BRITISH COLUMBIA

PROSPECTORS ASSISTANCE PROGRAM

MINISTRY OF ENERGY AND MINES

GEOLOGICAL SURVEY BRANCH

PROGRAM YEAR:	1997/1998
REPORT #:	PAP 97-22
NAME:	DAVID LEFURGEY

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 David Lefurgey Reference Number 97/98=P55

LOCATION/COMMODITIES

Project Area (as listed in Part A) #1Hope to #7 Hope MINFILE No. if applicable

Location of Project Area NTS 82N/10 Lat 51° 33' Long 117°55'

Description of Location and Access Golden Mining Division, Blaeberry River road to 39½ Kms., turn left go 3½ Kms, go 400 meters to Canyon floor and the formation of sodalite.

Main Commodities Searched For Sodalite

Known Mineral Occurrences in Project Area Sodalite, lead, silver, zinc, copper and traces of gold. For now.

WORK PERFORMED

1. Conventional Prospecting (area) #1 Hope to #7 Hope
2. Geological Mapping (hectares/scale)
3. Geochemical (type and no. of samples)
4. Geophysical (type and line km)
5. Physical Work (type and amount) See enclosed details
6,. Drilling (no,. holes, size, depth in m, total m)
7. Other (specify) See enclosed details

SIGNIFICANT RESULTS

Commodities Sodalite, Pb , Au, Zn, Cu, Au(trace) Claim Name #2Hope, Laussedat Cr.

Location (show on map) Lat 51° 33' Long 117° 55' Elevation 1500 m

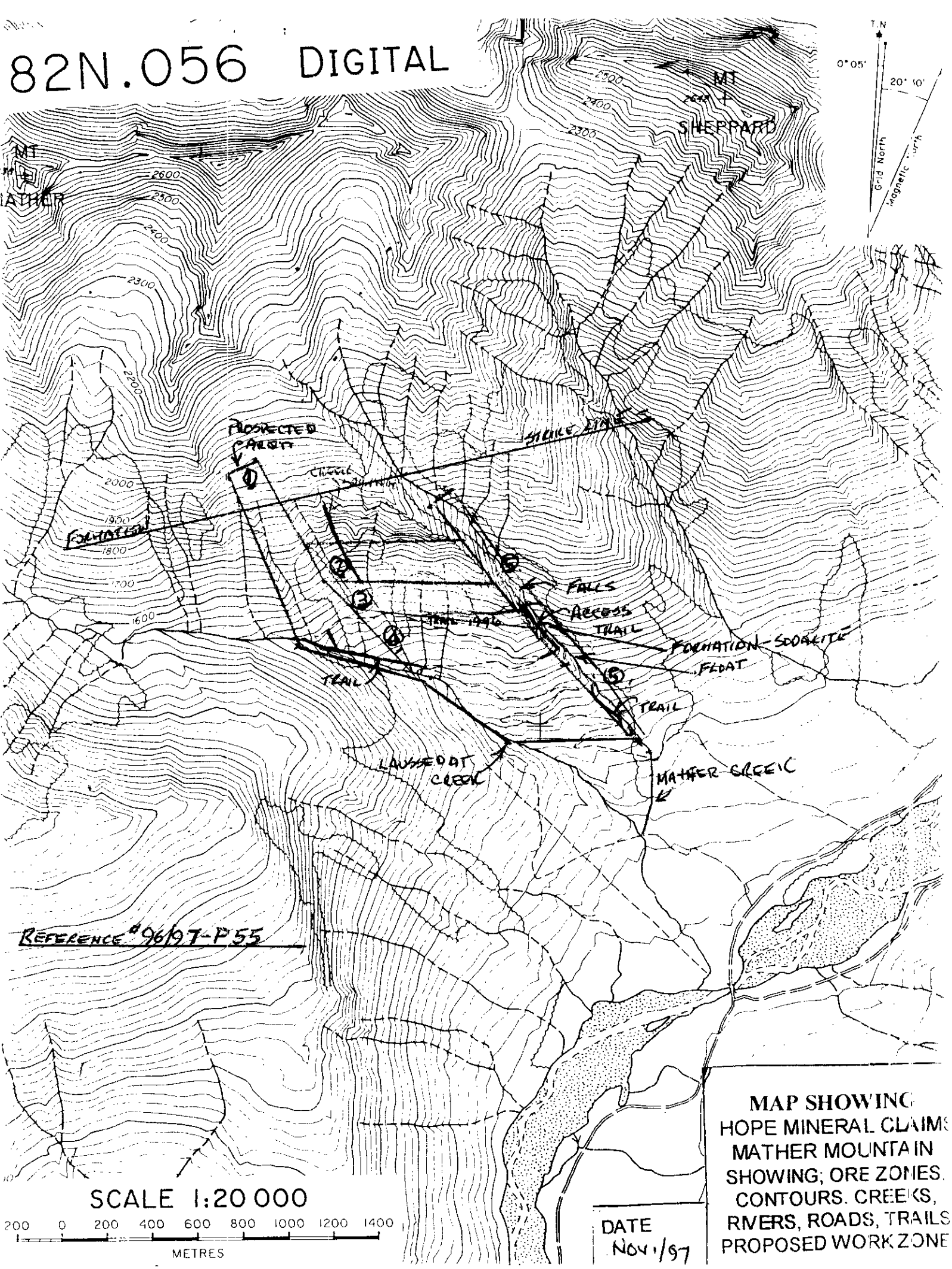
Best assay/sample type Pb, AU, Zn, Cu, AU, and Sodalite

Description of mineralization, host rocks, anomalies See enclosed details.

Supporting data must be submitted with this TECHNICAL REPORT

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

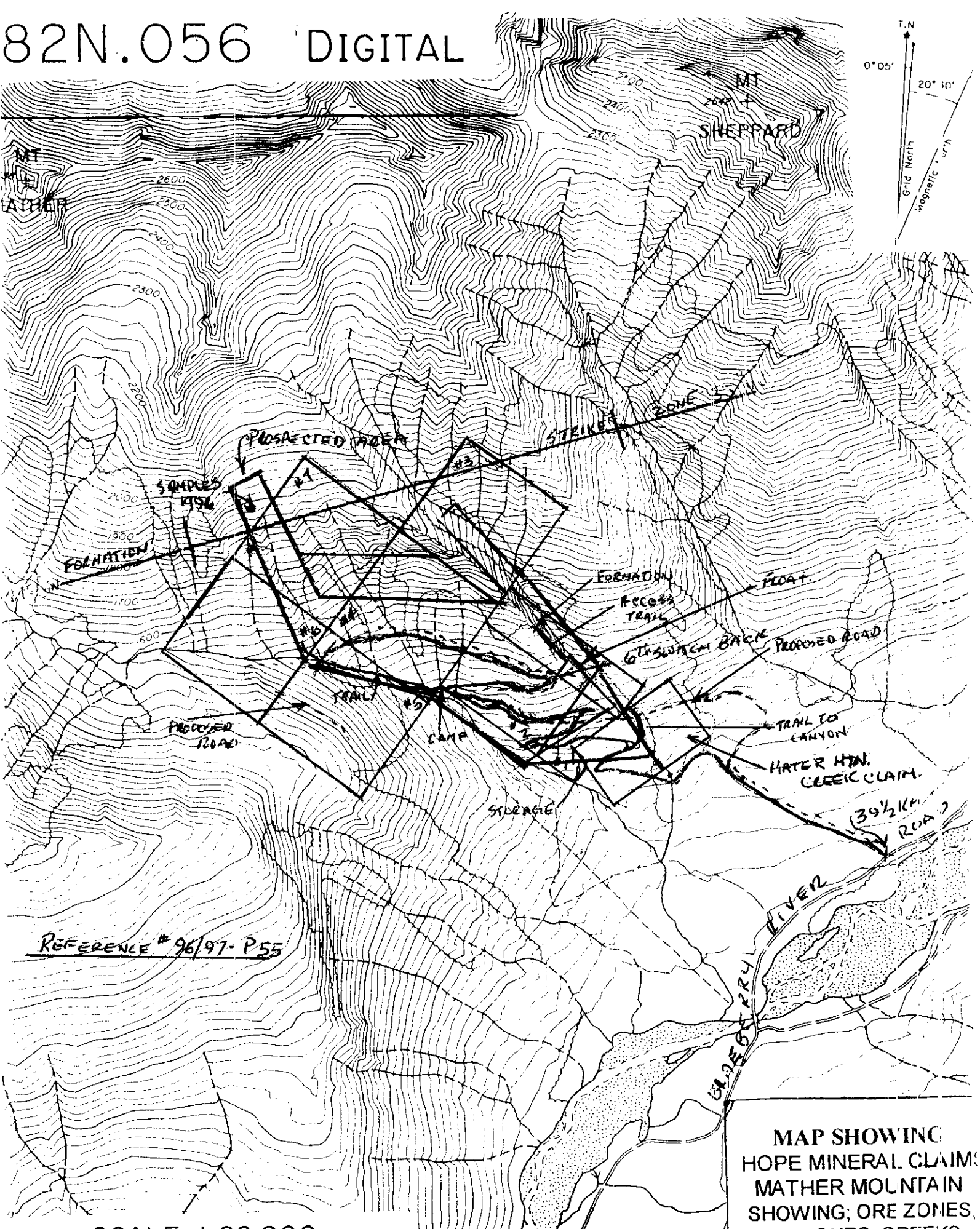
82N.056 DIGITAL



MAP SHOWING
HOPE MINERAL CLAIMS
MATHER MOUNTAIN
SHOWING; ORE ZONES.
CONTOURS. CREEKS,
RIVERS, ROADS, TRAILS
PROPOSED WORK ZONE

DATE
Nov 1/97

82N.056 DIGITAL



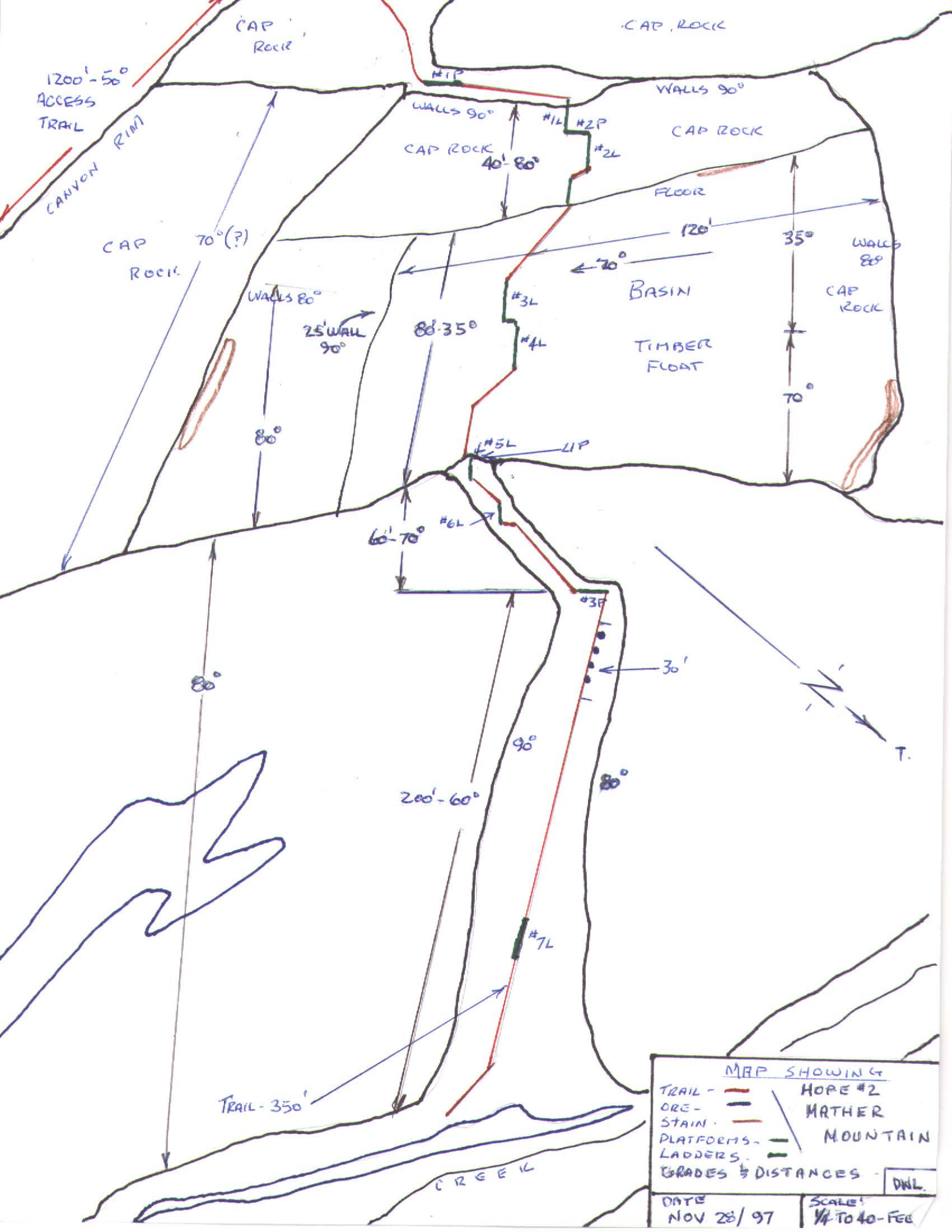
SCALE 1:20 000

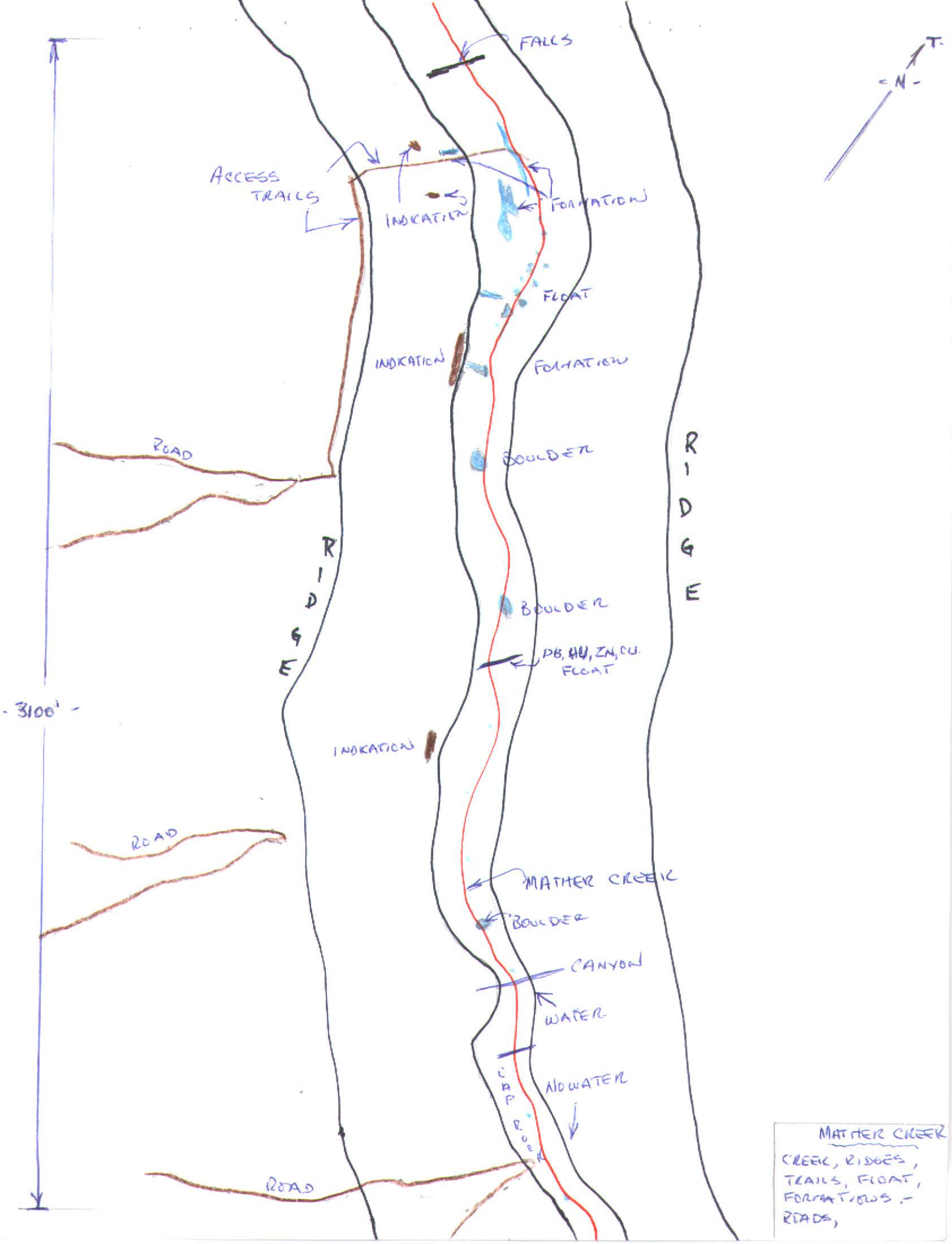
200 0 200 400 600 800 1000 1200 1400

METRES

NOV 1/97

MAP SHOWING
HOPE MINERAL CLAIMS
MATHER MOUNTAIN
SHOWING; ORE ZONES,
CONTOURS. CREEKS,
RIVERS, ROADS, TRAILS
PROPOSED WORK ZONE


CAP ROCK
CAP ROCK
#1P
WALLS 90°
1200' - 50°
ACCESS TRAIL
CANYON RIM
WALLS 90°
#1L
#2P
CAP ROCK
#2L
CAP ROCK
40' - 80°
FLOOR
120'
35°
WALLS 80°
CAP ROCK
70°(?)
CAP ROCK
30°
BASIN
#3L
WALLS 80°
25' WALL 90°
80' - 35°
#4L
TIMBER FLOAT
CAP ROCK
70°
80°
#5L
LIP
60' - 70°
#6L
#3P
30'
80°
90°
T.
200' - 60°
80°
#7L
TRAIL - 350'
CREEK
MAP SHOWING
TRAIL -
ORE -
STAIN -
PLATFORMS -
LADDERS -
GRADES & DISTANCES
HOPE #2
MATHER
MOUNTAIN
DWL.
DATE
NOV 28/97
SCALE:
1/4 TO 40-FEET


FALLS
N
ACCESS TRAILS
INDICATION
FORMATION
FLOAT
INDICATION
FORMATION
ROAD
BOULDER
RIDGE
RIDGE
BOULDER
PB, AU, ZN, CU. FLOAT
3100'
INDICATION
ROAD
MATHER CREEK
BOULDER
CANYON
WATER
NO WATER
RIDGE
ROAD
MATHER CREEK
CREEK, RIDGES, TRAILS, FLOAT, FORMATIONS - ROADS,

Areas #1,#2,#3,#4

Pages could be written on these four areas describing dolomite, carbonatite, Quartz/calcite,stain and potential.The areas were all logged, slashed and burned some thirty years ago, now there is dense bush, stunted growth trees, dead-fall, in general a very difficult area to look for anything, but areas that had to be inspected, crossed, criss-crossed ,in the hope of finding any outcrop of sodalite or anything else. If it came down from the cliffs, or up from the depths. Nothing was there that would indicate any such condition. Laussedat Creek did have float of pure white Quartz/calcite boulders,some 6" others 2', with still others with pyrite and pyrrhotite. Mather Creek below the bridge had lots of sodalitefloat and Quartz/calcite stringer veins from $\frac{1}{2}$" to$\frac{1}{4}$". I noticed that the host dolomite was not as badly fractured on either creek. In my opinion it was 10 days of hard walking and looking. We are finished with theses areas for now, with the upper Laussedat area excluded.

Area #5 This is a different story. Mather Creek just below the canyon mouth, disappears, a good volume of water at that. I would say that there is a fault down there, very possibly from above the falls a[illegible] 1000m away, and at right angles to a contact, running from the upper Laussedat Creek to north-east of Mather Creek perhaps some 3000m long. We found a boulder 3mx2mx3m, a guess, because it was badly shattered. It carried a vein that had to be 2' in diameter, carrying pb,ag,zn,cu and gold trace (see assays), the host rock was dolomite carrying Mariposite Mica, some 6" wide, compared to 2" wide on Laussedat end.It carries carbonatite, and has brown streaks I can not identify. The ore fractures easily looks like some magnatite. I sent a sample to D. Hora. This therefore puts new light on that ore zone. Now sodalite. I drew a sketch of the creek, not too accurate, but one you can picture. There is a formation about 200m up the canyon, some 20m up the cliff wall. It looks the same as the main formation, it's about 30m long. About 50m below the main formation we discovered that,what we thought to be float was ore in place, from 3m from the foot wall, across the canyon to about 5m from the cliff, the host folds over the top of the syenite. Samples look good. This area is to be shallow drilled and feathered. In the basin (see sketch), More good sodalite was sampled for some 20' (I have a hard time seeing metric, so I'm going to stay in feet) 20'. The ore is finer grained and carries more Quartz/calcite. There is also two good indications, one above the formation. All in all things look very promising. I spent the last 6 days on the canyon lip, basin and ridge, and below the canyon mouth, canyon proper, and Glen had 1 day above the falls, brought down some float,a lot more pyrite and pyrrhotite. The weather was rotten. some snow and fog(clouds).

Prospecting Conclusions; This year we have covered five areas, found new sodalite in place in two places, perhaps three more, found a new type of ore that could belong to a formation some 3000 meteres long. Under the circumstances not too bad, I'd say.

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: LeFURGEY, DAVE

RR#2, SITE 12, BOX 13
CASTLEGAR, BC
V1N 3L4

Project :
Comments: ATTN:DAVE LEFURGEY - 1096

Page Number :1
Total Pages :1
Certificate Date: 05-NOV-96
Invoice No. :I9638936
P.O. Number :
Account :NAH

CERTIFICATE OF ANALYSIS A9638936

SAMPLE	PREP CODE	Au g/t FA+AA
#1	205 226	< 0.005
#2	205 226	< 0.005

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: LeFURGEY, DAVE **

RR#2, SITE 12, BOX 13
CASTLEGAR, BC
V1N 3L4

Project : LASSEDAT CREEK
Comments: DAVE LEFURGEY - 1995

Page Number :1-B
Total Pages :1
Certificate Date: 01-OCT-95
Invoice No. :I9528558
P.O. Number :
Account :NAH

CERTIFICATE OF ANALYSIS A9528558

SAMPLE	PREP CODE		Mn ppm	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
LEFURGEY #1	255	295	1005	234	0.78	4	50	>10000	< 2	2	274	< 0.01	< 10	< 10	14	10	>10000

CERTIFICATION: Stewart Bachlet

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: LeFURGEY, DAVE **

RR#2, SITE 12, BOX 13
CASTLEGAR, BC
V1N 3L4

Project : LARGO AT CACHE
Comments: DAVE LEFURGEY - 1995

Page Number : 1-A
Total Pages : 1
Certificate Date: 01-OCT-95
Invoice No. : I9528558
P.O. Number :
Account : NAH

CERTIFICATE OF ANALYSIS A9528558

SAMPLE	PREP CODE		Au ppb RUSH	Ag ppm Aqua R	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 %
LEFURGEY #1	255	295	< 5	7.8	7.2	0.91	14	120	< 0.5	< 2	6.17	49.0	3	30	116	0.82	< 10	< 1	0.23	< 10	0.64

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: LeFURGEY, DAVE

RR#2, SITE 12, BOX 13
CASTLEGAR, BC
V1N 3L4

Project : FLOAT, MATHER CREEK - CANYON
Comments: ATTN: DAVE LEFURGEY - 1997

Page Number :1
Total Pages :1
Certificate Date: 30-OCT-97
Invoice No. :I9748189
P.O. Number :
Account :NAH

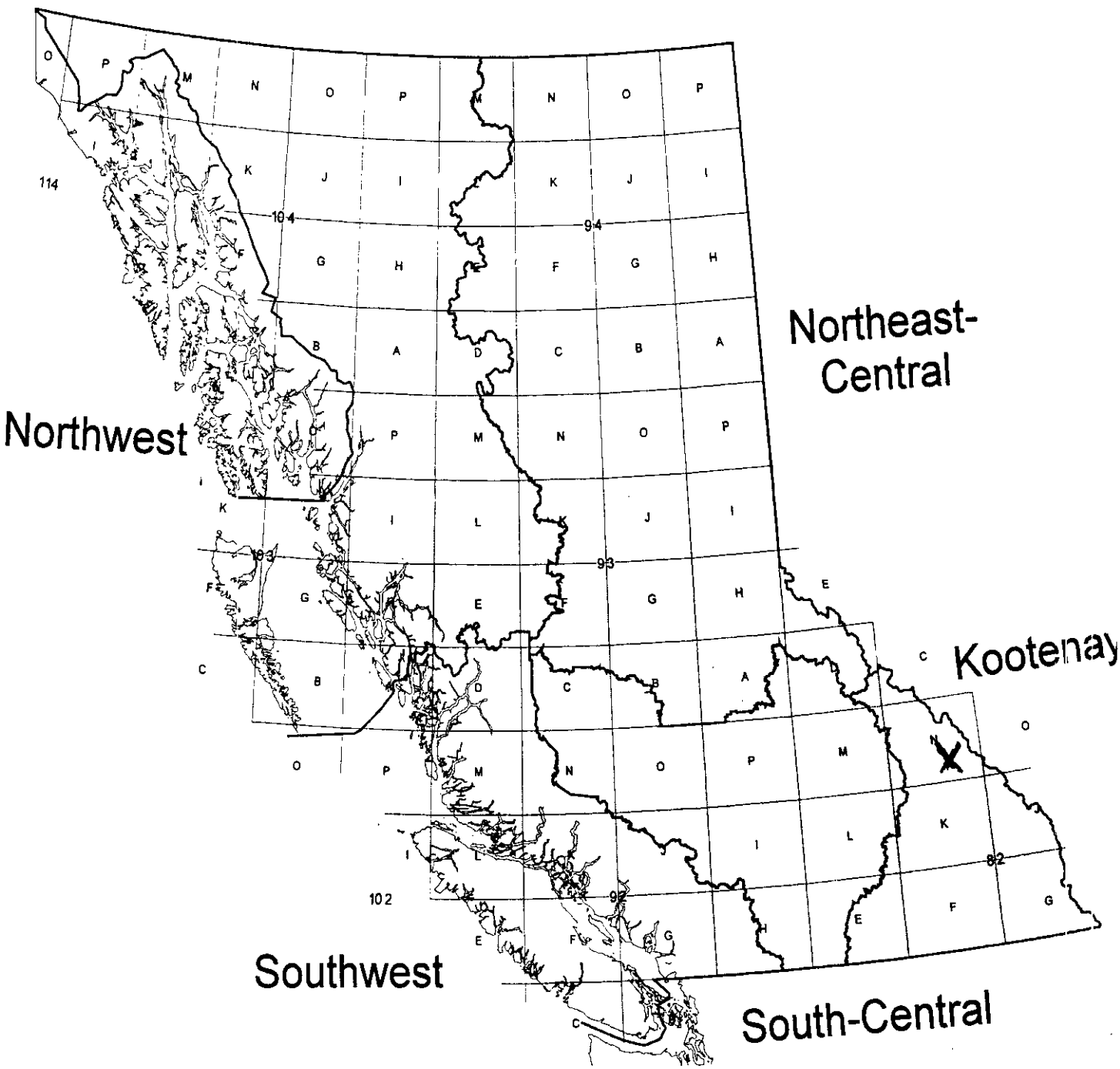
CERTIFICATE OF ANALYSIS A9748189

SAMPLE	PREP CODE		Au g/t RUSH	Ag g/t	Cu %	Pb %	Zn %					
A	258	295	0.03	297	0.15	19.70	1.78					

CERTIFICATION: David Lehnert

PROGRAM PROPOSAL - PART B
Location of Proposed Project(s)

Indicate on this map (using an "X") the general location of each of the projects covered by this proposal.



CONCLUSIONS:

On June 6th., the bridge,road and the creek could not be found, they were under snow from an avalanche 25'deep,300' wide, 2000' long. After walking 2km., to the 5th. switch back, I found our cache. The lumber, tools,ropes,hoses,other equipment and the camp, were all over the road and switchback, from another avalanche. We had proposed drilling,build a high lead to the canyon floor,prospecting new areas and drilling and feathering hopefully salable sodalite from other boulders we had not tried last year. We lost a month and a half out of 5 months work. Plans that were made had to be changed. Two of my sons intended to spend the better part of the summer (Glen at least), They are both going to University. They had to make other plans. We intended to buy an X-Ray diamond drill from Kirk Makepeace (Jade West). His main storage building collapsed because of heavy snow, this was in Dease Lake. His mood was "abrupt", and so was mine. For him to find the drill and parts and truck it to White Rock, and for me to drive there inspect it, order parts on a machine that has not been manufactured for years and get back to camp, this is after I did the bridge, road and cut through the mess at the creek, which as it turned out took 43 days, it would be the last week in August. If we shallow drilled and feathered there was no certainty that our efforts would be any better than last year. We could hold on a loan of $20,000.00, using the grant plus what else would be needed. Play it by day,by day. As it turned out we did very well indeed.

We are using the bridge,road and trails as Physical Work under this premise. We are over 3kms. in distance and 300meters in elevation, (50°), from any of the prospecting areas. To walk it every day is ludicrous. We have no access to the canyon until mid july, and only if it does not rain. The canyon is steep, narrow, and very dangerous (falling rocks), and a dead end at the falls, or we have to use ladders and rope. There is no way we can pack in drills and equipment. We have to use helicopters at $20.00 a minute. This year we would not have this problem. The conclusions are, the bridge, road, trails ladders, platforms and ropes are actually a necessity any time. Even if we used a helicopter this year it would have cost us over $1500.00. We also used the bridge, road and trails last year as Physical Work. This should be the last year for using roads, bridge and trails.

PROPOSED IN 1998;

A new road will be built by Even's Mills in Golden, using part of the old roadbed. They intend building the road, logging and hauling all in the same year. We have no costs until 1999, maybe later, we run on users permits. This road is really no asset to us. When the time comes, if the float turns out to be massive and viable for speculation. We will sell it. Our interests are in Sodalite not that kind of ore. We would use any gain as capital for furthering our main cause. Then let's see who pays what. The first thing we have to do is find where the float came from, follow it through, stake more if necessary, and if it need be, shallow drill boulders and whatever we find, using a punjar, Small blasts on top and feathering below. We will also be there when the road is being built, for what access we need, and perhaps a little work from the 6Th. SB to the canyon lip, and an extra access, maybe even a tote road from 3 km to the canyon lip. To date we have signed nothing. Next year should be a very interesting time. Hay- you never know.

I await your consideration,

Dave Lefurgey