JCS OFFICE

B.C. GOLD SYNDICATE MONTHLY REPORT by

J.T. SHEARER

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September 28, 1979 Sandspit B.C. GOLD SYNDICATE

MONTHLY REPORT

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J.T.SHEARER

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September 28, 1979 Sandspit TABLE OF CONTENTS

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	Page	
LIST OF ILLUSTRATIONS	ii	
SUMMARY	iii	
INTRODUCTION	1	
TIME ALLOCATION	3	
EXPENDITURES	4	
(a) Helicopter time		
(b) Truck Costs (l) Mileage (2) Gas		
(c) Boat Costs		
CAMPS AND AREAS PROSPECTED	5	
(1) CRESCENT CLAIMS (103B/12,13		
(2) FRANKLIN CAMP (82E/9W)		
(a) White Bear	5	
(b) Franklin General	6	
(c) Last Chance Creek	6	
(3) LIGHTNING PEAK (82E/15,16	10	
(4) GOLDEN EAGLE	10	
(5) SALMO-SLOCAN AREA	14	
(6) GREENWOOD AREA	14	
(a) MIDWAY (Norwegian Creek) Breccia	14	
(b) DEADWOOD CLAIMS	18	
CONCLUSIONS AND RECOMMENDATIONS	21	

APPENDIX I TIME SHEETS (September)

i.

# LIST OF ILLUSTRATIONS AND TABLES

# Figure

Page

1	TENDERLOIN T Soil Grid, Resu	lts 1:6250		5
2	FRANKLIN K Soil Grid, Results	1:5,000		7
3	NOVE AREA, Results 1:1,000			8
4	LAST CHANCE CREEK AREA, Resul	ts 1:10,000		9
5	WATERLOO CREEK, Results 1:15,	840		11
6	PAYDAY ROAD, Results 1:15,840			12
.7	GOLDEN EAGLE, Detail Geology	1:3,600	In	Pocket
8	GOLDEN EAGLE, Soil Results,	1:3,600	In	Pocket
9	NADIA CLAIMS, Results 1:4,000			15
10	RAINBOW CLAIMS 1:13,000			16
11	MIDWAY BRECCIA, Location map	1:12,672	In	Pocket
12	MIDWAY BRECCIA, Results	1:12,672		17
13	BUCKHORN CREEK DRILL SECTION	1:1,800		19
14	DEADWOOD CLAIM, LOCATION MAP	1:50,000		20
15	DEADWOOD, Geology	1:10,000	In	Pocket
16	DEADWOOD, Geochem Locations	1:10,000	In	Pocket

# TABLES

TABLE 1 TIME ALLOCATION (September)

3

#### SUMMARY

- A six man crew has mobilized into Crescent Inlet for property work consisting of detail soil sampling, geological mapping and limited trenching.
- (2) All soil results have been received for Franklin Camp with no anomalous gold on the long reconnaissance lines over Kettle River Formation and younger volcanics.
- (3) Two, large significant gold soil anomalies were found on the Golden Eagle Claims. Follow up work is warranted. Preliminary discussions on option terms have been held with the owner John Stoochnow.
- (4) Several properties were examined in the Slocan district in conjunction with reconnaissance of the YMIR and ROSSLAND AREAS.
- (5) A twenty unit claim, DEADWOOD ONE, was staked to cover potential gold bearing zones in Kettle River Formation acid tuff and arkose. This is essentially tie on ground to a recent drill discovery on Buckhorn Creek. Limited soil sampling was completed and results are pending. Little alteration was noted, however much of the area is overburden covered.

Sampling and prospecting on the Midway Breccia proved discouraging.

iii.

#### INTRODUCTION

During September the prospecting program in the Boundary area was finished and the crew returned to Vancouver. A syndicate committee meeting on September 6, 1979 approved detail property work on the CRESCENT Claims. Considerable time was spent on drafting all outstanding maps and results plus acquiring equipment needed for the Crescent program.

Soil sampling on the GOLDEN EAGLE Group showed two large areas worthy of follow up investigations. Preliminary discussions with the owner John Stoochnow and his Sumagro partner, Jim Merkir, indicate that their previous negotiations to sell the Sumagro soil-aggregate separate from any hard rock rights are not acceptable to the prospective buyer. Apparently a deadline of October 1, 1979 has been established by Stoochnow for the buyer to make his first down payment and sign a deal. Merkir feels that this deal will not materialize thus leaving the way clear for the syndicate to try and make a reasonable deal with Stoochnow and his lawyer Barry O'Sullivan of Calgary. O'Sullivan has been in recent contact with McIntyre Mines about the Howard Mine which was examined in 1978 and holds little attraction at present.

A few days were spent in further reconnoitering around the Ymir Camp and Rossland. Several properties were examined near Slocan and Salmo but no additional follow up work is warranted.

High gold content in soils were found in the Lightning Peak soil sampling but are presently covered by claims as outlined in the August Report.

While passing through Greenwood on Labour Day, discussions concerning recent drilling in the Deadwood Area were held with Dode McLean and George Stewart. On September 4 the core, which has only been partially logged by Stewart, and assays were viewed. Soil results were also shown but gold was not run in soils. Of particular interest was a 25 metre section of drusy quartz and fluorite silicified zone in Kettle River Formation tuffaceous arkose and acid tuff. This zone strongly resembles the White Bear and also carries low, but geochemically anomalous gold up to 500 ppb Au. On this basis a 20 unit claim, DEADWOOD ONE, was located immediately south of the old Copper Queen and just north of this recent drilling. A number of similar faulted Kettle River Formation blocks are located north of the Copper Queen into Wallace Creek Valley. Soil results are pending.

The Crescent program is anticipated to require six weeks for completion. A more permanent and comfortable camp has been set up with aluminum frame tents. The old campsite has been brushed out to accomodate two 14 x 16 plywood floors. Hopefully two to three weeks can be spent in the Fair Harbour - Easy Inlet region of Northwest Vancouver Island following up a program suggested at the initiation of the 1979 Syndicate meetings in January. The target involves gold bearing exhalites in Bonanza Formation acid volcanics associated with massive, bedded sericite and pyrophyllite along the north end of the Zeballos - Amai Inlet Gold Camp.

JMT has started to drill one of their west coast properties, probably Kitgoro Inlet. UMEX is also continuing their spring program and Selco is checking out the Islands for next years work. Falconbridge has optioned Bob Mickles Sandspit property and conducted limited geochemistry.

#### TIME ALLOCATION

From August 28 to Septmeber 28 time allocation to various classifications is tabulated below. Individual time sheets are contained in Appendix I.

#### TABLE I

Item		Man Days
Prospecting and Geology		22
Claim Staking		5
Geochemistry (all day)		9
Camp Construction and Moves		7
Travelling		28
Office-drafting		33
Holidays		2
	Total	106 man days

Travelling is very high due to the demobilization from Franklin back to Vancouver, then to Greenwood and finally to Crescent Inlet again. B. Atkinson was involved with Target Project for 11 days, G. Marchak returned to school on August 31 and two new employees joined the crew S. Shearer and D. Shellard on September 17, 1979. Hopefully D. Greig will complete the crew to 6 men early in October. Moving to Zeballos should not take so much time since some of the camp gear can be stored in Sandspit for the planned work on Alder early in 1980.

#### EXPENDITURES

Up to the end of September, the program has spent approximately \$103,000.00. Major field cost items are:

(a) Helicopter time:	Zero hours		
(b) Fixed wing:	2 Otter and 1 Beaver trip to Crescent Inlet. 1 free Otter trip		
(c) Truck costs:	(1) Chev Suburban	Mileage Gas	
	(2) Green Truck	Mileage Gas	
(d) Boat Costs:	\$800.00 deposit for	one months rental.	

A major item in the Crescent program is fixed wing mobilization and weekly supplies by Beaver which amounts to \$ 129.00 per trip. Boat rental is slightly higher than July which is more in line with Vancouver short term prices. A boat is essential for work on Crescent two and will be vital on any work done at Alder. Consideration should be given to purchasing an inflatable boat for general work in the Charlottes.

#### CAMPS AND AREAS PROSPECTED

#### (1) CRESCENT CLAIMS (103B/12, 13)

A six man camp has been assembled on the old campsite at the Crescent Claims using two 14 x 16 aluminum frame tents. Weekly groceries will be flown in on Thursday afternoons. Trans Provincial Airlines and Vancouver Island Helicopter crystals have been installed in one radio.

The tentative proposal consisting of detail geological mapping, extensive soil sampling and limited trenching was included in the July Report. About six weeks has been alloted for the completion of the work.

#### (2) FRANKLIN CAMP (82E/9W)

(A) WHITE BEAR - results

All results, except some rock geochem, have been received. Figure 1, shows recce soil sampling through the middle of Tenderloin One starting from the central reference line. All elements are uniformly low. Other sample results are discussed in the August Report.

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S initial station at end of 2000 metre reference line bearing 20° starting From mouth of Glockester Creek (enter Borred Lreek).

J.C. STEPHEN EXPLORATIONS B. C. GOLD SYNDICATE SCALE TENDERLOIN "T" GRID 1: 6250 SOIL GEOCHEMISTRY DATE : ANGOST 1479 NTS: WORK , DRAWN AT & G. MARCHAK

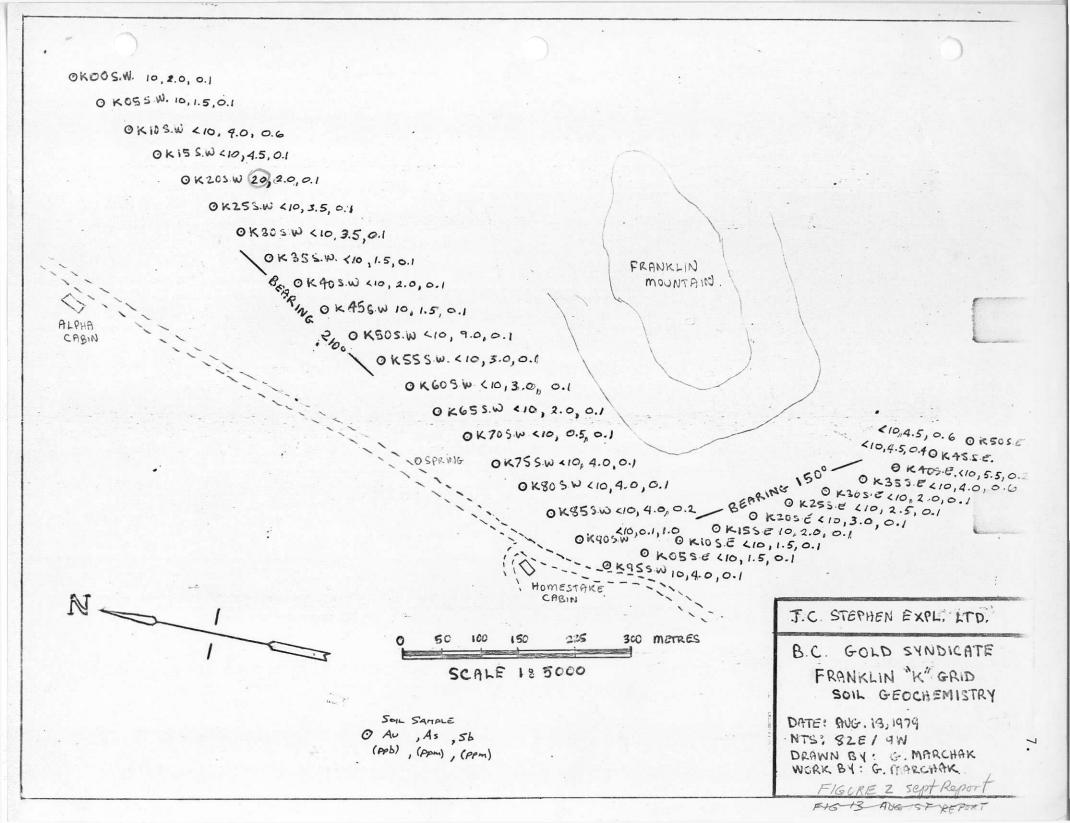
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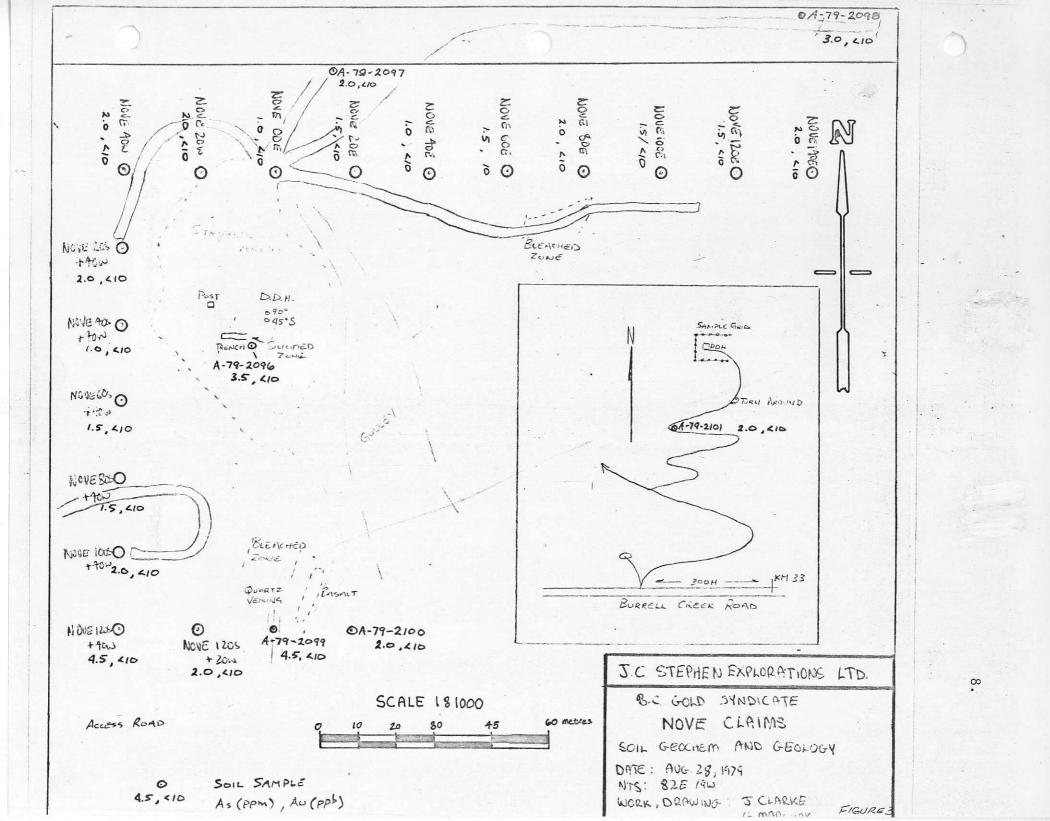
#### (B) FRANKLIN CAMP GENERAL - results

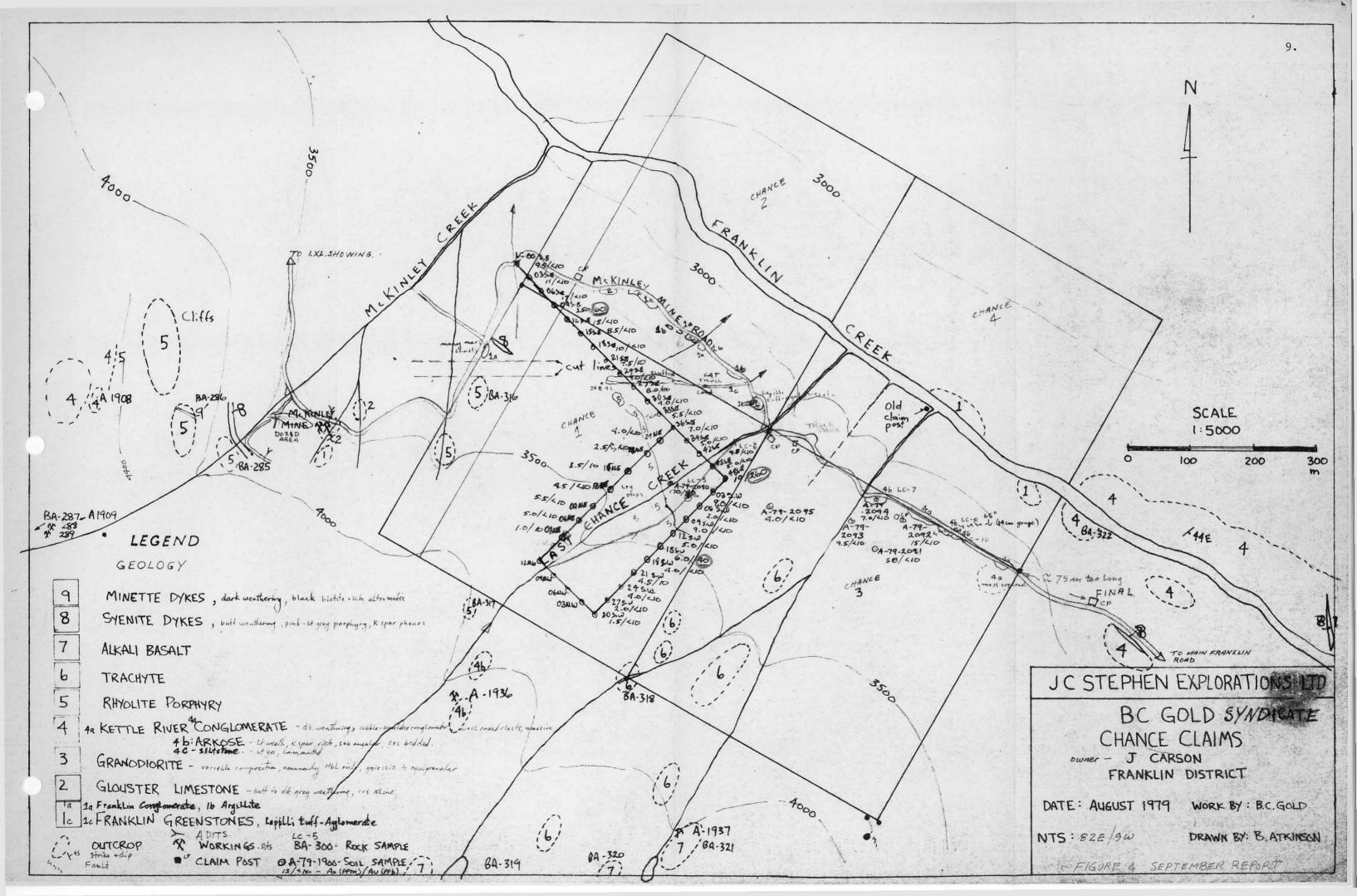
A soil line was run north of Franklin Mountain within the Kettle River Formation just above the old Homestake - Alpha showings as illustrated on Figure 2. No follow up work is warranted. Soils in the Nove area, Figure 3, show low As and Au. Other general traverse and geochem work are outlined in the August Report.

## (C) LAST CHANCE CREEK

One day was spent on J. Carson's Last Chance Creek property. Assays are plotted on Figure 4. There are some anomalous soils, notably one 260 ppb Au., however this appears to be near a silicified zone in Paleozic "greenstones". No high soils were found over Kettle River Fm or the younger Rhyolite or trachyte. Probably the best course for Mr. Carson to take is opening up the creek showing by trenching. If he can locate the reported galena in Kettle River Formation rocks, then additional follow up would be necessary.







#### (3) <u>LIGHTNING PEAK</u> (82E/15,16)

Results for soils taken in the Lightning Peak area are plotted on Figures 5 and 6. Anomalous soil downstream from the Waterloo Mine is indicated on Figure 5 although all samples at the large E - W fault zone up Rendell Creek are low. Along the Pay Day road, one soil ran 640 ppb Au.

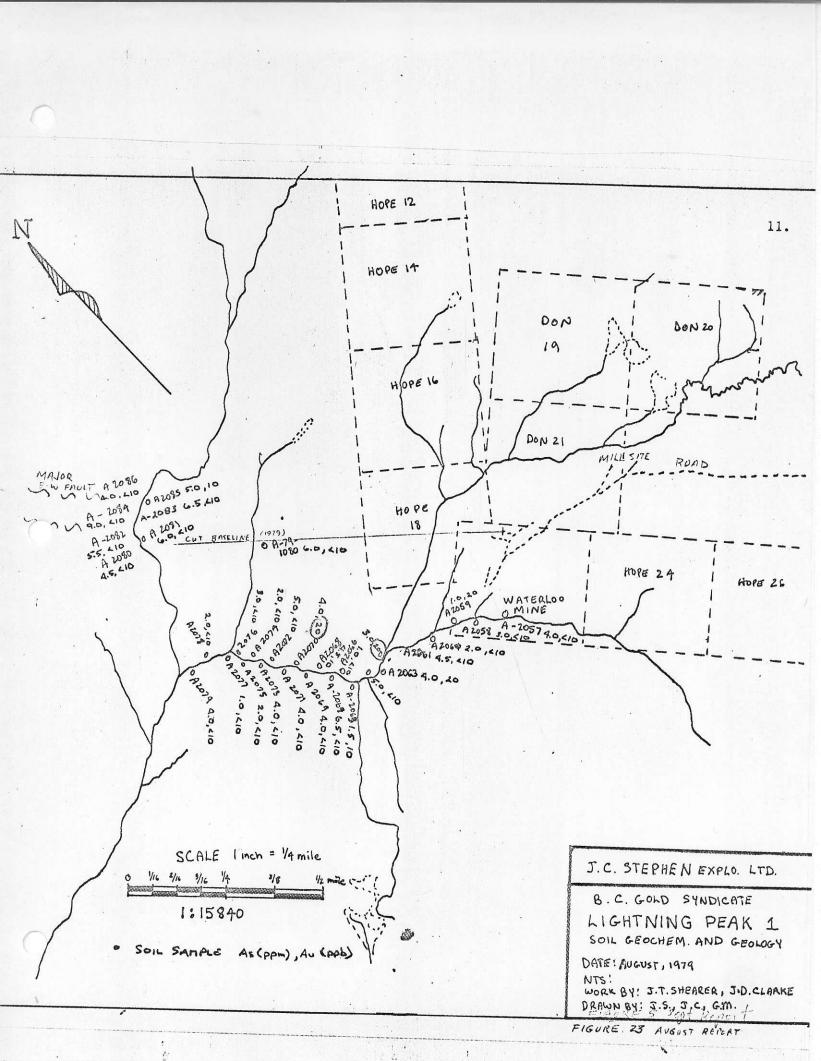
These results require some follow up work in the event ... any of the claims covering the area lapse.

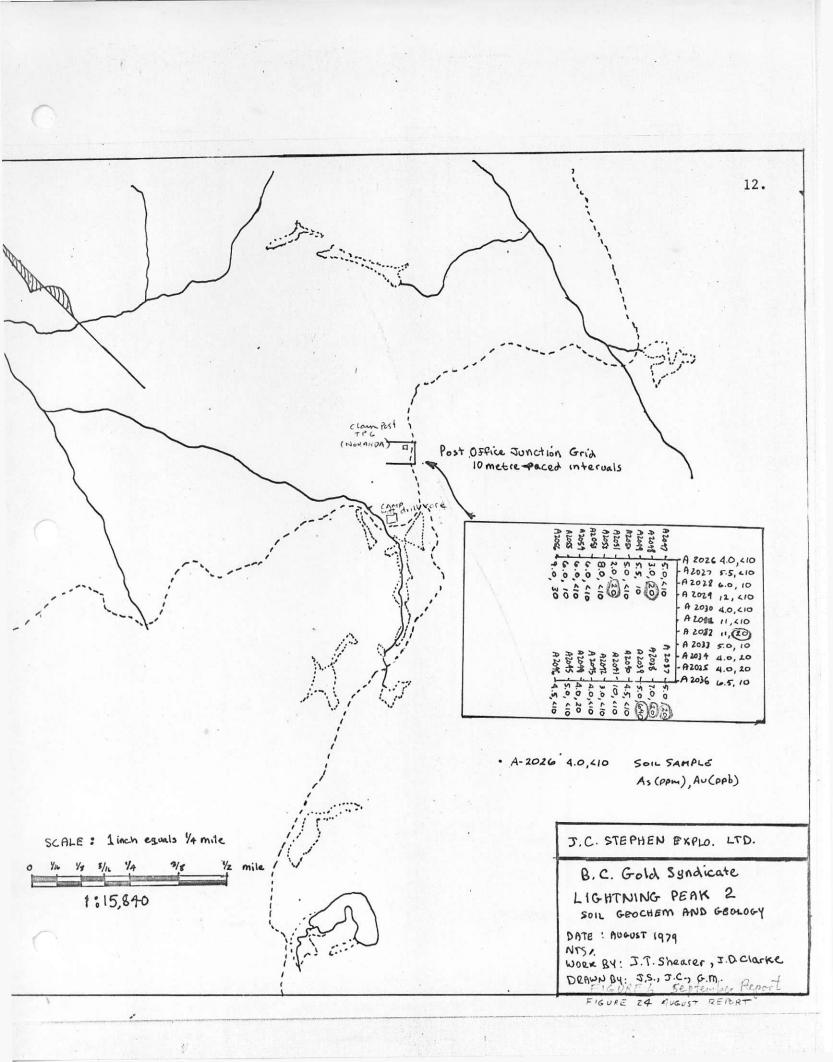
#### (4) GOLDEN EAGLE (82E/1W)

#### (a) Introduction

After a brief examination in 1978, a more comprehensive look at the Golden Eagle Group was undertaken in 1979. The property is mostly crown grants in good standing owned by John Stoochnow. Mr. Stoochnow is mainly interested in a transported gossan which he markets as fertilizer under the name Sumagro. The 1979 examination was done under the understanding that any deal made on the Sumagro would exclude hard rock rights so that Stoochnow would be free to make an option agreement with the Syndicate. However at recent meeting with Stoochnow on September 14, 1979 he indicated that any exemption was unacceptable to his prospective buyer and that he has given until October 1, 1979 for an agreement to be signed on the Sumagro. Jim Merkir, a partner in the Sumagro business feels this is just a ploy on the part of the buyer and the deal will not go ahead.

Location and claim status of the Golden Eagle Group has been reviewed in the August Report.





## (b) Geology

A coloured geological map is shown on Figure 7 (in pocket) The eastern portion of the claims is underlain by sharpstone conglomerate cut by small dykes and masses of syenite. This is the host for most of the older showings including the Golden Eagle vein. To the west a large area of coarse to fine crystalline marble is in fault contact with sharpstone and chloritized basalts and andesites. Granodiorite has intruded all rock types along one of the major fault splays (Granby River Fault, a part of the eastern boundary of the Republic Graben) on the Junction City Claim and has formed extensive zones of garnet-calcite-diopside skarn.

The sequence has been affected by a major metamorphic event that formed a Shuswap-like gneiss complex immediately to the east and has experienced intense deformation related to large faults on both east and west sides.

# (c) SOIL Geochemistry

Soil results are plotted on Figure 8 (in pocket). Several samples are greater than 10,000 ppb but come from old workings and oxidized sulfides. There are two large areas of anomalous soils in the 100 -200 ppb range that deserve follow up work. These are (a) 1000 N Line and (b) 200 N 00W to 200 N 600 W. The 1000 N line is underlain by sharpstone with interbedded chert and greenstone. A faulted contact between granodiorite and marble characterize the 200 N area.

Soil samples were taken on lines 200 m apart and the first priority would be to fill in the 100 m lines that have already been flagged for geological control.

#### (5) SALMO-SLOCAN AREA (82F/2W)

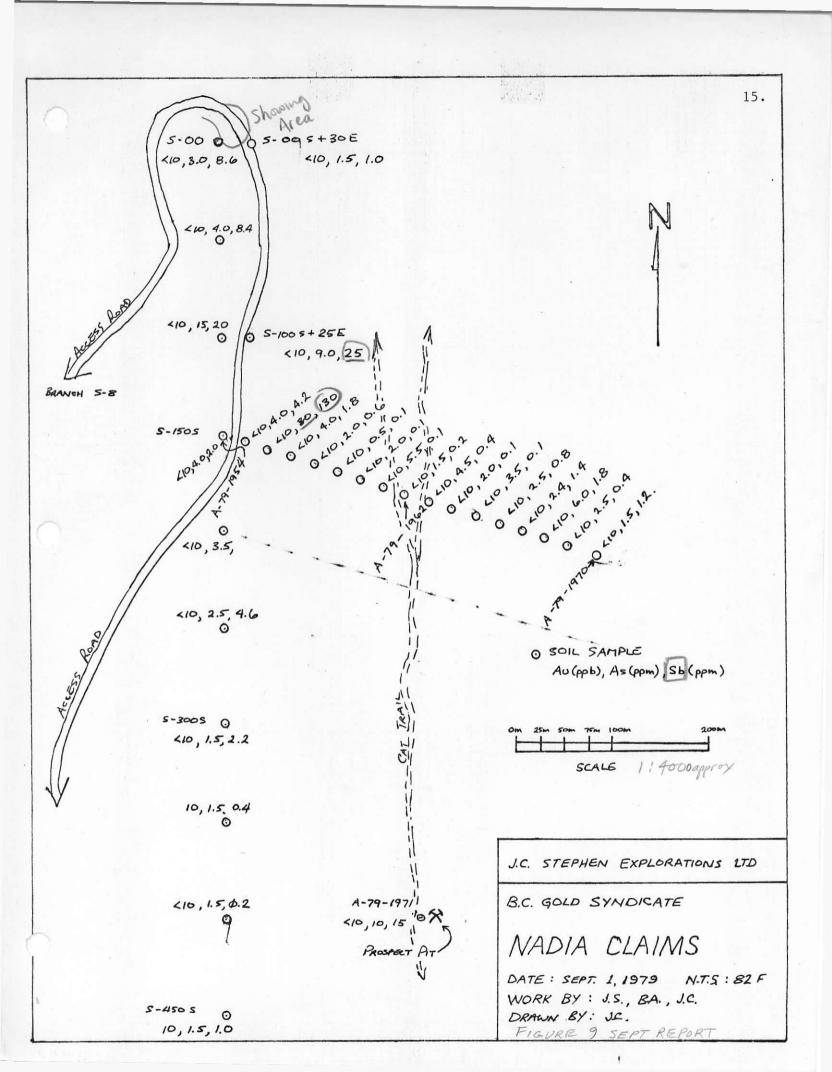
Several days were spent examining properties and rock types in the Ymir Camp, Rossland and Slocan from a base in Salmo. Recent activity in the Salmo area includes considerable underground development at Goldbelt and new roads into the Ymir and Goodenough Mines. A large claim block has been staked by Shell Minerals between Nelson and Salmo presumably for tungsten potential.

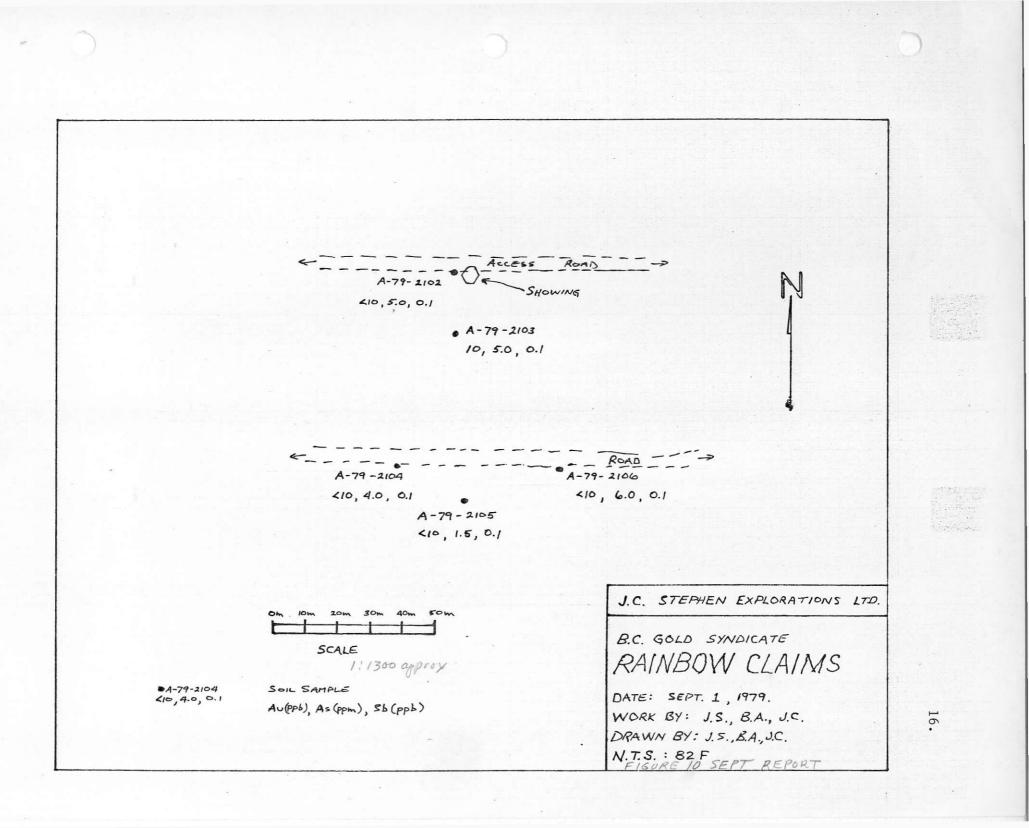
Figure 9 shows soil sample results on the Nadia property near Memphis Creek just north of Slocan City owned by Mile Shkuratoff of Winlaw. Memphis creek was the site of a high grade gold discovery in 1893 presently held by reverted crown grants. The main showing consists of stringers and blebs of crystalline stibnite in a barite-quartz host. Gold is very low with only a few high Sb values. The nearby Rainbow claims were also examined, Figure 10, giving uniformly low soil results. Rock assays are pending. No further work appears necessary.

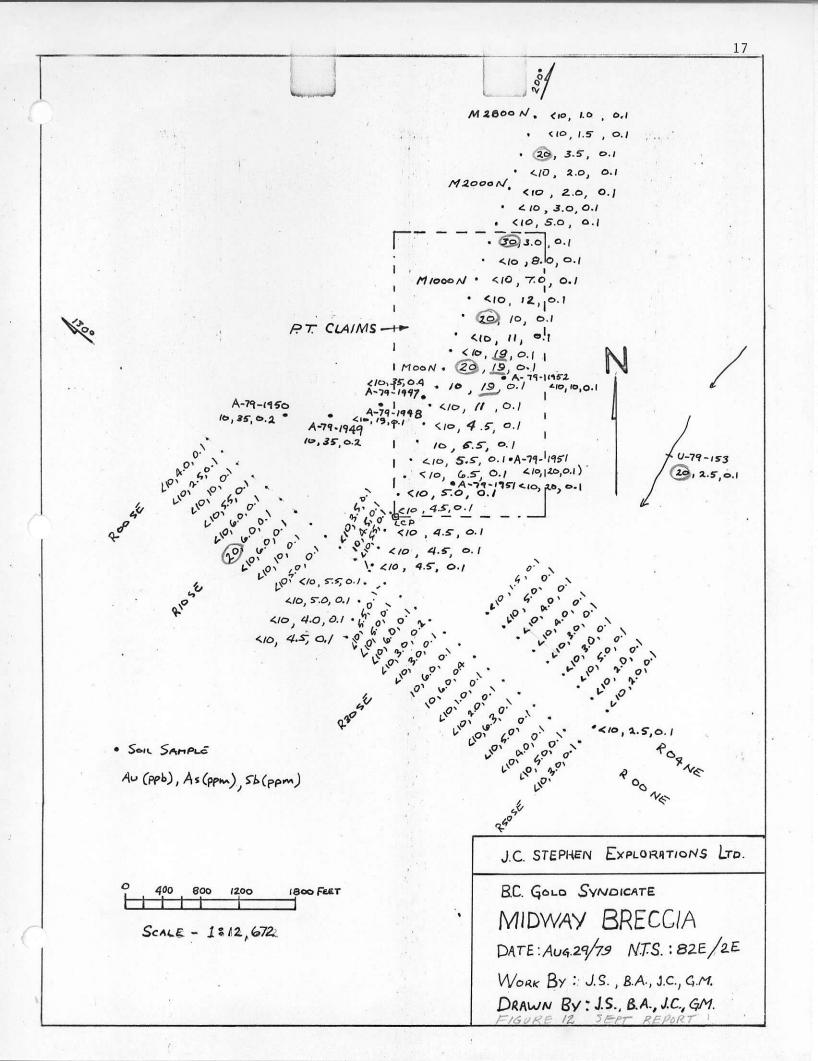
#### (6) GREENWOOD AREA (82E/2E + W)

#### (a) Midway (Norwegian Creek) Breccia

A zone of brecciated rocks, as reported by Monger (1968), postulated to be a megaslide breccia was investigated with disappointing results. This unit according to Monger is the youngest lithology of the local stratigraphy and may correlate with a gold bearing basal conglomerate-breccia in the Republic Mining District. The mapping done by Monger was found to be poorly done with many unwarranted extrapolations. The area is largely drift covered with a few local breccia sections. Much of the area is covered by the PT claims which were examined in 1978. Figures 11 (in pocket) and 12 show the geology and soil sampling. Gold is of secondary importance on the PT claims.







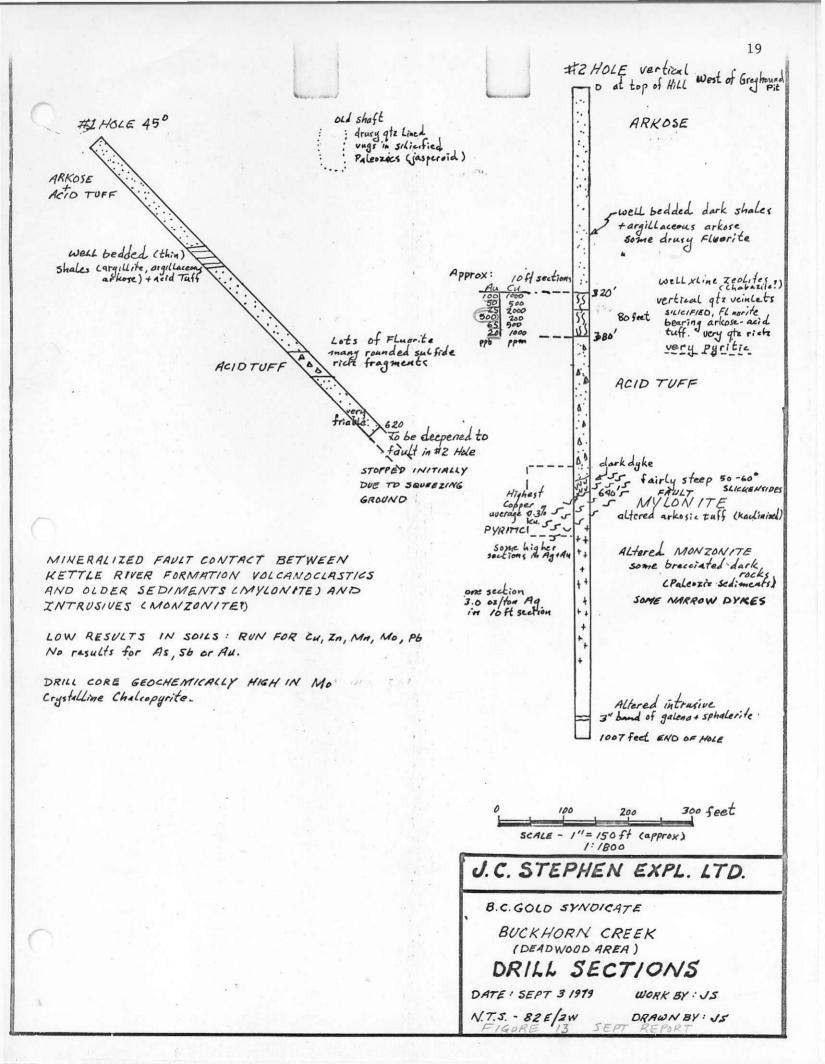
#### (b) DEADWOOD CLAIM

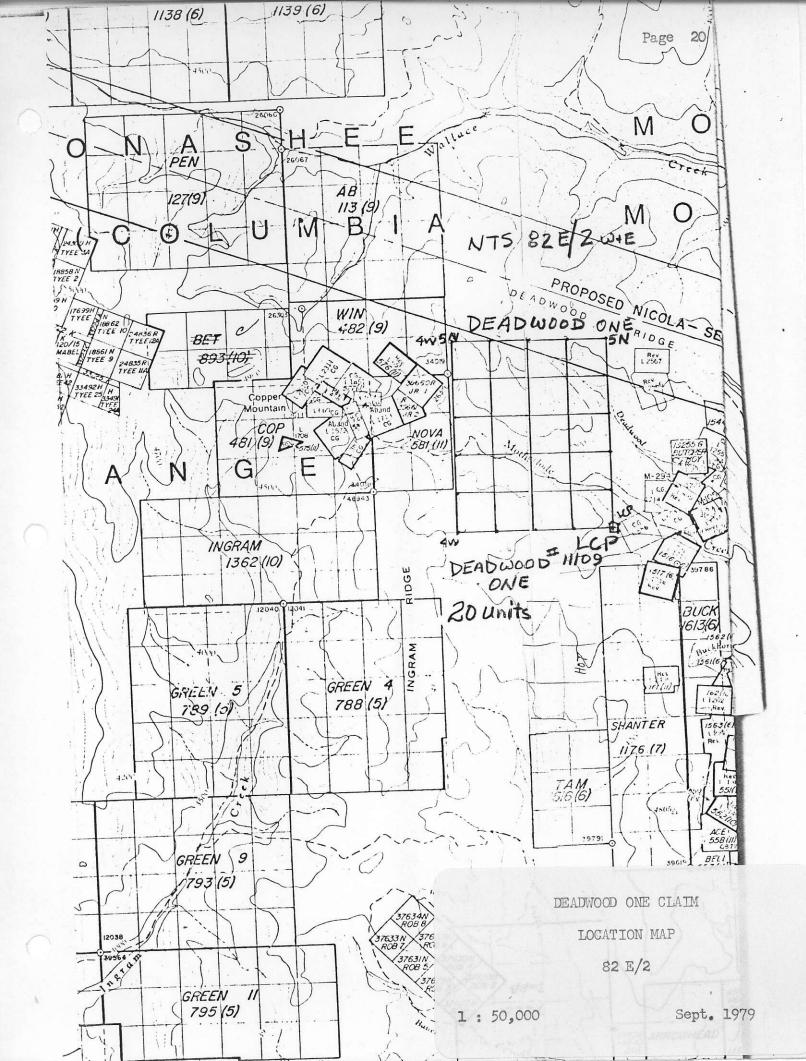
A twenty unit claim as shown on Figure 14 was staked immediately south of the old Copper Queen as tie on to a recent discovery in the Buckhorn Creek area. An approximate drill section is presented as Figure 13 to summarize the major features. In the 1000 foot hole, an eighty foot section is strongly silicified and brecciated with drusy quartz and fluorite. This zone strongly resembles the White Bear showing at Franklin Camp.

The basic geology of the Deadwood ONE claim is shown on Figure 15.(in pocket) The area has very little natural outcrop and the Kettle River Formation is extremely recessive. However an old drill hole through the Kettle River north of Motherlode Creek showed that the tuffaceous arkose is present although no alteration noted in the scattered core. The most useful tool will be soil geochemistry, several similar settings to the Buckhorn Creek Kettle River fault block are present north into the Wallace Creek drainage.

Rio Tinto apparently is dropping all their ground in the Wallace Creek area and it may be worth while obtaining more ground in the spring if any more favourable results come from Buckhorn Creek. A recent claim was started on September 17 in the northwest corner of Deadwood ONE but was not finished until September 19 so that Deadwood ONE, finished on September 18, should take priority.

Limited soil sampling as shown on Figure 16 (in pocket) were completed to give an initial indication of the geochemical response. Approximately \$3,600 is available for assessment credit for geological mapping and soil sampling.





#### CONCLUSIONS AND RECOMMENDATIONS

The detail property program on the Crescent Claims has started and is estimated to take six weeks to complete.

A reply from Mr. Stoochnow is expected shortly concerning a possible option deal on the Golden Eagle Claims.

Results received for the Franklin reconnaissance do not change the conclusions of the August Report.

A close watch should be kept on the Deadwood Area if any anomalous results are found on the Deadwood ONE claim or further work is done in the Buckhorn Creek property. There is considerable room to expand if claims lapse in the Wallace Creek drainage.

Respectfully submitted,

J. Shearer

JS/ms

APPENDIX I

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J.C. STEPHEN EXPLORATION LTD. 1124 WEST 15th STREET

NORTH VANCOUVER, B.C. V7P 1M9

NAME

MONTHLY TIME RECORD FOR SEPTEMBER 1979

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# J.C. STEPHEN EXPLORATION LTD. 1124 WEST 15th STREET

NORTH VANCOUVER, B.C. V7P 1M9

TELEPHONE (604) 988-1545

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NAME JOHN D. CLARKE

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MONTHLY TIME RECORD FOR SEPTEMBER 19 79 ..... DATE CHARGE WORK DONE 1 SLOCAN MILLOS CLAIMS 2 SALNO 3 ROSSIAND - VANCOUVER ROSSLAND: • • 4 Home-DRANGHTIPE 5 N. VAN. SORT EUT CAMP -DRAUGATING GOLDEN EA 6 1 7 DRADUGHTING GOLDEN EACLE 8 POTLATCH TARCE CREEK 9 TAROET 10 N. VAN. - DRAUGHING - GREECENT 11 . ~ 12 ~ - GOLDEN GAGLE & CRESCENT. 13 PACK SUBURBAN - N. VAL 14 GET SUPPLIES -N. VAN. - Home -15 16 PICK UP SUSURBAN - 2PM - N. Var. 17 SPUATISH - VAN - GREENWOOD, 18 STAKING DEADWOOD ONG CLAIM. SAMPLE PROSPECT 19 DEADWORD 20 ~ 21 22 MARY CLAIMS - GREENWED-VIAN 23 Rot Resours NERTH VAL 24 NORTH VAN-FINISH MAPS VANCOUVER TO SANDSPIT 25 26 Lunsaz etc top SET UP FUERS -TO SANISAT. 27 28 TO (RESCENT TO MAKE CAMP. 29 SET UP CAMP. - CRESCENT 30 800 W. LING. - CREXCENT

J.C. STEPHEN EXPLORATION LTD. 1124 WEST 15th STREET NORTH VANCOUVER, B.C.

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MONTHLY TIME RECORD FOR SEPTEMBER 1979

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	29	crescent comp const	

# LEGEND

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and the second		

SYENITE, coarse grained pink to grey biotite, hornblende, porphyry

6

GRANODIORITE, biotite, hornblende mesocratic granodiorite

5

2

LIMESTONE, massive white crystalline, to grey bedded limestone with minor chert

5a, epidote, garnet, magnetite, tremolite skarn

RAWHIDE FORMATION, grey siltstone 4


SHARPSTONE CONGLOMERATE, abundant angular chert fragments : 3

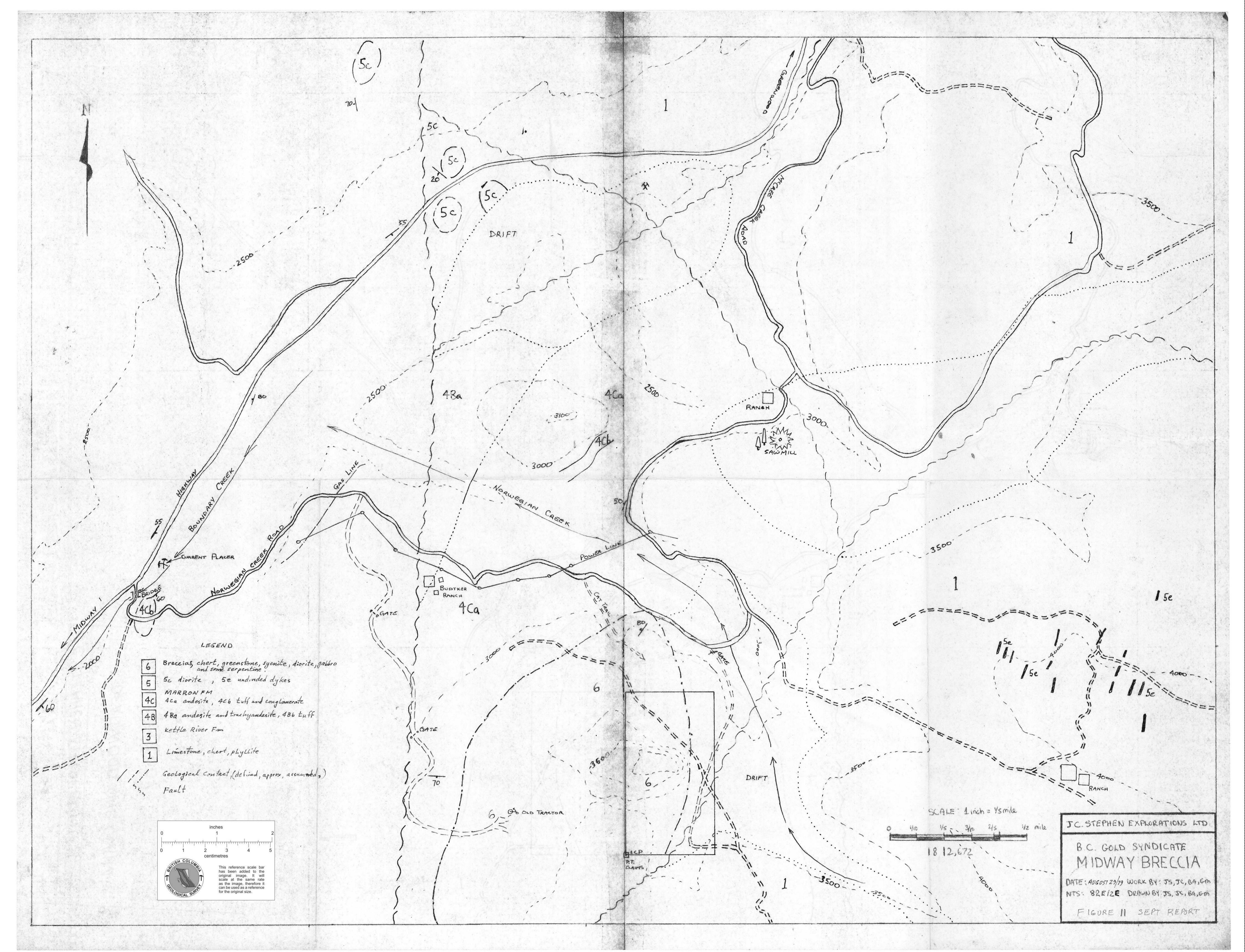
GREENSTONE, 2a, pale green porphyritic basalt

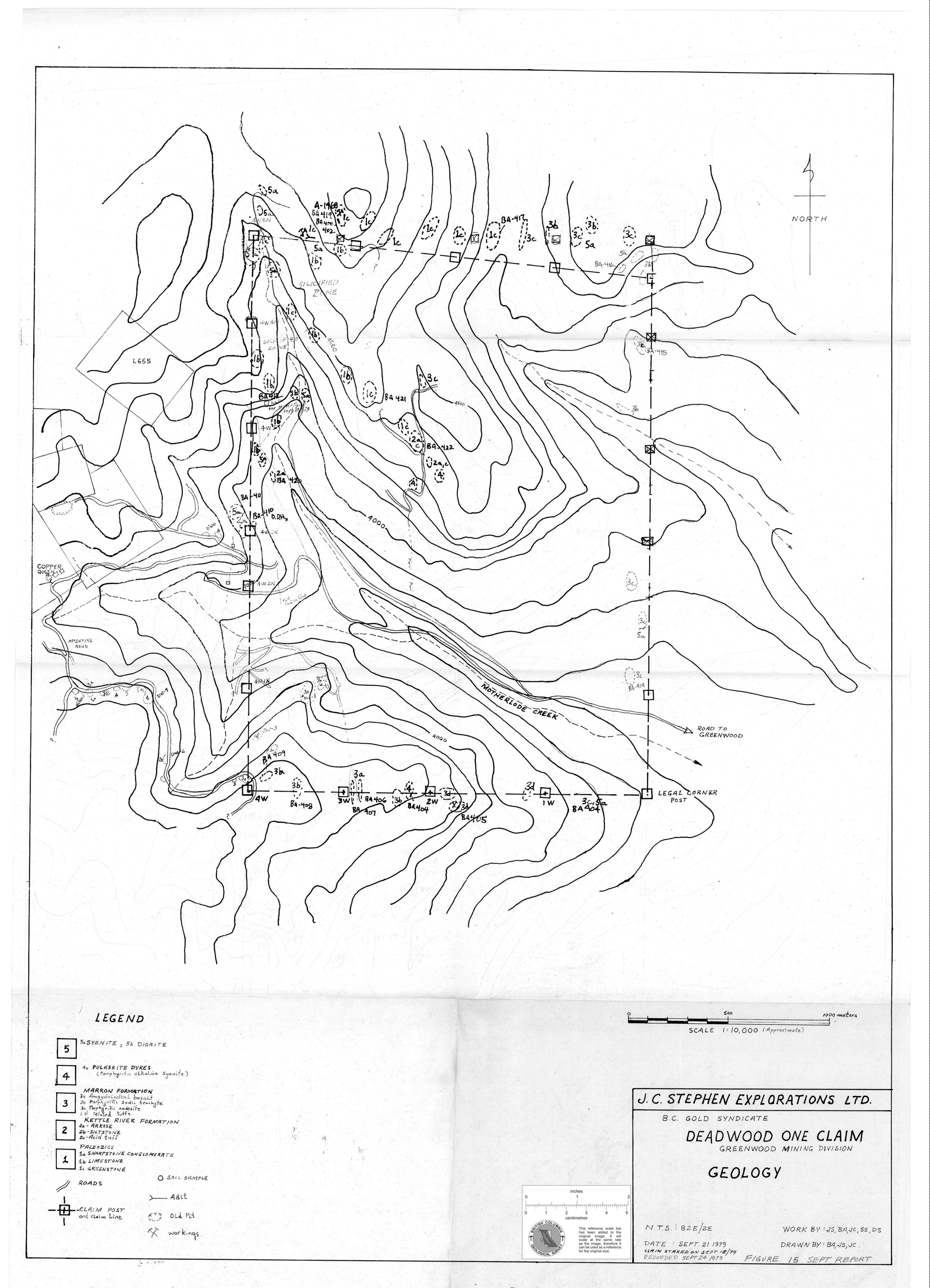


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