py, cpy  
dyke controlled, intense alteration of intrusive 75%  
sulfides re: Lichen Show  
Seds contain minor Pb, Zn.

EXTENSION  
KEY 1-14

Key 1-14  
332510-523

KEY KEY

332522 332523

KEY KEY

332523 332524

KEY KEY

332516 332517

KEY KEY

332511 332512

KEY KEY

332514 332515

KEY KEY

332510 332511

KEY KEY

B.O. 2 8263(4)	B.O. 3 8266(4)
B.O. 1 8264(4)	B.O. 4 8267(4)
C	

BLUE BEARD 1  
110965

BLUE BEARD 2  
10966

Keynton

Cr.

Keynton  
Lake

Burdick

RE 136

JAN 22 1998

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L1612

A12261

L1618

L1620

L 2925

L 2924

L 2148

L 2927

L 2926

A 12261

L 618

L 633 C<sub>T</sub>

L 2389

IR

74

L 817

L 741

L 812

L 738

L 816

L 815

L 739

L 2397

M 4 E

COMP: ETHIER EXPLORATIONS  
 PROJ:  
 ATTN: DAN ETHIER

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

FILE NO: 55-0207-R  
 DATE: 96/8  
 \* rock \* (ACT)

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 %	NM PPM	NO PPM	NA %	NJ PPM	P PPM	PB PPM	SB PPM	SN PPM	SR PPM	TH PPM	Tl %	U PPM	V PPM	W PPM	ZN PPM	AU PPM	P
95DE 2001	2.3	2.49	1	53	6.8	97	.83	.1	79	41	579	>15.00	1	.08	21	1.23	284	1	.01	75	1800	135	1	1	1	1	.02	1	84.9	239	89	6	
95DE 2002	6.0	2.50	1	53	4.4	6	1.72	.1	63	16	635	12.71	1	.12	9	.62	145	1	.15	40	410	94	1	1	82	1	.05	1	44.1	4	46	3	
95DE 2003	8.2	.59	19	43	5.6	17	1.10	.1	69	37	1238	>15.00	1	.12	6	.37	79	1	.01	52	3300	152	1	1	1	1	.01	1	28.9	3	49	3	
95DE 2005	1.3	2.01	1	41	4.0	21	.39	.1	38	40	393	10.89	1	.10	20	1.57	515	1	.03	33	490	82	1	1	1	1	.01	1	45.1	1	105	5	
95DE 2006	.4	.51	1	160	.9	5	.59	.1	8	185	28	2.09	1	.09	4	.16	421	1	.01	16	300	25	1	1	10	1	.01	1	7.7	9	36		
95DE 2007	1.7	.68	1	208	1.1	11	.73	.1	9	89	53	2.53	3	.23	6	.68	144	2	.06	9	1010	23	1	1	27	1	.12	1	43.0	8	44		
95DE 2008	2.5	1.29	1	47	5.3	22	.85	.1	90	14	2100	>15.00	1	.17	11	1.17	116	1	.01	49	2610	133	1	1	1	1	.01	1	41.8	1	64		
95DE 2012	3.2	1.42	1	48	5.8	15	1.21	.1	77	10	1916	>15.00	1	.07	17	.88	163	1	.02	51	3280	150	1	1	1	1	.01	1	47.1	1	57		
95DE 2013	2.5	.96	1	45	6.3	17	.38	.1	69	4	2066	>15.00	1	.07	10	.47	29	1	.02	50	670	66	1	1	1	1	.01	1	31.0	1	50		
95DE 2014	1.9	.58	1	44	5.0	25	.28	.1	63	11	665	>15.00	1	.15	3	.29	14	1	.02	39	1360	122	1	1	1	1	.01	1	29.4	1	33		
95DE 2015	1.6	1.93	1	121	2.1	11	3.22	.1	17	65	180	4.43	1	.13	14	1.63	451	1	.17	18	1730	31	1	1	118	1	.08	1	105.5	4	44		
95DE 2016	2.7	.71	1	38	6.1	23	.17	.1	57	1	663	>15.00	1	.09	4	.40	1	1	.01	57	990	108	1	1	1	1	.01	1	30.5	1	45		
95DE 2017	1.8	1.61	1	61	4.9	11	.66	.1	59	105	946	13.49	1	.25	14	1.58	245	1	.01	88	1100	100	1	1	1	1	.01	1	45.3	2	57		
95DE 2018	3.1	.47	40	47	6.3	19	.86	.1	54	1	703	>15.00	1	.12	6	.60	241	1	.01	54	2540	183	1	1	1	1	.01	1	28.8	1	50		
95DE 2019	.1	.58	1	67	5.2	13	.71	.1	21	1	323	>15.00	1	.17	35	.28	1019	1	.01	41	1440	116	27	1	1	1	.01	1	45.4	1	213		
95DE 2020	2.0	.45	39	47	5.2	21	.55	.1	33	10	636	>15.00	1	.12	3	.12	1	1	.02	41	2540	131	1	1	1	1	.01	1	29.3	1	36		
95DE 2021	1.8	.66	1	47	6.4	26	.68	.1	37	1	229	>15.00	1	.07	8	.18	261	1	.02	53	3140	168	1	1	1	1	.01	1	74.6	1	58		
95DE 2030	.1	.66	1	96	7.0	19	1.59	.1	28	1	317	>15.00	1	.20	13	.55	2969	1	.01	51	5790	145	84	1	15	1	.01	1	41.7	1	190		
95DE 2031	2.1	.43	427	118	2.2	10	3.47	11.0	17	65	204	5.35	1	.35	2	.59	868	1	.01	23	1240	56	49	1	104	1	.01	1	11.0	5	2882		
95DE 2032	.1	.16	1	120	.9	5	.19	.1	6	96	18	2.22	1	.11	2	.06	1117	1	.01	12	100	20	3	1	4	1	.01	1	5.3	5	42		
95DE 2033	7.5	.57	764	72	2.7	9	2.81	43.8	22	83	569	7.40	1	.23	3	.69	640	1	.03	27	390	82	180	1	99	1	.01	1	18.4	7	4775	7	
95DE 2034	.4	2.84	1	63	6.0	22	1.66	.1	38	1	425	>15.00	1	.04	11	.98	1490	1	.05	49	3200	145	1	1	1	1	.01	1	64.0	1	136		
95DE 2035	3.9	.95	33	63	5.9	16	3.86	.1	30	1	257	>15.00	1	.02	7	.79	73	1	.01	48	10000	158	1	1	88	1	.01	1	42.5	1	59		
95DE 2036	1.1	.42	1	65	4.9	17	.17	.1	21	1	563	>15.00	1	.08	2	.04	200	1	.04	46	390	22	1	1	1	1	.01	1	22.8	1	44		
95DE 2037	1.0	1.22	1	82	2.5	8	3.38	.1	15	35	178	5.21	1	.14	7	1.40	577	1	.02	21	1570	42	1	4	83	1	.01	1	43.2	2	524		
95DE 2038	2.8	.44	631	75	4.3	19	.63	.1	40	29	309	12.58	1	.20	2	.04	145	1	.01	42	3050	99	1	1	1	1	.01	1	21.2	1	289		
95DE 2039	1.2	1.49	1	70	2.1	6	2.34	.1	14	42	165	4.29	1	.04	13	1.85	324	1	.04	16	1570	31	1	3	60	1	.02	1	104.4	3	51		
95DE 2040	1.0	1.36	1	47	6.4	15	.88	.1	75	45	1899	>15.00	1	.02	6	.81	826	1	.02	94	850	150	1	1	1	1	.01	1	51.5	1	78		
95DE 2041	1.0	.85	1	71	4.0	13	1.11	.1	29	25	413	11.2	1	.15	6	.66	357	1	.04	33	1530	91	1	1	1	1	.01	1	42.4	1	96		

3.0

500

100

100

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COMP: ETHIER EXPLORATIONS

PROJ:

ATTN: DAN ETHIER

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

FILE NO: 55-0206-SJ

DATE: 96/01

\* soil \* (ACT:F)

Table with columns: 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 %, NI PPM, NO PPM, NA %, NI PPM, P PPM, PB PPM, SB PPM, SH PPM, SR PPM, TH PPM, TI %, U PPM, V PPM, W PPM, Z PPM. Rows include samples 2201 through 2244.

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75 5%

1000 5

50

5 40

15 5 MC

COMP: ETHIER EXPLORATIONS

PROJ:

ATTN: DAN ETHIER

**MIN-EN LABS — ICP REPORT**

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

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

FILE NO: 55-02

DATE: 96

\* stream sediment \* (AC)

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	SM PPM	SR PPM	TH PPM	TI %	U PPM	V PPM	W PPM	ZN PPM	AU PPM
95 DE 2009	7.4	.68	8	58	4.1	1	.36	-.1	54	1	9373	12.34	1	-.16	5	.46	25	1	.01	34	1110	1	1	1	1	1	.01	1	23.7	1	58	
95 DE 2018	.1	1.94	1	217	2.1	6	.71	-.1	16	22	63	3.69	1	.85	17	.78	913	2	.01	39	680	34	3	1	44	1	.01	1	47.7	3	122	
95 DE 2042	.1	1.68	1	157	1.7	6	1.10	-.1	12	8	45	3.12	1	.04	13	.45	1643	3	.02	29	1098	31	7	1	91	1	.01	1	34.9	2	118	

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POSITIVE  
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KEY CLAIMS BURDICK CREEK  
BU 95

95 DE 2001

Burdick Main 7.0km, beside loading dock, 10" square angular float rock, very rusty. sulfides.

95 DE 2002

float, at 12.5km, disseminated pyrite, very dense, 25%.

95 DE 2003

float, at 12.6km, massive sulfides, pyrite, 1.5\*1\*1 ft chunk of float angular, in the zone.

95 DE 2004

o/c, at 15km board, same location as 94 BU 26.  
intrusive pod, small amount of moly? pyrite, pyrr, possibly chalcopryite, poss bornite? in rock as fracture fill.

95 DE 2005

float, at 15km Burdick main, junction of a branch road heading ENE, approx. 200 metres up the road is road fill. this rock is intrusive, with pyrite.  
intrusive with pyrite along road inbetween logging blocks.  
in last block, near landing straight through at back, lots of limonite in stream water of ditches.  
seds with rust, some coal,  
seds bedding at 047 66NW, middle landing, at the end of the landing seds bedding at 356 50E, sst.

95 DE 2006

same area as 2005, at junction of spurs, in upper landing, spur road heading north crosses a creek, this creek has float rocks that are mashed intrusive with qtz, calcite, pyrite.

at 7km of Burdick main, there is a junction with the Balsam Main, 1.3km on the Balsam main, o/c Bulkley intrusive, carbonate altered, minor pyrite, gypsum. geo rx balsam A/95. this alteration assembly has noted on the Huckleberry Project south of Houston, where Bulkley intrusives cause carbonate alteration, calcite, gypsum and pyrite occur near and in the zone of mineralization.  
this is a small ridge that looks like an esker on the side view.

95 DE 2007

at 4.3km, float, left the carbonate altered intrusive o/c, 1ft square rx float of the intrusive - has fracture fillings of pyrr, pyrite, there are perhaps other minerals as there is tarnish like bornite. no positive ID.

95 DE 2008

logging block at south end of claims, chasing numerous float rocks in skid roads and landings. at top of block near

treeline discover massive sulfide rock 1 metre square. rock is float as it is not fixed, however this rock is very fragile, it appears to have been bumped by a skidder and has fallen apart. Estimated origin to be within 25 metres. Heavy limonite, pyrite, pyrr, possible chalcopyrite and other. rock decomposition makes field analysis difficult. assume rock is related to contact mineralization of intrusive and sediments.

95 DE 2009

same place as 2008, same rock type and mineralization, another smaller piece of float train. it appears that the cat push was an old fire gaurd around block but burning of block jumped over fire gaurd into the timber, subsequent action had the burned wood harvested which made this fire gaurd obsolete. Guard is 20 metres in from the timberline.

95 DE 2011

upper landing NE corner, float, intrusive with 5% pyrite and sulfides.

95 DE 2012

same landing as 2011, float, sulfides.

95 DE 2013

lower landing, massive pyrite float, 1 ft square.

95 DE 2014

lower landing, massive pyrite sulfide float, different texture -vuggy-. about 100 pieces of sulfide float on landing.

95 DE 2015

lower landing and road junction. intrusive 5% sulfides, chalcopyrite?

95 DE 2016

same area as 2015, sulfide float.

95 DE 2017

same area as 2015, sulfide foat different texture.

95 DE 2018

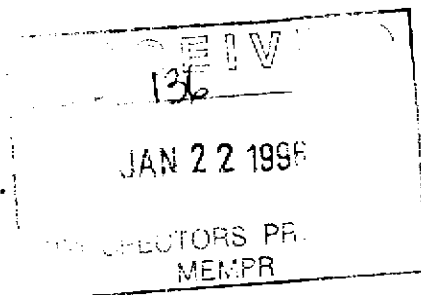
along road, sulfide float.

95 DE 2019

Balsam main 6.7km intrusive intermixed with sediments, intrusive dominates and is altered. pyrite is replacement.

95 DE 2020

20 metres below RR11 BU94, pyrrotitte show on Balsam, pyrite pyrrotitte outcrop, probably on strike with RR11. RR11 is at 7.0km





DE 2030

refer to sample 2019 for location of DE 2030-2033.  
massive pyr. in seds in sub outcrop.

DE 2031

massive pyr, other rx is pyr and or silver coloured mineral  
soft, moly? tetra?

DE 2032

qtz, magnese

DE 2033

qtz, chalcopryrite, pyrite.

DE 2034

100m above 2019, pyrite bands, there are 4 bands approx 8"  
wide seperated by 0.5 metre spacings, there are probably more  
but overburden starts. sampled one.

DE 2035

past spur into block, on main road 75m from junction, 1 metre  
wide pyr, pyrite seam? flat lying approx. 230 degrees,  
dipping 15 degrees NW.  
old one sampled in 89-90. numbers gone.

DE 2036

grab o/c. intrusive, feldspar porphyr? 25% pyrite, rock is  
rotten. same local as 2035.

DE 2037

porphyr 15% pyr, at junction

DE 2038

above spur junction 50m, pyr, pyr, seem to be stacked layers  
above landing.

DE 2039

porphyr 15% pyr, pyr. along spur road past landing 20m.

DE 2040

near 2039, on hillside, pyrite in sediments- contact zone.

DE 2041

Lichen show. intrusive, - felsic. blebs of pyrite and  
chalcopryrite.

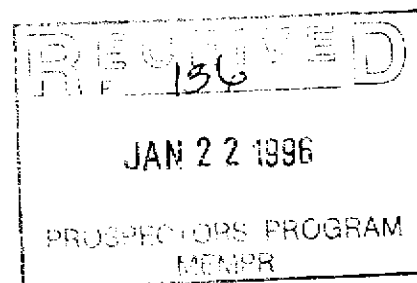
Aug 15/95 stake Key claim 20 units

DE 2042

stream sediment, 500m above TR10

aug 16/95

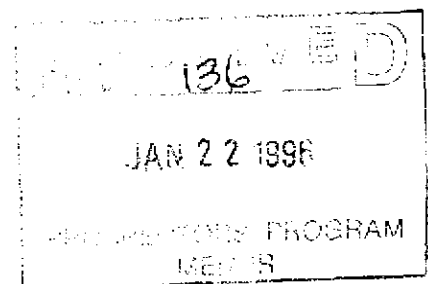
sw finish staking, de soils



starting at junction of roads in block 10, cp117, above the north boundary of Key claims, close to Keyton creek. o/c here is sst with coal, limonite and carbonate.

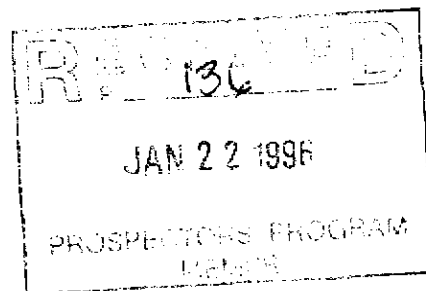
unless otherwise stated soils are at 100 metre stations above the road in a fresh cut B horizon.

2201	0 metre at junction.
2202	100 m south of junction
2203	152 m stream sediment of Keyton cr. sandy.
2204	200m swampy, Keyton cr crosses road again, sample is clayish with rust seams from road berm.
2205	300m
2206	400m
	423m 8 km board.
2207	483m swamp seepage, rusty zone in swampy area.
2208	600m
2209	700m
2210	800m
2211	900m
	990m biotite feldspar porphyr, BFP outcrop.
2212	1000m
	1050m sst outcrop.
2213	1100m
	1115m contact, seds to the north, BFP to the south, not very clear for measuring, approx. strike 220 degree.
	1152m chlorite shists
2214	1200m
2215	1300m, outcrop sediments.
2216	1380m
	1384m sample # 2035 rx, pyr seam in BFP.
	1430m junction with spur block 9.
2217	1450m start of mineralized outcrop.
2218	1500m
2219	1550m limonite
	1560m RR11 BU94
2220	1600m
2221	1660
2222	1700
	1719 DE2041BU95, Lichen show.
2223	1755
2224	1800
2225	1850 metres, cross ditch blocks road access.
2226	1900
2227	2000
2228	2100
2229	2200 metres
2230	2300
2231	2400
2232	2500 metres soil sample
2233	2600



2234	2700
2235	2800
2236	2900
2237	3000 metres
2238	3100
2239	3200
2240	3300
2241	3400
2242	3500
2243	3600
2244	3700 metres

end of soil survey, off the claim boundary.



## KEY CLAIMS

### Results

Past work in the area showed anomolous copper values which were staked by the Key 1-14 claims. The work also uncovered showings to the east.

The 95 season explored the eastern showing which is also highly anomolous in copper. A new zone was discovered between and in line with the other finds.

A note on the sample 95 DE 2008, this sample is a rock suboutcrop, the material was decomposed and powdery. An error was made and the sample was treated as a stream sediment.

The Bulkley intrusive identified by T.A. Richards in 1994, has copper mineralization. North of the Intrusive is a dyke swarm. Concentrations of mineral appear to be contact related to the dykes and Bowser sediments.

There is Pb, Zn mineralization with the copper.

A swamp approx. 2km long on the northern extent of the dykes has a rough half moon shape, and oozes rust. Some samples such as 2207 had visible limonite as a band at the top of the B horizon.

A soil survey was done to test the swamp area. Although there was anomolous zones of Barite, Copper and Zinc, along the soil line, the swampy area was not anomolous in copper. There is suspicion that the copper has been leached out.

The program was sucessful in identifying new zones.

Copper values up to 0.93 %.

2009

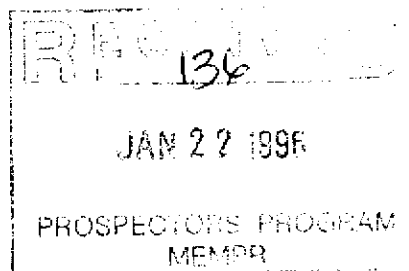
Gold values up to 5.2 grams/ton.

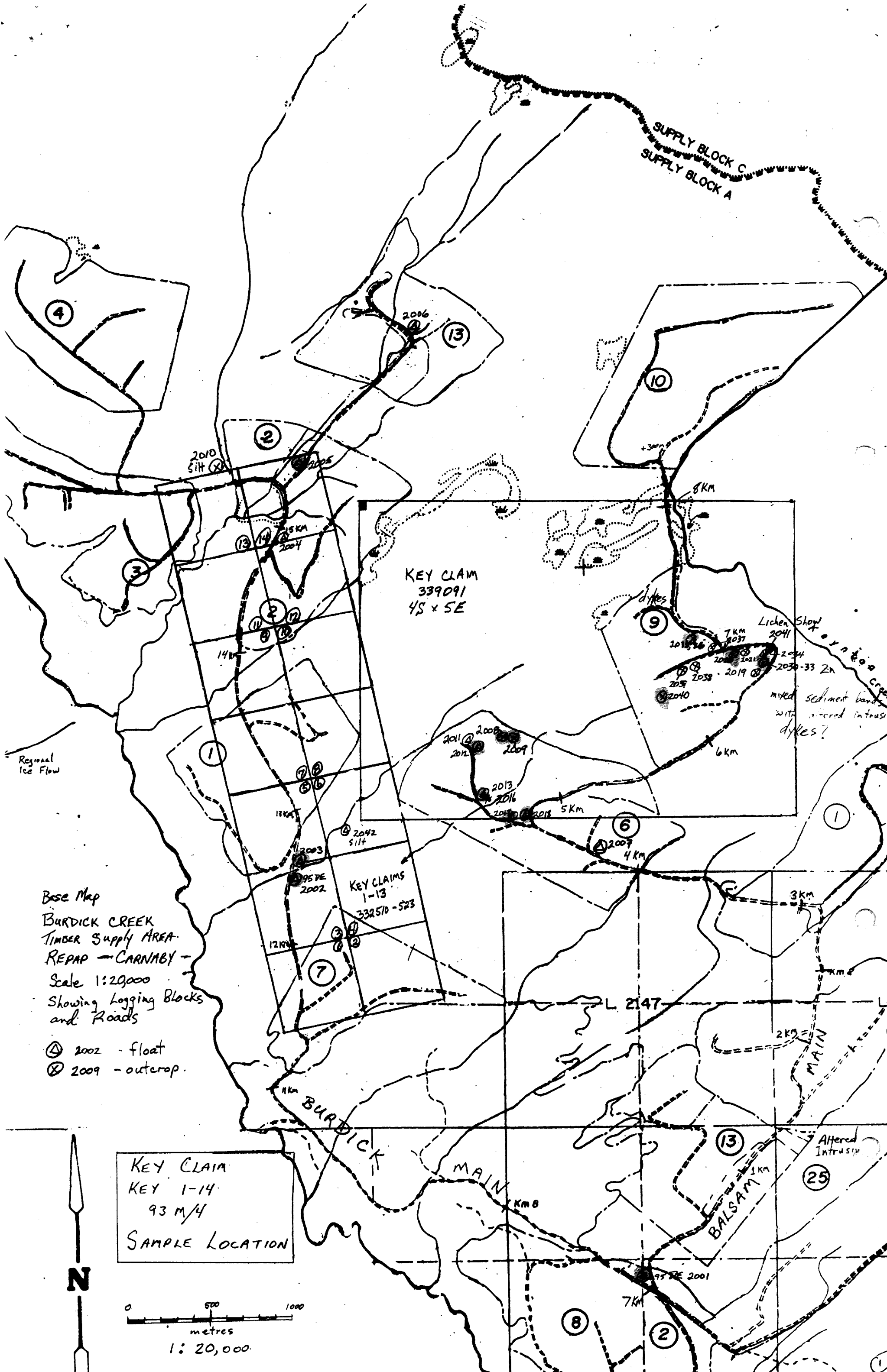
Bu 01

A drill target has been located.

### Recommendations

A grid would be the next logical step, geochem, and geophysics. This should be conducted over the whole target with some overlap, and would be 5km by 4km.

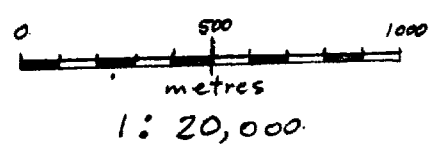




Base Map  
 BURDICK CREEK  
 TIMBER SUPPLY AREA  
 REPAP - CARNABY -  
 Scale 1:20,000  
 Showing Logging Blocks  
 and Roads

- ⊙ 2002 - float
- ⊗ 2009 - outcrop.

KEY CLAIM  
 KEY 1-14  
 93 M/4  
 SAMPLE LOCATION




KEY CLAIM  
 339091  
 4S x 5E

KEY CLAIMS  
 1-13  
 332510 - 523

Lichen Show  
 2041  
 2044  
 2030-33 Zn  
 mixed sediment bands  
 with altered intrusives  
 dykes?

Altered  
 Intrusives

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

136   
JAN 22 1996  
PROGRAM

**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 DAN FTHIER Reference Number \_\_\_\_\_

**LOCATION/COMMODITIES**

Project Area (as listed in Part A) KNOLL - MAX MINFILE No. if applicable 93M 27, 100, 232  
 Location of Project Area NTS 93M / 3E, 6E Lat 55° 16' Long 127° 10' 234  
 Description of Location and Access from Hazelton 7 km east on Hwy 16 to  
Suskwa Forestry Rd., 13KM on Suskwa Rd to Hamblin Main  
to end of Hamblin Main 7KM 3KM walk into target area MAX.  
 Main Commodities Searched For Pb - Zn - Cu - Ag - Au

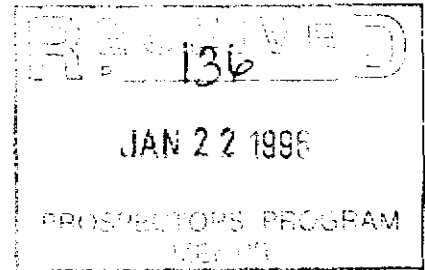
Known Mineral Occurrences in Project Area Pb Zn Ag

WORK PERFORMED		
1. Conventional Prospecting (area)	<u>7KM x 8KM</u>	<u>56 KM<sup>2</sup></u>
2. Geological Mapping (hectares/scale)	<u>10 KM<sup>2</sup></u>	<u>1:50,000</u>
3. Geochemical (type and no. of samples)	<u>14 rock</u>	
4. Geophysical (type and line km)	<u>-</u>	
5. Physical Work (type and amount)	<u>reclamation</u>	
6. Drilling (no., holes, size, depth in m, total m)	<u>-</u>	
7. Other (specify)	<u>-</u>	

**SIGNIFICANT RESULTS**

Commodities Pb Zn Ag Cu Au Claim Name KNOLL - MAX  
 Location (show on map) Lat 55° 16' Long 127° 10' Elevation 2500'  
 Best assay/sample type grab 754 ppm Ag, 8313 ppm Cu  
210 ppm Mo, 437 ppm Pb.

Description of mineralization, host rocks, anomalies  
polymetallic float rocks associated with  
contact zones between sediments + intrusions  
Some brecciated float, matrix of Ag, Sb, Py, Pyrr,  
Pb, Zn.



Knoll - Max

Target B

Sample Description

95 DE 1001

hamblin main 5.1 km, float rx, rusty, pyrite, pyrothite, feldspar porphyr. Granitic rock very rusty suggests contact zone uphill, approx 2km other float rx shows contact as <1km hamblin main 5.590 km, rusty seep at end of landing. sample lost.

95 DE 1002

hamblin branch 20, 0.185 km from junction.  
qtz float 4" square, very angular, galena, sericite

95 DE 1003

HM br-20, 1.5 km, elev 2210', float in roadway.  
angular rusty rock, sphalerite, pyrite, pyrr, in qtz matrix, speaks of volume.

95 DE 1004

hm br-20, 1.6km, float.  
hornfels, pyrite, sphalerite.

95 DE 1005

hm br-20 spur A, 1.8km from main.  
porphyr rx, soup mix, 3-4% pyrite, hematite. float sub angular  
branch 20 culvert 7 Conglomerate, cemented with porphyr some minor pyrite.

glacier tracks ice moving east.

95 DE 1006

hm br-20, culvert 15, 20 metres above, elev. 2740'  
polymetallic float rx, pyr, As, Pb, Zn, Cpy.  
secondary mineral as a delicate white feathery mineral (salt?), light blue green tint.

95 DE 1007

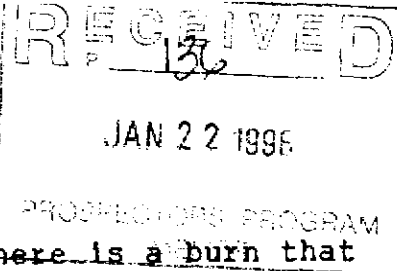
hm br-20, spur B, at junction with spur B 1&2,  
polymetallic, As, py, pyrr. predominantly qtz, -altered intrusive.-  
\*\* note gossan for skilokis mound on br-40, 2 km.

95 DE 1008

Denison Main, br 6-16, blk 6 at landing 0.250.  
intrusive with 5% sulfides, pyrite, cpy, float.

95 DE 1009

dm blk-15, 3.650km, entrance to blk-15 is at suskwa main 18km at the back of the blk up the switchback, disseminated pyrite in intrusive float (mica).



95 DE 1010

dm, br 6-16, end of road, end of blk 16, there is a burn that reaches timberline. logged to the creek. gossan with pyrite and sulfur yellow. Seds overlying plug float shows rusty seds, dykes, some qtz, intrusive with pyr.

95 DE 1011

Hamblin main Br-40, L.R.-2.4km. float rock, altered, possibly porphyr, flooded with fine grained pyrite.

95 DE 1012

Hamblin main Br-40, LR 3.457km, wb 4082. rock looks like mudstone interbedded with pyrite.

95 DE 1013

HM Br-40, LR-3.550  
clasts of other rock in matrix of AS, SB, PY, PYRR. mix  
clasts of other rock in matrix of AS, SB, PY, PYRR. mix

95 DE 1014

HM Br-40, near lake, porphyr with 1% pyrite.  
sample not sent to the lab.

#### Discussion of work and conclusions

Regional look at the area covered a 7km by 8km square. A lot of rocks were looked at, and a lot of ground was covered. Every logging block and every road and skid trail in the area was prospected. A few zones of interest surfaced from this program.

Samples 1012 and 1013 are most interesting as this is a potentially new showing, that ties in with the VMS target.

Sample 1010 is a large gossan that did not kick with ICP. There is a contact zone here that needs a closer look, there are plans to return to this showing in the future.

Samples 1008, 1009 support the VMS theory as it coincides with with past info, that there is anomolous Pb, Zn, Ag float rock all through the area north of the Suskwa R. and south of Denison Cr.

MI 235, was not located and remains a mystry.

Sample 1006 is believed to be float from the Loki claims.

The project is considered a success, Pb, Zn, Cu, As, Ag, Au, mineralization is widespread in this valley. The amount of porphyr rocks found containing sulfide mineralization in the order of 3-5% was surprizing. Large areas of altered rock were noted, (hornfels). Previous work in the valley has shown mineral events as contact related with intrusives. However Kasalka group volcanics are playing a significant role. Future plans are to follow up the anomolous zones of this season and concentrate on the east of the Knoll claims.



COMP: ETHIER EXPLORATIONS

PROJ:

ATTN: Dan Ethier

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

FILE NO: 5S-0204-RJ

DATE: 96/01/0

\* rock \* (ACT:F31)

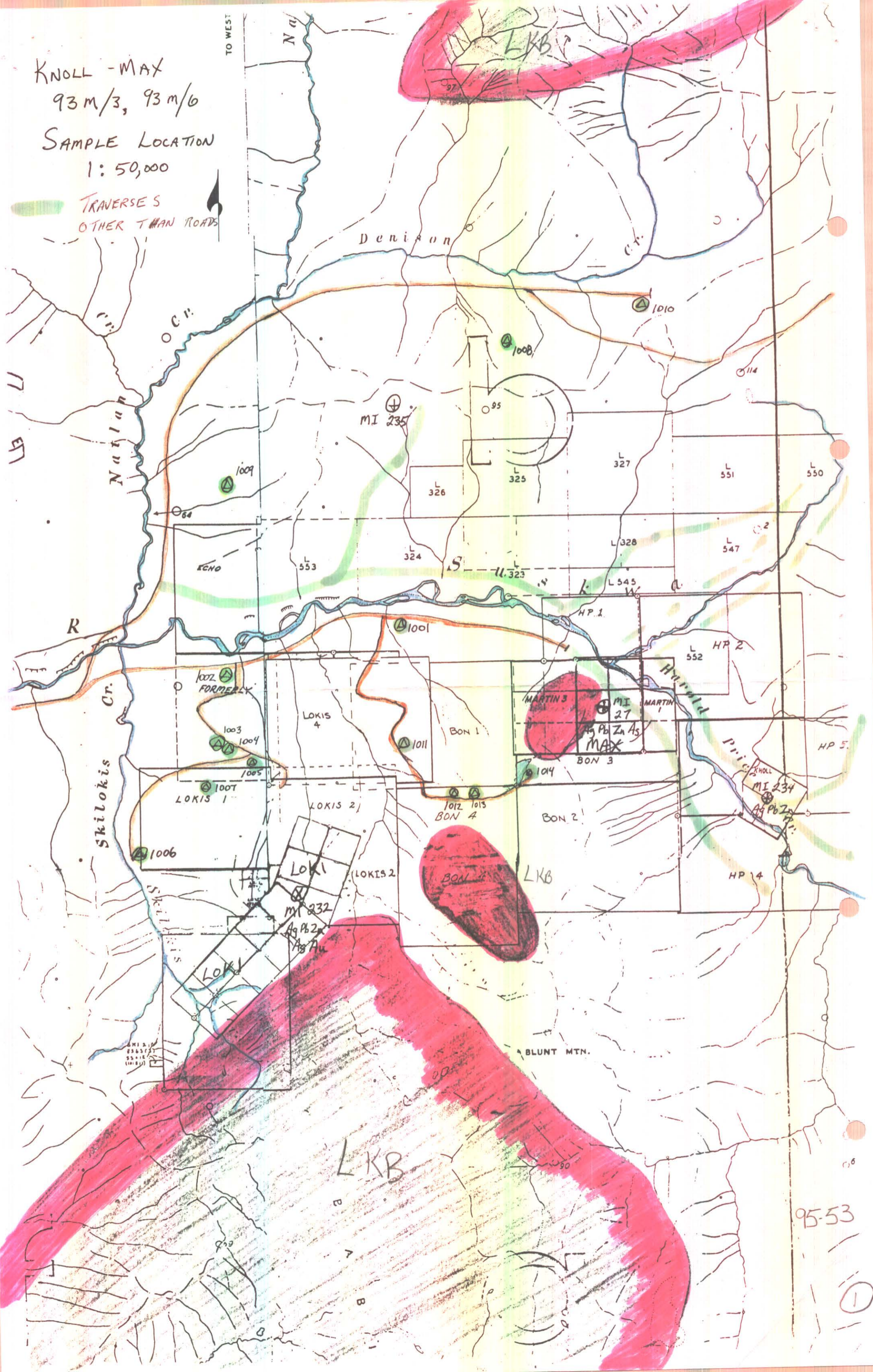
SAMPLE NUMBER	AG PPM	AL %	AS PPM	BA PPM	BE PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	GA PPM	K %	LI PPM	MG %	MN PPM	MO PPM	NA %	NI PPM	P PPM	PB PPM	SB PPM	SM PPM	SR PPM	TN PPM	TI %	U PPM	V PPM	W PPM	ZN PPM	Au-wet PPM
95DE 1002	3	.14	1	16	3	1	.69	.1	1	108	8	.24	1	.10	1	.02	69	53	.04	2	30	4	1	1	25	16	.01	1	1.4	5	8	5
95DE 1003	2.2	1.28	1	67	3.2	7	.84	.1	29	55	674	8.42	1	.27	20	.52	211	1	.02	31	740	65	1	1	1	1	.03	1	28.4	2	40	5
95DE 1004	.6	1.32	1	198	1.5	10	.58	.1	15	87	54	3.26	1	.33	19	.92	452	1	.08	19	550	25	1	1	8	1	.07	1	73.3	6	80	5
95DE 1005	.5	1.02	1	122	2.0	7	1.38	.1	23	58	54	4.04	1	.09	8	.78	597	1	.05	29	1270	45	1	1	27	1	.02	1	43.0	4	72	5
95DE 1006	75.4	.03	577	40	7.1	1	.14	.1	31	5	8313	>15.00	1	.04	1	.09	252	210	.01	69	10	437	1	1	1	1	.01	1	.1	1	218	65
95DE 1007	1.9	3.16	1	37	3.2	13	1.63	.1	19	87	249	8.05	1	.07	25	1.80	648	7	.17	26	870	60	3	2	18	1	.05	1	108.1	5	91	5
95DE 1008	2.4	1.64	751	54	3.2	33	.70	.1	39	38	314	8.80	1	.17	32	.83	253	1	.05	28	710	70	1	1	1	1	.04	1	42.9	1	61	475
95DE 1009	3.2	4.68	1	57	2.4	12	6.36	.1	19	64	74	4.59	1	.07	7	.16	182	9	.23	21	>10000	36	21	1	504	1	.03	1	46.6	5	71	50
95DE 1010	.9	1.53	1	41	1.3	6	1.14	.1	5	45	55	2.55	1	.13	17	.47	48	2	.13	18	900	19	5	1	88	1	.01	1	12.1	3	22	50
95DE 1011	.4	.50	1	20	1.0	5	.22	.1	6	83	44	2.79	1	.16	6	.01	6	3	.06	16	250	26	1	1	91	1	.01	1	10.1	4	12	5
95DE 1012	28.3	.02	>10000	52	7.2	38	.05	.1	126	1	981	>15.00	1	.03	1	.02	739	1	.01	68	10	343	1	1	1	1	.01	1	.1	1	93	310
95DE 1013	6.1	.13	743	34	6.2	53	.27	.1	120	1	1041	>15.00	1	.03	1	.04	136	1	.01	67	10	198	1	1	1	1	.01	1	1.8	1	66	15

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 P. 36  
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KNOLL - MAX  
93 m/3, 93 m/6

SAMPLE LOCATION  
1:50,000

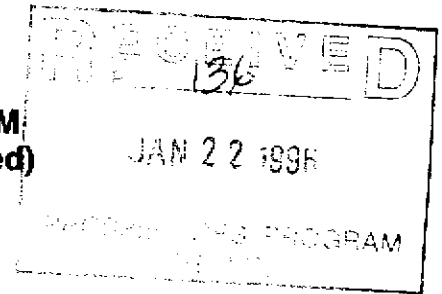
TRVERSE S  
OTHER THAN ROADS



95-53

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 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 DAN FTHIER Reference Number \_\_\_\_\_

**LOCATION/COMMODITIES**

Project Area (as listed in Part A) BEIRNES CR. MINFILE No. if applicable —

Location of Project Area NTS 104 A/16 Lat 56° 52' Long 128° 17'

**Description of Location and Access**

From Inlet southeast along old B.C.R. railway right of way for 236 km.

Main Commodities Searched For Au - Cu

Known Mineral Occurrences in Project Area Coal, qtz - quartz

Tommy Jack Au qtz veins.

**WORK PERFORMED**

1. Conventional Prospecting (area) 7KM x 10KM.
2. Geological Mapping (hectares/scale) 7KM x 10KM 1:50,000
3. Geochemical (type and no. of samples) 1 rock
4. Geophysical (type and line km) —
5. Physical Work (type and amount) reclamation.
6. Drilling (no., holes, size, depth in m, total m) —
7. Other (specify) —

**SIGNIFICANT RESULTS**

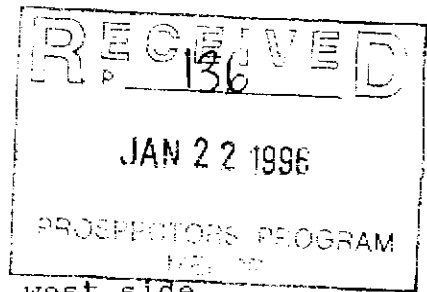
Commodities none Claim Name —

Location (show on map) Lat 56° 51' Long 128° 16' Elevation 3,000 ft.

Best assay/sample type —

**Description of mineralization, host rocks, anomalies**

Significant quantities of coal were found, qtz veining was discontinuous west of town showing pods of sulfides (pyr) were located south east of camp in Cowser sediments.



Beirnes Cr.

Camp was established on the phantom claims on the west side of the Skeena river. Day hikes from the camp explored the area directly west of the showing.

4 days in this area proved very disappointing. The large quartz veins were not traceable past the 3100ft elevation. Variations in the sediments were noted with sporadic occurrences of qtz float rock (barren) and some indications of coal seams.

Traverse 1

from known show follow strike uphill. showing is lost in overburden. at fork of creek which is on strike there is outcrop however no sign of system exists. should be readily seen as qtz float, very little qtz here. circle area to pick up on offset, not found.

Traverse 2

From camp 2.5 km west, south edge along strike. difficulty finding o/c. no sign of showing, work loop on north arc, some o/c but no mineralization. 2nd growth old burn difficult traveling. no samples.

Traverse 3

from camp north along river. o/c at river bank and cliffs. some qtz veining present, barren, striking 250 degrees vertical to 65 degrees north. cliffs at Evans cr barren. Walked upstream on Evans cr with no further indications.

Traverse 4

from camp 2.0km west uphill along strike, work loop on south arc. difficult traveling in 2nd growth. very little outcrop, sediments have changed to conglomerate no alteration or mineralization noted.

Traverse 5

from camp south along river bank and cliffs, for 3km, qtz veins were found in stringers in several locations, barren. along river bank west side 500 meters from camp a qtz vein was located 0.6m wide, at 700 meters, where the river bends a qtz vein approx 2 ft wide was located underwater, not sampled. approx strike 340 degrees, vertical? At 825 meters stringer qtz veins barren, were noted beneath and cut off by a shale sandstone layer.

Traverse 6

prospecting 8km southeast along BCR right of way

95 DE 3001 SPM

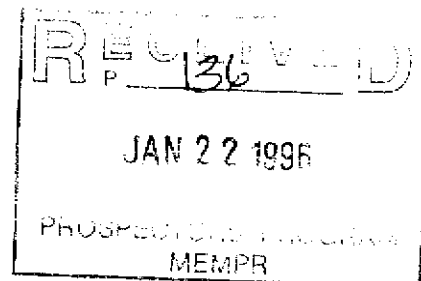
SPM area, on way to Kluatantan river, 2 1/2km west of Kluatantan, pod of sulfides in bowser sediments, 1 metre wide, pyrite.

No other mineralization was noted.

There was heavy rain during this project, four days were spent around camp during the 16 days. This time was used

constructively in reclamation. Past building projects were tidied up, scattered rock waste piles were removed and concentrated to a single location. Debris such as an old blow down of trees and debris cleared for the camp and such was gathered up and burned during the wet weather.

Results of the program were poor. It appears that the mineral event was restricted to the geological layer that is at 3,000 ft. elevation. There are several instances that show the veins have been cut off by an overlying unit (conglomerate), Devil's Claw formation.



*Levinson, G.*

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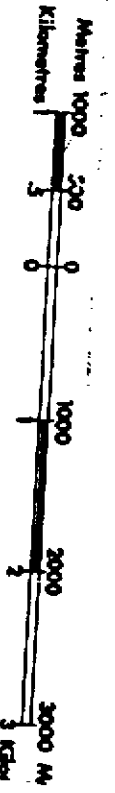
BCR DEASE LAKE EXTENSION  
MINERAL RESERVE  
80 METRES EITHER SIDE  
O/C 3938, 8-12-69  
O/C 924, 17-3-77  
SUBJECT TO CONDITIONS

MINERAL & PLACER RESERVE  
O/C 217, 12/02/86  
SUBJECT TO CONDITIONS!

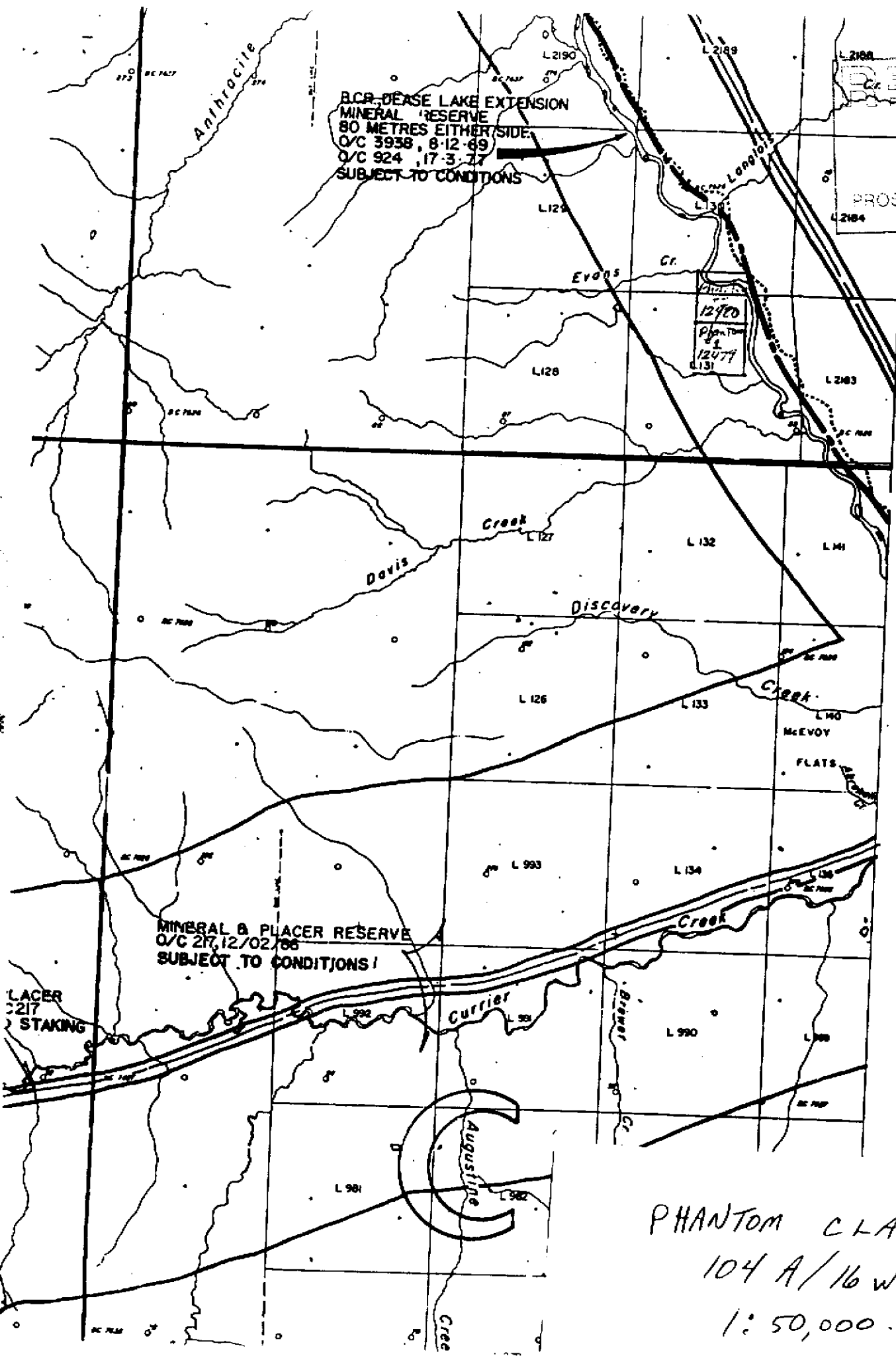
PLACER  
3217  
STAKING

TO EAST SEE MAP 104A/16E

REGISTERED MINERAL CLAIM  
VERIFIED LEGAL CORNER POST  
LEGAL RUNWAY  
LEGAL CORNER POST & TAG NUMBER 0395



PHANTOM CLAIMS.  
104 A/16 W  
1:50,000.



COMP: ETHIER EXPLORATIONS

PROJ:

ATTN: DAN ETHIER

NIN-EM LABS — ICP REPORT

8282 SHERBROOKE ST., VANCOUVER, B.C. V5K 4E5

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

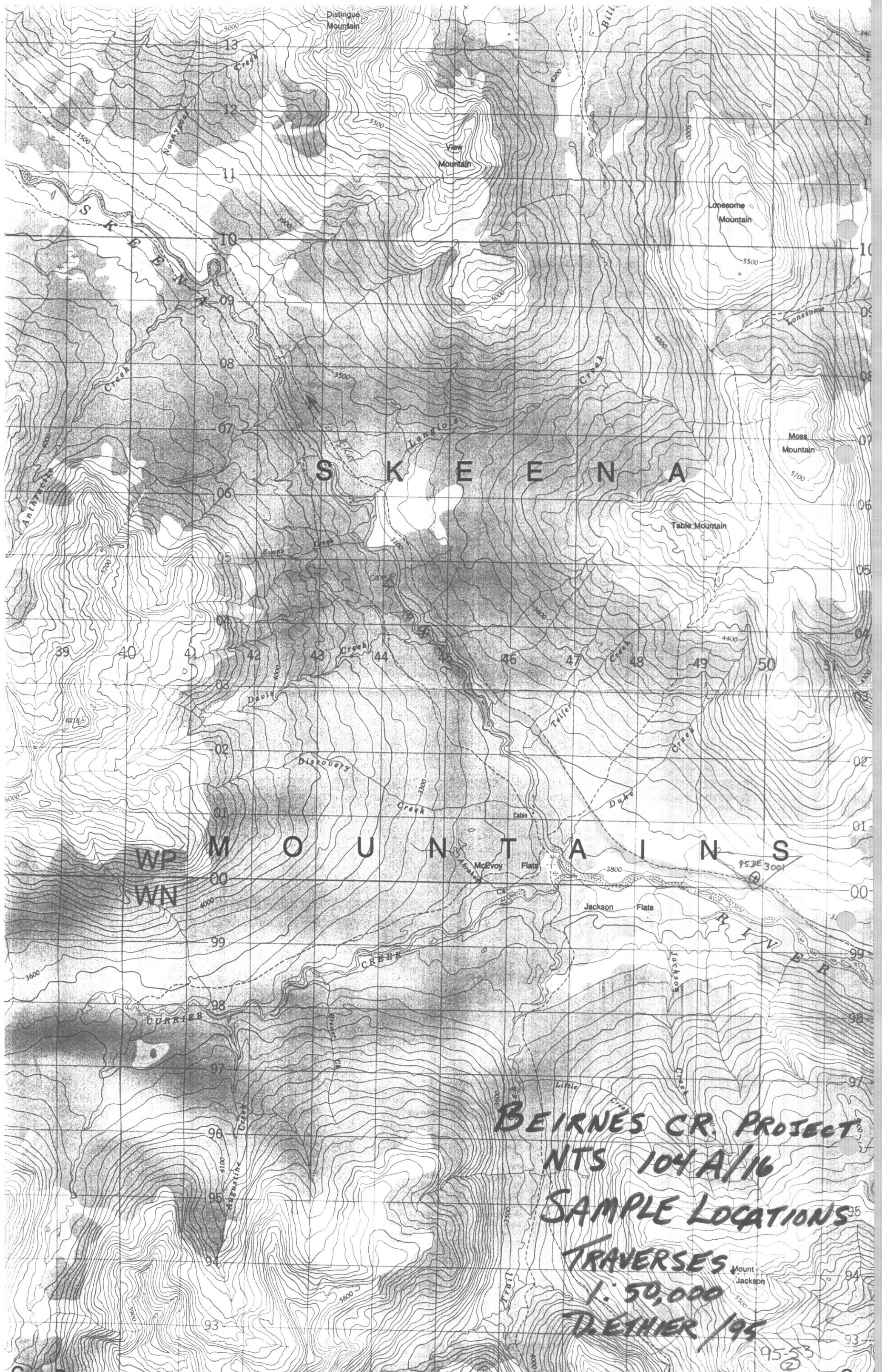
FILE NO: 5S-0205-4

DATE: 96/01/

\* rock \* (ACT:F3

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 %	LJ PPM	MG %	MN PPM	MO PPM	NA %	NI PPM	P PPM	PB PPM	SB PPM	SH PPM	SR PPM	TH PPM	TI %	U PPM	V PPM	W PPM	ZN PPM	AU- MET PPM
95DE 3001	1.6	3.69	1	25	4.3	14	1.01	.1	17	75	66	10.95	1	.02	43	2.27	182	1	.01	67	2030	72	1	1	1	1	.01	1	83.6	2	155	18
95DE CP 592A	.1	.92	1	54	2.8	13	4.08	.1	14	.1	63	7.18	1	.26	7	.51	2884	1	.01	27	2010	72	1	1	16	1	.01	1	38.8	1	168	5
95DE CP 592B	.1	.32	1	201	.7	5	1.55	.1	4	41	32	1.47	1	.27	1	.86	2189	3	.01	9	270	23	1	1	24	1	.01	1	3.1	3	94	5

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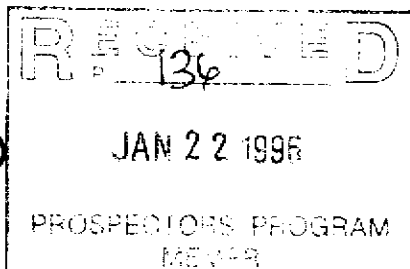
S K E N E M O U N T A I N S

BEIRNES CR. PROJECT  
NTS 104A/16  
SAMPLE LOCATIONS  
TRAVERSES  
1:50,000  
D. ETHIER / 95

95-53  
②



**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 DAN ETHIER Reference Number \_\_\_\_\_

**LOCATION/COMMODITIES**

Project Area (as listed in Part A) KITSEQUECLA LK MINFILE No. if applicable -

Location of Project Area NTS 93 L/13 E Lat 54° 57' Long 127° 32'

Description of Location and Access North from Smithers ~15km to Kitsequecla Lk Rd to the lake and north on various unnamed logging roads to CP 529-3 which is a logging block.

Main Commodities Searched For Cu Au

Known Mineral Occurrences in Project Area Cu, Cu Au, As Au, Louise Lk + Hankin Lk

WORK PERFORMED			
1. Conventional Prospecting (area)	<u>12 Km</u>	<u>along roads</u>	
2. Geological Mapping (hectares/scale)	<u>700m x 100m</u>		<u>1:50,000</u>
3. Geochemical (type and no. of samples)	<u>2 rock</u>		
4. Geophysical (type and line km)	<u>-</u>		
5. Physical Work (type and amount)	<u>minor hand trenching</u>		<u>1m<sup>3</sup></u>
6. Drilling (no., holes, size, depth in m, total m)	<u>-</u>		
7. Other (specify)			

**SIGNIFICANT RESULTS**

Commodities Zn Au Claim Name TROUT 1-4

Location (show on map) Lat 55° 57' Long 127° 32' Elevation 3400 ft

Best assay/sample type -

Description of mineralization, host rocks, anomalies see note attached.

Supporting data must be submitted with this TECHNICAL REPORT

Kitsequekla

95 DE CP529 A

MacDonald lake rd, to CP 529, porphyr, calcite and black unidentified mineral.

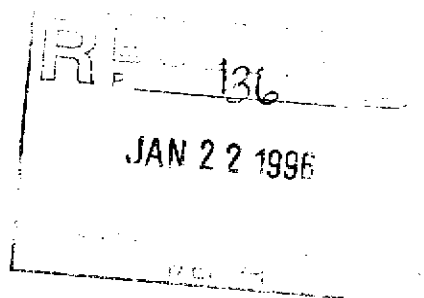
95 DE CP529 B

same area as A, rhyolite with qtz eyes, pyrite.

The CP 529 showing was investigated and it turns out to be the same showing that Rob Reding had staked the year before, known as the Trout 1-4 claims.

There was an outstanding debt for labour on the claims. An arrangement was made on behalf of the estate of R.Reding whereby ownership was passed to D. McCurdy for the cancelation of the debt.

D. Ethier discontinued work on this target due to these developments.





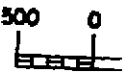
PROVINCE OF  
BRITISH COLUMBIA

MINISTRY OF  
ENERGY AND  
PETROLEUM

MINERAL  
LANDS

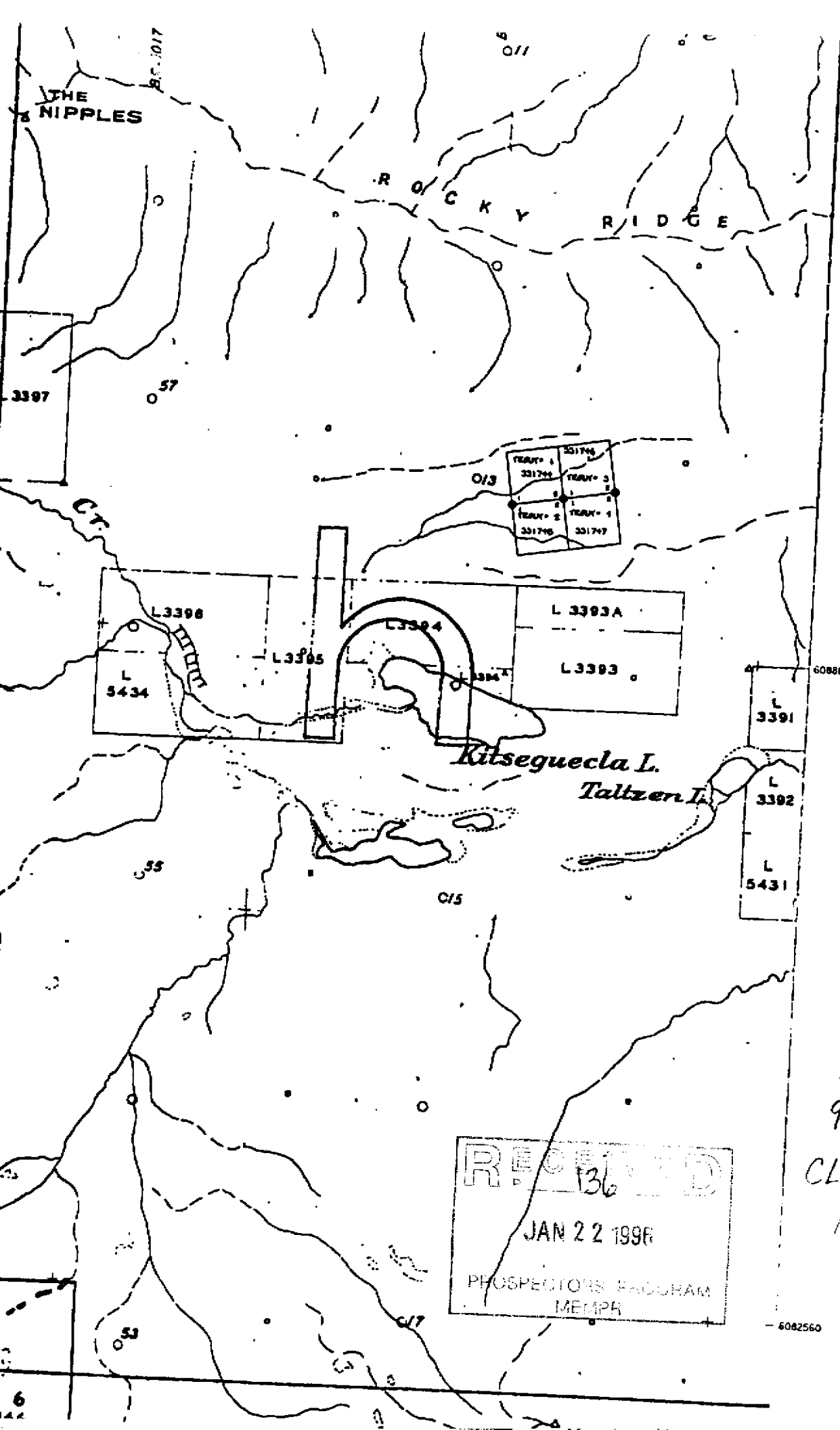
LAST MAP

ORIGINAL



ADMINISTRATIVE  
MINING DISTRICT

LAND DISTRICT



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NTS  
93 L/13E  
CLAIM MAP.

ALIENA  
NO ST.  
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ECOLOG:  
RECREAT  
INDIAN

6082560



PROVINCE OF  
BRITISH COLUMBIA

MINISTRY OF  
ENERGY AND  
PETROLEUM

MINERAL  
LANDS

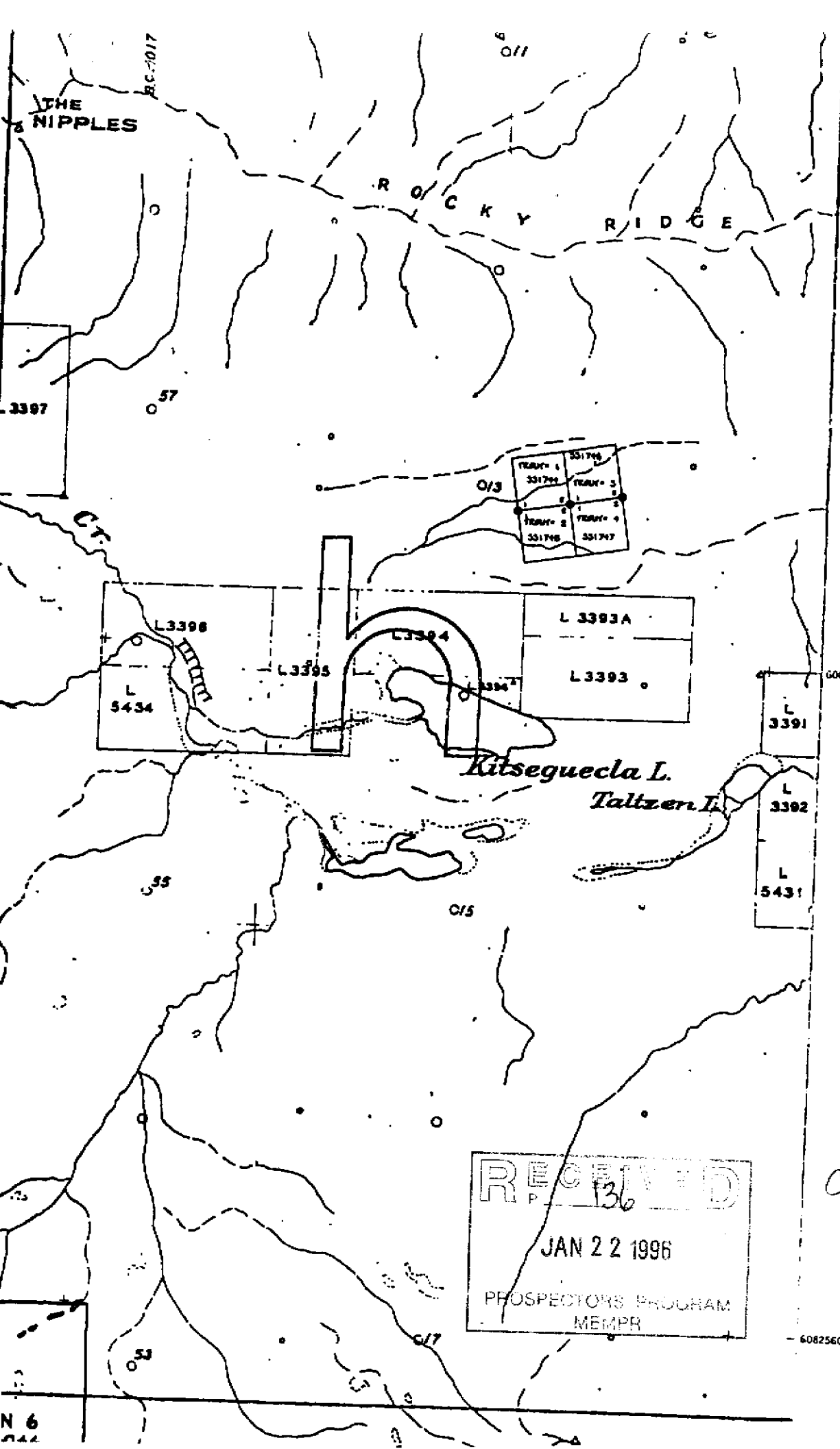
LAST MAP

ORIGINAL



ADMINISTRATIVE  
MINING DISTRICT

LAND DISTRICT



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MEMBER

NTS  
93 L/13E  
CLAIM MAP.  
1:50,000

ALIENA  
NO ST.  
NO STAK  
PARKS  
ECOLOGICAL  
RECREATION  
INDIAN



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 134  
 JAN 22 1996  
 PROSPECTORS PROGRAM  
 MEMPH

H U

TARGET V  
 NORTH OF  
 Kitsequecla Lake

McDONNELL LAKE  
 93 L/13 E  
 TOPOGRAPHIC  
 1:50,000